:hager

Wiring accessories + Building automation catalogue

B.
Berker by :hager

13
14



Dear Friends and Partners,

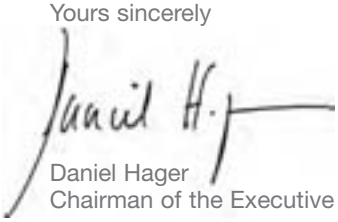
What's new? Which electrotechnical developments can you expect in the coming year, which intelligent solutions will shape the residential and commercial construction market? You will find the answers to these questions on the following pages. Together with contractors and wholesalers we have developed a whole range of promising innovations once again that are not only innovative but above all are relevant to your everyday needs. We will be presenting the best of these to you in this catalogue.

At the same time, on the next few pages you will be meeting many well-known friends once again: Tried and tested products and solutions from Hager, which have already demonstrated their reliability and user-friendliness in tens of thousandsof installations. As a full-service provider, today we can offer professionals everything they need for energy distribution and cable routing, meter panel, room connection and security systems, as well as building automation, switches and socket outlets. This offers a huge additional value for installers and planners. Since you get the entire full range of solutions and services from one source. This makes electrical installations not only easier and faster, but also more reliable, efficient and successful.

Since there is nothing that cannot be improved, on, we are constantly looking for new and better solutions. We are continually exchanging ideas with our customers, analysing their needs and implementing them in pioneering innovations. For you as a planner or installer, this means that not only do you get the best solutions today – but you will be leading with us in the future, too.

We look forward to achieving this together with you,

Yours sincerely



Daniel Hager
Chairman of the Executive Board of the Hager Group











Your reliable partner

Hager is your specialist for electrical installations in residential and commercial construction. The Hager brand has stood for comprehensive system offers for decades: The highest quality, innovative products, modularity, easy assembly, simple operation, comfortable application, good service and stylish design characterize Hager.

A brand that delivers what it promises

As a specialist for
- Energy distribution and meter panel systems,
- Cable routing and room connection systems,
- When it comes to switch ranges, building automation and security and safety systems such as danger alarm systems, smoke detectors and motion detectors, Hager is the comprehensive supplier for professionals.

High quality, innovative technology, user-friendly solutions and the special closeness to customers make Hager a reliable partner for electrical engineers and planners.

Innovations in the Service of the Customers

Innovations and the systematic enhancement of the products and systems characterize the Hager brand. Our aim has always been to stand at the forefront of development with innovations and enhancements.

At Hager, innovations and new technologies are always geared towards the needs of the customers. In thousands of contacts and discussions that Hager has every year with customers and partners, we find out what the practitioners need to work successfully and efficiently. With this knowledge as a basis we develop the innovative solutions that make the Hager brand so characteristic, for easy assembly, comfortable application, intuitive user interfaces, modularity and consistency are brand values that guarantee consistent premium quality with Hager systems.

80 percent of the products and systems at Hager are less than five years old. This high degree of innovation provides our customers with a wide choice of solutions for dealing with many new challenges effectively. A good indicator of this user-oriented product policy is the strong demand for innovations and further developments of the Hager brand.

Hager belongs to the Hager Group, an owner managed family business with a tradition that spans more than 50 years. The globally active group employs a staff of 11,400 employees and generated a total turnover of more than 1.6 billion euros in 2012. Today, the entire product range of the Hager Group includes about 74,000 items.

The Hager Group has production plants at 22 locations in 11 countries worldwide. The sales network in 82 countries is supported by 20,000 sales outlets of the wholesale partners. Thanks to its close relations to customers and dealers, the brands of the Hager Group have a strong local and regional presence.

The Hager Group currently employs 790 engineers in Research and Development (R&D) and allocates approx. 5 percent of its turnover for R&D. As a result, around 170 developments are registered as patents annually.

Since 2007, the Hager Group has been a European company (SE Societas Europaea) and thus underlines its cultural diversity as well as its European roots.

www.hager.com

Humane. Environmentally friendly. Efficient.

Sustainability at the Hager Group: E3



"Quidquid agis respice finem" – Whatever you do, think about the consequences! This motto which is attributable to the Greek poet Äsop (in 600 BC), applies today more than ever. As a result of technical progress, increasing globalisation and decreasing natural resources, the consequences of our actions are becoming increasingly serious – and the demands for more corporate responsibility are becoming increasingly louder. Even if the Hager Group is just a small wheel in this big machine, we want to play our part so we can leave a clean legacy for future generations. We have summarized this understanding of sustainability in a concise term: E3.

E3 is a comprehensive approach of the Hager Group for utilizing the limited resources of our planet sparingly. The three "E"s stand for the three columns of our sustainability: Ethics, Environment and Energy. In German: Ethik, Umwelt und Energie. Each E conceals a specific catalogue of measures that the Hager Group has expressly committed itself to.

Everyone is talking about sustainability. As a family business we want to live it actively – with E3!

"We act ethically and responsibly by caring for our fellow human beings and our environment."

Daniel Hager



ethics

People are the most important natural resource for us. For this reason we are doing everything to support our 11,000 and more "energy sources" worldwide and to mobilize new "forces" for the Hager Group. We are certified "Investors in People"- and rely on structured processes that ensure fair dealings with each other. In addition, we have committed ourselves to compliance with the United Nations Global Compact. It is entered on a voluntary basis between businesses and the UNO for the purpose of shaping globalization in a more social and environmental way. And not least, we care for the wellbeing of every single employee in the Hager Group through locally targeted Care Management.



environment

We are also extending this Care Management to our environment – by keeping it as clean as possible. For this reason, we work worldwide according to the motto, "to make more from less". Eleven production plants of the Hager Group are already certified in accordance with the ISO 14000 international standard and new ones are added to this each year. During product development and production, we rely on Eco-Design and Eco-Production. In the course of this, the entire life cycle of a product (Life Cycle Assessment) is assessed and optimized in terms of ecological considerations. Once the product is finished, we pack it in a way that is not harmful to any tree: in 100% recycled cardboard. This earned Hager the iF Packaging Design Award in 2011. In this way, we continually reduce our ecological footprint – while accelerating technical progress at the same time.



energy

It goes without saying, of course, that we also help our customers to reduce their ecological footprints: with intelligent meters and innovative visualization software we make power consumption visible and enhance energy awareness. Many of our appliances – including dimmers, presence detectors as well as intelligent KNX building automation – actively help to reduce power consumption. And not least of all, the innovative system of Hager also allows regenerative energy sources to be integrated future-proof into each building. In a word: We expend our whole energy – so that you can save yours!

You can find detailed information on E3 at www.hagergroup.net, sustainability.

A design language that everyone understands: Hager Design

For over five decades, Hager has attached the greatest importance to the functionality and reliability of its systems. This is also reflected in the form of our products: Design is not superimposed as beautiful wrapping on the technology, but is developed in harmony with the functions. The external reflects the internal structure. And this external structure is becoming increasingly important nowadays: As electrical installations increasingly take over direct functions both in the office and in the home, the greater is the need to take aesthetic aspects into consideration. In order to meet these requirements – functional and aesthetic – even better, the Hager Group together with the designer Erwin van Handenhoven has established an independent design agency: Hager-Winco.



"Everything you see and touch underlines the idea of simplicity and quality."

Daniel Hager

From the cupboard to the switch
The Hager product range has grown tremendously during the last few decades. Hager has advanced from being a specialist for meter panel systems to a complete electrotechnical supplier for smart homes and intelligent, purpose-built buildings. With cable routing systems and room pillars, exclusive switch ranges and intuitive user interfaces, design requirements have increased as well: Each product has a different function, and each function requires its form design. Thus, Hager speaks a design language with many styles.

From the customer to the designer
To ensure that this design language is understood everywhere, we also give our customers the opportunity to participate: Since time immemorial, Hager has been developing its systems in close collaboration with specialist dealers and selected final consumers. We research national traditions, determine individual desires and pay very close attention when our customers' hearts beat faster. The results are ergonomically shaped solutions that appeal emotionally: through simple installation and operation, through the highest quality and maximum comfort.
We call this process "Voice of Customer".

From the present into the future
In order to meet the growing requirements of our customers even better in future, we established the independent design agency "Hager-Winco" in May 2009. As a result, the long-standing collaboration between Hager and the internationally active product designer Erwin van Handenhoven has now entered a new phase. This has resulted in numerous product highlights that meet the design requirements of tomorrow in particular. You can already find many of these today in the new Hager catalogue.

We wish you lots of fun during your discovery!

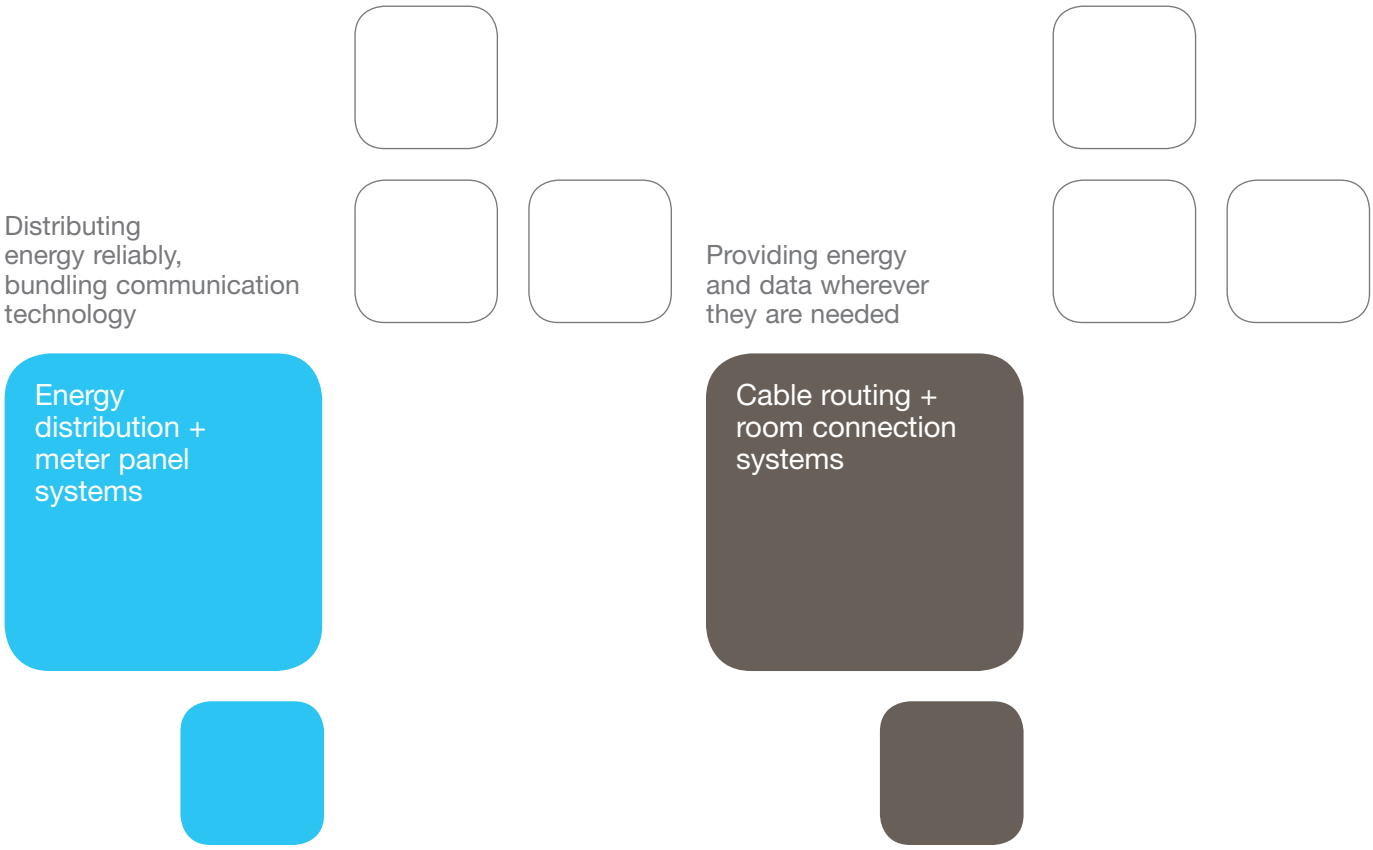


Erwin van Handenhoven,
Designer for Hager

reddot design award



:hager WINCO design



Clearly structured – the Hager Range

Hager has subdivided its wide range of products and services into four different colour-coded areas of application in order to make it easier for you when searching specifically for the right systems and solutions.

We are the specialists for electrical installations in residential and commercial properties, because with the Hager brand you get everything from once source: Systems and solutions – high-quality, reliable and easy to install.

Elegant switching –
Energy efficient and
comfortable building
automation

Switch ranges +
Building automation

B.
Berker by :hager

Safeguarding buildings,
protecting residents and
valuables

Security and
safety systems

www.hager.com

Little details that make a big difference

Why Berker socket outlets are simply good

It's often the small details that make a big difference. Berker's sockets are a perfect example of this: we have been producing them for over 90 years, and specialist craftspeople use them every day. And there are always product details which can be improved - and, when taken together, can make a major difference.

- Compact housing with sturdy, closed base
- Rugged supporting ring without sharp edges
- New support ring contour for easy alignment and screwing in
- Easy-to-connect conductor
- Open claw geometry prevents damage to the conductors during assembly
- No parasitic voltage thanks to electrical isolation
- Flexolift claw vanishes completely into the base
- Release or screwing-in in just 4 to 5 rotations

We have even optimised the packaging, and thus the handling on the building site: in a 10-pack, the centre plates are separated from the inserts and can be mounted according to your normal installation methods.. In addition, the centre plates are well-protected by film - a sensible detail to save time and money.



- **High-quality supporting ring**
  sturdy, with no sharp edges, and additional screwing options for easy installation on soft surfaces



- **Optimal supporting ring contours**
  marked for precise alignment at the place of installation



- **Test marks on the base**
  for visibility in every mounting state



- **Easy-to-operate release buttons**
  for rapid release of conductors during disassembly



- **Cross-head claw screws**
  with optimised thread for 3x faster installation/removal



- **Labelling field on the supporting ring**
  for clear labelling of the electric circuit



- **Cross-head screw in centre plate**
  for perfect grip of tool during assembly



- **Marking on base**
  for precise stripping of conductors



- **Sturdy, enclosed base**
  for safe, secure installation



- **Galvanic separation of the supporting ring**
  for safe working with no parasitic voltage



- **Open claw geometry**
  prevents damage to conductors during installation



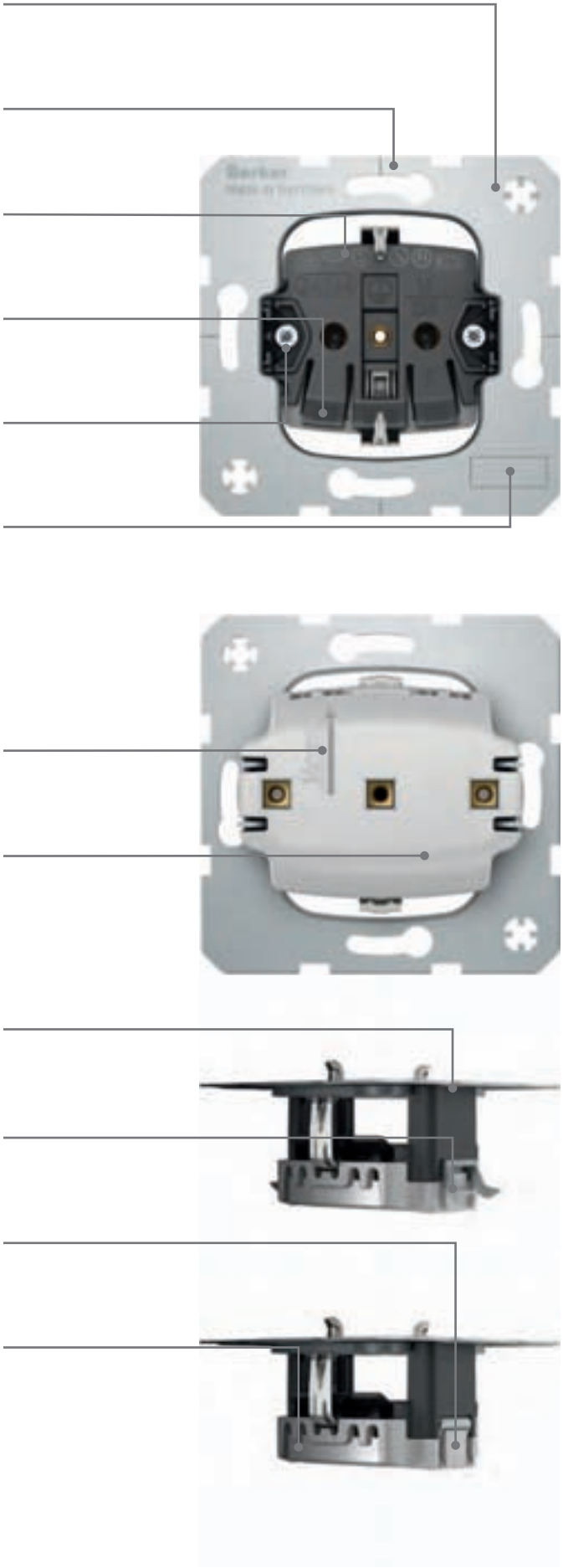
- **Claws are accomodated in base**
  when fully retracted, for easy insertion/positioning in the switch box and reduced risk of injury



- **Optimised terminal design**
  for easier insertion of conductors



- **Screw-in lift terminals**[1]
  for rapid connection and secure positioning of the conductors



[1] Only in socket outlets with screw-in lift terminals

Used thousands of times but still unique

Simple switch replacement with the modul system

Admittedly, we're still a bit proud. In the Modul system, we found a principle which has not lost any of its attraction. Using the Modul system, switches can still be replaced easily, even after years have passed, and, for example, be adapted to a new room design, without any need to replace the switch insert. For your customers, this means less building mess, more flexibility in room planning and increased general satisfaction with their electrical equipment. Our Modul system can also offer you many advantages, such as less storage and lower mounting costs. As well savings in terms of time and money.

In addition, we have designed the switches and inserts to be completely uncomplicated in mounting and handling.

- Flat appearance of the mounted switch and pleasant feel during operation through the very small switching angle of 3,5°
- High level of operating comfort through precise rocker guidance
- Flexolift claws ensure a tight fit and forced return when released
- Cable protection around the claw screws prevents conductor damage
- Laser engraving of the circuit diagram, circuit symbols, article number and conductor insulation length on the rear side of each switch
- Easy-to-operate lever release catches to free the conductors
- Installation of neon lamp units at a later date possible without dismantling



- **High-quality supporting ring**
  sturdy, no sharp edges, with additional screwing options for easy mounting on soft surfaces



- **Optimal supporting ring design**
  marked for precise alignment at at place of installationt



- **3,5° switching angle**
  for a flat profile and easy switching



- **Modular design**
  for accomodation of all rocker types



- **Large clearance around the claw screw**
  with cross-head screws for easy mounting



- **Variable 4-pin mount**
  for precise seating of rockers



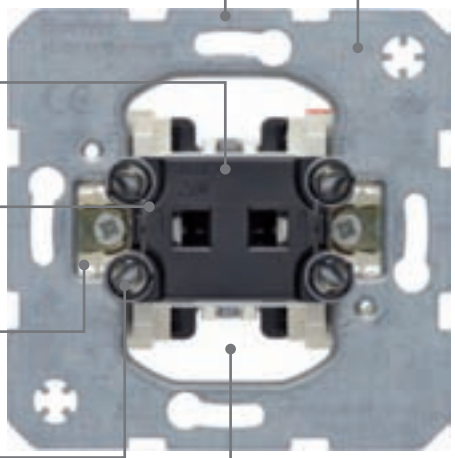
- **Clip-in neon/glow lamp unit**
  for exact positioning on the supporting ring, can be used as indicator or orientation light

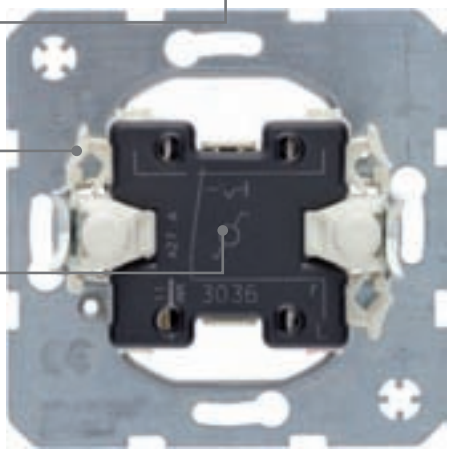


- **Moulded lever release catches**
  for easy release of conductors



- **Labelling on reverse of switch**
  showing order no, circuit diagram/graphical symbol, conductor stripping guide







- **Cable protection**
  to prevent damage to the conductors by the claw screws





- **Flexolift-claws®**
  for flush-fitting positioning of claws and automatic reset upon release



- **Minimal installation depth**
  providing maximum space for installation of the insert in hollow-wall mounting

Light control

Motion detector

Blind control

HVAC control

Communication / Multimedia technology

Berker S.1 / B.3 / B.7

Berker S.1 / B.3 / B.7

Modul 2

Berker Q.1 / Q.3

Berker Q.1 / Q.3

Berker K.1 / K.5

Switches, Push-buttons, Dimmers, New electronics platform, BLC system 18 

System controller, Presence detector, New electronics platform, BLC controller 82 

Blind switches, Rotary switches, Sensors, New electronics platform, Rollotec system 110 

Thermostats, Valve drives, Heating emergency switches 132 

TAE, UAE, Antenna, SAT covers, Multimedia socket outlets, Entertainment electronics 152 

Socket outlets, Covers, Central inserts 186 

Frames 238 

Socket outlets, Covers, Central inserts, Frames 258 

Socket outlets, Covers, Central inserts 302 

Frames 348 

Socket outlets, Covers, Central inserts, Frames 356 

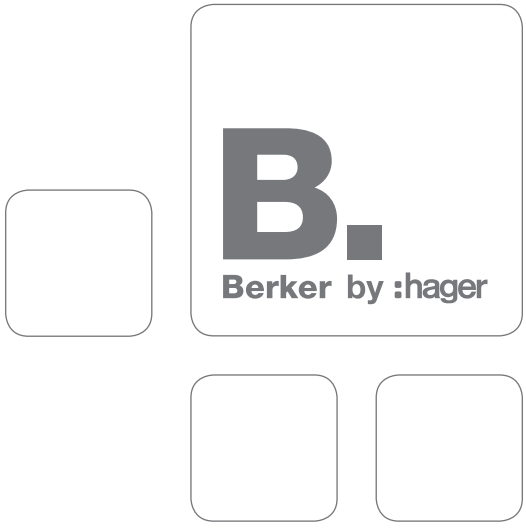
Light control

From the elegantly beautiful switches, through the intelligent control of individual lamps through to clever lighting systems: we can offer you a wide range of light control variants. common to all of them is that they can be supplemented, replaced and modernised easily, thanks to our modular system.

- All the rockers, covers and electronic application modules of our standard and comfort ranges fit perfectly on the flush-mounted inserts.
- Switches, dimmers or timers can be combined with all the switch ranges.
- Simple switch to a new switch range by exchanging frames and covers.
- Continuous further developments with innovative products mean that modern lighting (LEDs, compact fluorescent lamps) can be switched and dimmed easily.



Switches/push-buttons	20
Time switches	35
Dimmers/control units	40
New electronics platform	48
BLC -Berker Light Control	53
(Built-in-) Dimmers/power boosters	58
Transformers	60
Pilot lamps	63
Supplementary products	68
Hotel applications	76
Barrier-free construction	77



Switches/push-buttons

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

Rocker switches

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²
- Switching angle 3.5°

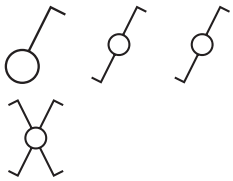


Change-over/intermediate switch i 850

Rated voltage 250 V~
Switching current 10 AX

- for illumination and monitoring circuit
- with plug-in terminals

Suitable for optional	Order no.	Page
LED unit 230 V, for switches/push-buttons	168 ..	70
Neon lamp unit with N terminal	1675 ..	69
Incandescent lamp unit with N terminal	1676 ..	69



Design	Order no.	PU
On/off switch	**3031**	10
Change-over switch	**3036**	10
Change-over switch for installation in hollow walls [1]	**3036 50**	10
Intermediate switch	**3037**	10

[1] low installation depth, without spreader claws



Contol change-over switch (exemplary article) i 850

A control change-over switch is shown here as an example. With 2-pole and 3-pole control on/off switches, other rocker switches and neon lamp units are required.



Design	Order no.	PU
Change-over switch	**3036**	10
Neon lamp unit with N terminal, grey, 230 V~, 1 mA	**1675**	10

Rocker push-buttons

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²
- Switching angle 3.5°

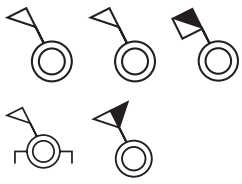


Push-button i 851

Rated voltage 250 V~
Momentary-contact current 10 A

- for illumination and monitoring circuit
- with plug-in terminals

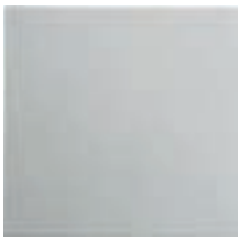
Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	69
Incandescent lamp unit with N terminal	1676 ..	69
LED unit 230 V, for switches/push-buttons	168 ..	70



Design	Order no.	PU
Push-button, NO contact	**5031**	10
Push-button, NO contact for installation in hollow walls [1]	**5031 50**	10
Push-button, change-over	**5036**	10
Push-button, NO contact, 2 separate signal contacts	**5031 01**	10
Push-button, NC contact + NO contact, isolated input terminals	**5032 03**	10

[1] low installation depth, without spreader claws

Rockers for switches/push-buttons



Rocker

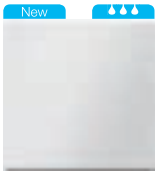
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1620 89 82**	10
polar white glossy		**1620 89 89**	10
polar white matt		**1620 19 09**	10
anthracite matt		**1620 16 06**	10
aluminium matt, lacquered		**1620 14 04**	10
polar white matt, Screw-on [1]		**1570 19 09**	10
anthracite matt, Screw-on [1]		**1570 16 06**	10
aluminium matt, lacquered, Screw-on [1]		**1570 14 04**	10
Modul 2			
white glossy	#	**1620 02**	10
polar white glossy	#	**1620 09**	10
white glossy, Screw-on [1]	#	**1570 02**	10
polar white glossy, Screw-on [1]	#	**1570 09**	10
Berker Q.1/Q.3			
polar white velvety		**1620 60 89**	10
anthracite velvety, lacquered	*	**1620 60 86**	10
Berker K.1/K.5			
polar white glossy		**1405 70 09**	10
anthracite matt, lacquered		**1405 70 06**	10
Aluminium, aluminium anodised	*	**1405 70 03**	10
Stainless steel, metal matt finish		**1405 70 04**	10
Berker Arsys			
white glossy		**1405 00 02**	10
polar white glossy		**1405 00 69**	10
brown glossy		**1405 00 01**	10
light bronze matt, aluminium lacquered		**1404 00 01**	10
Stainless steel, metal matt finish		**1404 00 04**	10
gold matt, aluminium anodised		**1404 00 02**	10
Stainless steel, metal matt finish, Screw-on [1]		**1404 00 10**	10
Berker R.1/R.3			
polar white glossy	*	**1620 20 89**	10
black glossy	*	**1620 20 45**	10

New



New





New



[1] with cover plug for screw fitting

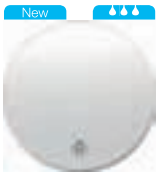
New



Rocker with imprint symbol

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Design		Order no.	PU
Berker Q.1/Q.3			
polar white velvety, with imprinted symbol for light		**1620 60 49**	10
polar white velvety, with imprinted symbol for bell		**1620 60 59**	10
polar white velvety, with imprinted symbol for door opener		**1620 60 69**	10
anthracite velvety, lacquered, with imprinted symbol for light	*	**1620 60 46**	10
anthracite velvety, lacquered, with imprinted symbol for bell	*	**1620 60 56**	10
anthracite velvety, lacquered, with imprinted symbol for door opener	*	**1620 60 66**	10



Berker R.1/R.3

polar white glossy, with imprinted symbol for light	*	**1620 20 79**	10
polar white glossy, with imprinted symbol for bell	*	**1620 20 69**	10
polar white glossy, with imprinted symbol for door opener	*	**1620 20 59**	10
black glossy, with imprinted symbol for light	*	**1620 20 35**	10
black glossy, with imprinted symbol for bell	*	**1620 20 25**	10
black glossy, with imprinted symbol for door opener	*	**1620 20 15**	10



Rocker

- Labelling field

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1626 89 82**	10
polar white glossy		**1626 89 89**	10
polar white matt		**1626 19 09**	10
anthracite matt		**1626 16 06**	10
aluminium matt, lacquered		**1626 14 04**	10
Modul 2			
white glossy [1]	#	**1626 62**	10
polar white glossy [1]	#	**1626 69**	10



Berker Q.1/Q.3

polar white velvety		**1626 60 89**	10
anthracite velvety, lacquered	*	**1626 60 86**	10



Berker K.1/K.5

polar white glossy		**1426 70 09**	10
anthracite matt, lacquered		**1426 70 06**	10
Aluminium, aluminium anodised	*	**1426 70 03**	10
Stainless steel, metal matt finish		**1426 70 04**	10
Berker Arsys			
white glossy		**1426 00 02**	10
polar white glossy		**1426 00 69**	10
brown glossy		**1426 00 01**	10
light bronze matt, aluminium lacquered		**1436 00 01**	10
Stainless steel, metal matt finish		**1436 00 04**	10
gold matt, aluminium anodised		**1436 00 02**	10

[1] labelling field height arranged for 9 mm P-touch strips



Rocker

- Full-surface labelling field

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

For labelling with names, notes etc.

Labelling field height designed for two 24 mm P-touch strips.

Design		Order no.	PU
Berker Arsys			
clear, with white labelling field		**1487 00**	10



Rocker

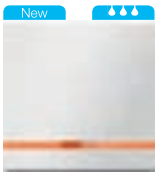
- Lens

– for illumination and monitoring circuit
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1621 89 82**	10
polar white glossy		**1621 89 89**	10
polar white matt		**1621 19 09**	10
anthracite matt		**1621 16 06**	10
aluminium matt, lacquered		**1621 14 04**	10
polar white matt, Screw-on [1]		**1572 19 09**	10
anthracite matt, Screw-on [1]		**1572 16 06**	10
aluminium matt, lacquered, Screw-on [1]		**1572 14 04**	10
Modul 2			
white glossy	#	**1621 22**	10
polar white glossy	#	**1621 19**	10
white glossy, Screw-on [1]	#	**1572 02**	10
polar white glossy, Screw-on [1]	#	**1572 09**	10
Berker Q.1/Q.3			
polar white velvety [2]		**1621 60 89**	10
anthracite velvety, lacquered [2]	*	**1621 60 86**	10
Berker K.1/K.5			
polar white glossy		**1415 70 09**	10
anthracite matt, lacquered		**1415 70 06**	10
Aluminium, aluminium anodised	*	**1415 70 03**	10
Stainless steel, metal matt finish		**1415 70 04**	10
Berker Arsys			
white glossy		**1415 00 02**	10
polar white glossy		**1415 00 69**	10
brown glossy		**1415 00 01**	10
light bronze matt, aluminium lacquered		**1416 00 01**	10
Stainless steel, metal matt finish		**1416 00 04**	10
gold matt, aluminium anodised		**1416 00 02**	10
Stainless steel, metal matt finish, Screw-on [1]		**1414 00 10**	10
Berker R.1/R.3			
polar white glossy [3]	*	**1621 20 89**	10
black glossy [3]	*	**1621 20 45**	10



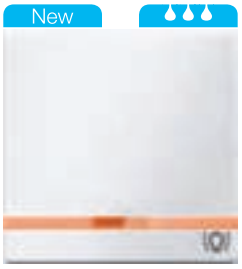








[1] with cover plug for screw fitting
[2] only orange and clear lenses enclosed
[3] with clear lens only



Rocker with imprinted symbol for light

- Lens

– for illumination and monitoring circuit
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Lenses available in orange and clear.

Design		Order no.	PU
Berker Q.1/Q.3			
polar white velvety		**1621 60 79**	10
anthracite velvety, lacquered	*	**1621 60 76**	10



Berker R.1/R.3

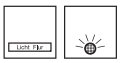
polar white glossy [1]	*	**1621 20 79**	10
black glossy [1]	*	**1621 20 35**	10

[1] with clear lens only



Rocker

- Labelling field
- Lens



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

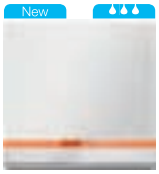
- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1628 89 82**	10
polar white glossy		**1628 89 89**	10
polar white matt		**1628 19 09**	10
anthracite matt		**1628 16 06**	10
aluminium matt, lacquered		**1628 14 04**	10
Modul 2			
white glossy [1]	#	**1628 02**	10
polar white glossy [1]	#	**1628 09**	10



Berker Q.1/Q.3

polar white velvety [2]		**1628 60 89**	10
anthracite velvety, lacquered [2]	*	**1628 60 86**	10



Berker K.1/K.5

polar white glossy [3]		**1415 71 09**	10
anthracite matt, lacquered [3]		**1415 71 06**	10
Aluminium, aluminium anodised [3]	*	**1415 71 03**	10
Stainless steel, metal matt finish [3]		**1415 71 04**	10
Berker Arsys			
white glossy		**1415 02 02**	10
polar white glossy		**1415 02 69**	10
brown glossy		**1415 02 01**	10
light bronze matt, aluminium lacquered		**1416 02 01**	10
Stainless steel, metal matt finish		**1416 02 04**	10

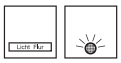
[1] labelling field height arranged for 9 mm P-touch strips
[2] only orange and clear lenses enclosed
[3] lenses with symbol for light, bell, door opener, also neutral in clear and red enclosed

New



Rocker with imprinted symbol for bell

- Labelling field
- Lens



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.
Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**1628 60 79**	10
anthracite velvety, lacquered	* **1628 60 76**	10



Rocker

- Large labelling field
- Lens



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy [1]	**1696 89 82**	10
polar white glossy [1]	**1696 89 89**	10
polar white matt [1]	**1696 19 09**	10
anthracite matt [1]	**1696 16 06**	10
aluminium matt, lacquered [1]	**1696 14 04**	10
Berker Q.1/Q.3		
polar white velvety [2]	**1696 60 89**	10
anthracite velvety, lacquered [2]	* **1696 60 86**	10
Berker K.1/K.5		
polar white glossy [3]	**1496 70 09**	10
anthracite matt, lacquered [3]	**1496 70 06**	10
aluminium matt, lacquered [3]	* **1496 70 03**	10
stainless steel matt, lacquered [3]	**1496 70 04**	10

[1] labelling field height arranged for two 12 mm P-touch strips
[2] labelling field height arranged for two 18 mm P-touch strips, only orange and clear lenses enclosed
[3] labelling field height arranged for two 9 mm P-touch strips

New



Rocker with imprinted symbol for bell

- Large labelling field
- Lens



Labelling field (W x H) ≈ 54.8 x 42.8 mm

For labelling with names, notes etc.

Labelling field height designed for two 18 mm P-touch strips.
Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**1696 60 79**	10
anthracite velvety, lacquered	* **1696 60 76**	10

Multi-pole rocker switches

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1



On/off switch 2pole 10 AX

i 850

Rated voltage	250 V~
Switching current	10 AX

- for illumination and monitoring circuit
- with plug-in terminals

Only suitable in combination with rockers with “0” imprint.

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	69
Incandescent lamp unit with N terminal	1676 ..	69
LED unit 230 V, for switches/push-buttons	168 ..	70

Design	Order no.	PU
On/off switch 2pole 10 AX	**3032**	10



On/off switch 2pole 16 AX

i 851

Rated voltage	250 V~
Switching current	16 AX

- for illumination and monitoring circuit
- with screw terminals

Only suitable in combination with rockers with “0” imprint.

Not suitable for water-protected, flush-mounted installation IP44.

For switching of 16 A socket outlets, for example.

Suitable for optional	Order no.	Page
Neon lamp unit for switches/push-buttons	1600 02	69

Design	Order no.	PU
On/off switch 2pole 16 AX	**3032 12**	10



On/off switch 2pole

- Earthing contact



Rated voltage	250 V~
Switching current	20 A

- for illumination and monitoring circuit
- can be illuminated with neon lamp unit
- with screw terminals

Suitable for optional	Order no.	Page
Neon lamp unit for switches/push-buttons	1600 02	69

Design	Order no.	PU
On/off switch 2pole	**5230 32 13**	10



On/off switch 3pole

i 851

Rated voltage	400 V~
Switching current	16 AX

- for illumination and monitoring circuit
- with screw terminals

Only suitable in combination with rockers with “0” imprint.

Not suitable for water-protected, flush-mounted installation IP44.

Suitable for optional	Order no.	Page
Neon lamp unit for on/off switch 3pole	1600	70

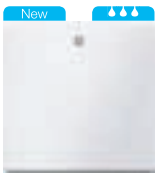
Design	Order no.	PU
On/off switch 3pole	**3033 03**	10

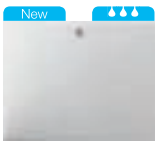


Rocker with imprint “0”

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1622 89 82**	10
polar white glossy	**1622 89 89**	10
polar white matt	**1622 19 09**	10
anthracite matt	**1622 16 06**	10
aluminium matt, lacquered	**1622 14 04**	10
polar white matt, Screw-on [1]	**1573 19 09**	10
anthracite matt, Screw-on [1]	**1573 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1573 14 04**	10
Modul 2		
white glossy	# **1622 02**	10
polar white glossy	# **1622 09**	10
white glossy, Screw-on [1]	# **1573 02**	10
polar white glossy, Screw-on [1]	# **1573 09**	10
Berker Q.1/Q.3		
polar white velvety	**1622 60 89**	10
anthracite velvety, lacquered	* **1622 60 86**	10
Berker K.1/K.5		
polar white glossy	**1425 71 09**	10
anthracite matt, lacquered	**1425 71 06**	10
Aluminium, aluminium anodised	* **1425 71 03**	10
Stainless steel, metal matt finish	**1425 71 04**	10
Berker Arsys		
white glossy	**1425 00 02**	10
polar white glossy	**1425 00 69**	10
brown glossy	**1425 00 01**	10
light bronze matt, aluminium lacquered	**1424 00 01**	10
Stainless steel, metal matt finish	**1424 00 04**	10
Berker R.1/R.3		
polar white glossy	* **1622 20 89**	10
black glossy	* **1622 20 45**	10











[1] with cover plug for screw fitting



Rocker with imprint “0”

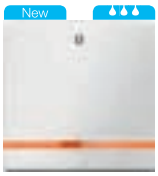
- Red lens

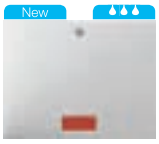


- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1624 89 82**	10
polar white glossy	**1624 89 89**	10
polar white matt	**1624 19 09**	10
anthracite matt	**1624 16 06**	10
aluminium matt, lacquered	**1624 14 04**	10
polar white matt, Screw-on [1]	**1577 19 09**	10
anthracite matt, Screw-on [1]	**1577 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1577 14 04**	10
Modul 2		
white glossy	# **1624 62**	10
polar white glossy	# **1624 69**	10
white glossy, Screw-on [1]	# **1577 02**	10
polar white glossy, Screw-on [1]	# **1577 09**	10











Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety [2]	**1624 60 89**	10
anthracite velvety, lacquered [2]	* **1624 60 86**	10
Berker K.1/K.5		
polar white glossy	**1417 71 09**	10
anthracite matt, lacquered	**1417 71 06**	10
Aluminium, aluminium anodised	* **1417 71 03**	10
Stainless steel, metal matt finish	**1417 71 04**	10
Berker Arsys		
white glossy	**1417 00 02**	10
polar white glossy	**1417 00 69**	10
brown glossy	**1417 00 01**	10
light bronze matt, aluminium lacquered	**1418 00 01**	10
Stainless steel, metal matt finish	**1418 00 04**	10
Berker R.1/R.3		
polar white glossy [3]	* **1624 20 89**	10
black glossy [3]	* **1624 20 45**	10

[1] with cover plug for screw fitting
[2] with orange lens
[3] with clear lens

Rocker switches, 2gang

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1



Series switch

i 851

Rated voltage 250 V~
Switching current 10 AX

- for illumination and monitoring circuit
- with plug-in terminals

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	69
Incandescent lamp unit with N terminal	1676 ..	69
LED unit with N terminal for series switch	1680	70
LED unit 230 V, for switches/push-buttons	1686 ..	70
LED unit for switches/push-buttons	1687	70



Design	Order no.	PU
Series switch	**3035**	10
Series switch for installation in hollow walls [1]	**3035 50**	10

[1] low installation depth, without spreader claws



Double change-over switch, isolated input terminals

i 851

Rated voltage 250 V~
Switching current 10 AX

- for illumination
- with screw terminals

Suitable for optional	Order no.	Page
Neon lamp unit for switches/push-buttons	1600 02	69



Design	Order no.	PU
Double change-over switch, isolated input terminals	**3038 08**	10

Series push-buttons

– Connection terminals according to IEC 60669-1



Series push-button

i 852

Rated voltage 250 V~
Momentary-contact current 10 A

– for illumination
– with plug-in terminals

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	69
Incandescent lamp unit with N terminal	1676 ..	69
LED unit 230 V, for switches/push-buttons	168 ..	70



Design	Order no.	PU
Series push-button, 2 NO contacts, common input terminal	**5035**	10
Series push-button, NC contact + NO contact, isolated input terminals	**5035 01**	10
Series push-button, 2 NO contacts, isolated input terminals	**5035 03**	10



Series push-button, 2 change-over contacts

i 852

Rated voltage 250 V~
Momentary-contact current 10 A

– double change-over contact, usable as NC or NO with separate input terminals
– for illumination
– with screw terminals

Suitable for optional	Order no.	Page
Neon lamp unit for switches/push-buttons	1600 02	69



Design	Order no.	PU
Series push-button, 2 change-over contacts	**5038 08**	10



Group series push-button, 4 NO contacts, common input terminal

i 852

- 0 position



Rated voltage 250 V~
Momentary-contact current 10 A

Follow the motor manufacturers' instructions.

– with neutral-position
– for illumination
– also suitable as series push-button for blinds
– with screw terminals

Suitable for optional	Order no.	Page
Neon lamp unit for switches/push-buttons	1600 02	69



Design	Order no.	PU
Group series push-button, 4 NO contacts, common input terminal	**5034 04**	10

Rockers, 2gang, for switches/push-buttons



Rocker 2gang

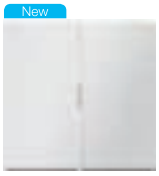
– also for KNX applications: push-button, 2gang, and group push-button, 2gang

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1623 89 82**	10
polar white glossy	**1623 89 89**	10
polar white matt	**1623 19 09**	10
anthracite matt	**1623 16 06**	10
aluminium matt, lacquered	**1623 14 04**	10
polar white matt, Screw-on [1]	**1571 19 09**	10
anthracite matt, Screw-on [1]	**1571 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1571 14 04**	10



Modul 2			
white glossy	#	**1623 02**	10
polar white glossy	#	**1623 09**	10
white glossy, Screw-on [1]	#	**1571 02**	10
polar white glossy, Screw-on [1]	#	**1571 09**	10
Berker Q.1/Q.3			
polar white velvety		**1623 60 89**	10
anthracite velvety, lacquered	*	**1623 60 86**	10

New



New

Berker K.1/K.5			
polar white glossy		**1435 70 09**	10
anthracite matt, lacquered		**1435 70 06**	10
Aluminium, aluminium anodised	*	**1435 70 03**	10
Stainless steel, metal matt finish		**1435 70 04**	10



Berker Arsys			
white glossy		**1435 00 02**	10
polar white glossy		**1435 00 69**	10
brown glossy		**1435 00 01**	10
light bronze matt, aluminium lacquered		**1434 00 01**	10
Stainless steel, metal matt finish		**1434 00 04**	10
gold matt, aluminium anodised		**1434 00 02**	10
Stainless steel, metal matt finish, Screw-on [1]		**1434 00 10**	10

New



Berker R.1/R.3			
polar white glossy	*	**1623 20 89**	10
black glossy	*	**1623 20 45**	10

[1] with cover plug for screw fitting



Rocker 2gang

- Red lens

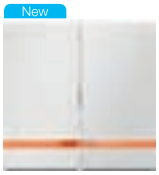


- for illumination and monitoring circuit
- also for KNX applications: push-button, 2gang, and group push-button, 2gang

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1627 89 82**	10
polar white glossy		**1627 89 89**	10
polar white matt		**1627 19 09**	10
anthracite matt		**1627 16 06**	10
aluminium matt, lacquered		**1627 14 04**	10
Modul 2			
white glossy	#	**1627 02**	10
polar white glossy	#	**1627 09**	10



New



Berker Q.1/Q.3			
polar white velvety [1]		**1627 60 89**	10
anthracite velvety, lacquered [1]	*	**1627 60 86**	10

New



Berker K.1/K.5			
polar white glossy		**1437 70 09**	10
anthracite matt, lacquered		**1437 70 06**	10
aluminium matt, lacquered	*	**1437 70 03**	10
stainless steel matt, lacquered		**1437 70 04**	10



New



Design	Order no.	PU
Berker Arsys		
white glossy	**1437 00 02**	10
polar white glossy	**1437 00 69**	10
brown glossy	**1437 00 01**	10
Berker R.1/R.3		
polar white glossy [2]	* **1627 20 89**	10
black glossy [2]	* **1627 20 45**	10

[1] with orange and clear lens
[2] with clear lens

Rocker switches, 3gang



On/off switch 3gang

Rated voltage 400 V~
Switching current 16 AX

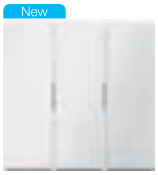
- 3 x 1pole Off
- with screw terminals

Design	Order no.	PU
On/off switch 3gang	**6330 23**	10



Rocker 3gang

New



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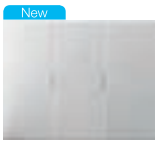




New



Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1665 89 82**	10
polar white glossy	**1665 89 89**	10
polar white matt	**1665 19 09**	10
anthracite matt	**1665 16 06**	10
aluminium matt, lacquered	**1665 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1665 60 89**	10
anthracite velvety, lacquered	* **1665 60 86**	10
Berker K.1/K.5		
polar white glossy	**1465 70 09**	10
anthracite matt, lacquered	**1465 70 06**	10
Aluminium, aluminium anodised	* **1465 70 03**	10
stainless steel matt, lacquered	**1465 70 04**	10
Berker Arsys		
white glossy	**1465 00 02**	10
polar white glossy	**1465 00 69**	10
brown glossy	**1465 00 01**	10
light bronze matt, lacquered	**1465 90 11**	10
stainless steel matt, lacquered	**1465 90 04**	10
Berker R.1/R.3		
polar white glossy	* **1665 20 89**	10
black glossy	* **1665 20 45**	10

Pullcord switches/pullcord push-buttons

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²



Pullcord switch off/change-over

i 851

Rated voltage 250 V~
Switching current 10 AX
Long pullcord 14 cm

- for illumination and monitoring circuit
- for wall and ceiling mounting
- with plug-in terminals

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1605 1 ..	69



Design	Order no.	PU
Pullcord switch off/change-over	**3966**	10



Pullcord push-button, change-over contact with separate signal contact

i 852

Rated voltage 250 V~
Momentary-contact current 10 A
Long pullcord 14 cm

- for illumination and monitoring circuit
- for wall and ceiling mounting
- with plug-in terminals

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	69
Incandescent lamp unit with N terminal	1676 ..	69



Design	Order no.	PU
Pullcord push-button, change-over contact with separate signal contact	**3956 19**	10



Centre plate for pullcord switch/pullcord push-button

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1146 89 82**	10
polar white glossy	**1146 89 89**	10
polar white matt	**1146 19 09**	10
anthracite matt	**1146 16 06**	10
aluminium matt, lacquered	**1146 14 04**	10
Modul 2		
white glossy	# **1146 02**	10
polar white glossy	# **1146 09**	10



New

Berker Q.1/Q.3		
polar white velvety	**1146 60 89**	10
anthracite velvety, lacquered	* **1146 60 86**	10



Berker K.1/K.5		
polar white glossy	**1147 70 09**	10
anthracite matt, lacquered	**1147 70 06**	10



Berker Arsys		
white glossy	**1147 00 02**	10
polar white glossy	**1147 00 69**	10
brown glossy	**1147 00 01**	10
light bronze matt, lacquered	**1147 90 11**	10
stainless steel matt, lacquered	**1147 90 04**	10



Design	Order no.	PU
Berker R.1/R.3		
polar white glossy	* **1146 20 89**	10
black glossy	* **1146 20 45**	10



Centre plate for pullcord switch/pullcord push-button

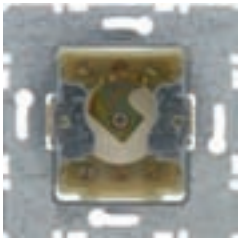
- Red lens

Design	Order no.	PU
Modul 2		
white glossy	# **1149 02**	10
polar white glossy	# **1149 09**	10

Key switches/key push-buttons

- For standardised profile half-cylinder lock, 40 mm
- For master-key systems
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Change-over switch 2pole for lock cylinders

i 852

Rated voltage 250 V~
Switching current 10 A

- without spreader claws
- with screw terminals

Not suitable for water-protected, flush-mounted installation IP44.

Suitable for	Order no.	Page
Lock cylinder	1818 ..	75



Design	Order no.	PU
Change-over switch 2pole for lock cylinders	**3826 10**	10



Change-over switch for lock cylinders

i 852

- Earthing contact

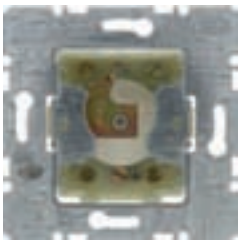
- without spreader claws
- with screw terminals

Rated voltage 250 V~
Switching current 10 A

Suitable for	Order no.	Page
Lock cylinder	1818 ..	75



Design	Order no.	PU
Change-over switch for lock cylinders	**3836 20**	10



Push-button for lock cylinder

i 852

- Earthing contact

- change-over contact, usable as NC or NO
- without spreader claws
- with screw terminals

Rated voltage 250 V~
Momentary-contact current 10 A

Suitable for	Order no.	Page
Lock cylinder	1818 ..	75

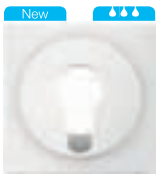


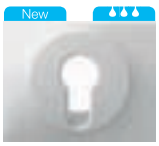
Design	Order no.	PU
Push-button for lock cylinder	**3856 20**	10



Centre plate for key switch/key push-button

Design		Suitable for Lock cylinder	Order no. 1818 ..	Page 75	PU
Berker S.1/B.3/B.7					
white glossy		**1507 89 82**			10
polar white glossy		**1507 89 89**			10
polar white matt		**1507 19 09**			10
anthracite matt		**1507 16 06**			10
aluminium matt, lacquered		**1507 14 04**			10
Modul 2					
white glossy	#	**1507 12**			10
polar white glossy	#	**1507 19**			10
Berker Q.1/Q.3					
polar white velvety		**1507 60 89**			10
anthracite velvety, lacquered	*	**1507 60 86**			10
Berker K.1/K.5					
polar white glossy		**1505 70 09**			10
anthracite matt, lacquered		**1505 70 06**			10
aluminium matt, lacquered	*	**1505 70 03**			10
stainless steel matt, lacquered		**1505 70 04**			10
Berker Arsys					
white glossy		**1505 00 12**			10
polar white glossy		**1505 00 79**			10
brown glossy		**1505 00 11**			10
light bronze matt, lacquered		**1505 90 21**			10
stainless steel matt, lacquered		**1505 90 14**			10







Residual current circuit-breakers



Residual current circuit-breaker

i 909

Rated voltage	230 V~
Frequency	50/60 Hz
Rated current	16 A
Measurement error current	30 mA
Trigger time	≤ 30 ms
Short-circuit resistance (with back-up fuse 16 AgL)	3 kA
Surge current resistance	250 A (8/20) µs
Operating temperature	-25 ... +40 °C
Insertion depth	32 mm

- to protect downstream loads
- type A for alternating currents and pulsating direct currents
- without spreader claws
- with plug-in terminals

Tested conform according to VDE 0664 (EN 61008)
Suitable for use according to according to DIN VDE 0100-410



Design	Order no.	PU
Residual current circuit-breaker	**2844**	1



50 x 50 mm centre plate for RCD protection switch

Caution!
Use only with intermediate ring for 50 x 50 mm centre plate from the corresponding range.

Design	Order no.	PU
white glossy	**1493 02**	1
polar white glossy	**1493 09**	1
polar white matt/velvety	**1493 19 09**	1
anthracite matt	**1493 16 06**	1
brown glossy	**1493 01**	1
aluminium matt, lacquered	**1493 14 04**	1
light bronze matt, lacquered	**1493 11**	1
stainless steel matt, lacquered	**1493 04**	1

Time switches

Mechanical time switches



Mechanical timer

i 851

Rated voltage	250 V~
Switching current	16 AX
Running accuracy	± 10 % per month

- reset with slip-clutch
- with through terminal
- without spreader claws
- with screw terminals



Design	Order no.	PU
2-pole off, 15 min	**2040**	1
2-pole off, 120 min	**2041**	1



Centre plate for mechanical timer, 15 min

- with time scale symbol imprint

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1632 89 82**	1
polar white glossy	**1632 89 89**	1
polar white matt	**1632 19 09**	1
anthracite matt	**1632 16 06**	1
aluminium matt, lacquered	**1632 14 04**	1



Modul 2		
white glossy	# **1632 02**	1
polar white glossy	# **1632 09**	1

New



Berker Q.1/Q.3		
polar white velvety	**1632 60 89**	1
anthracite velvety, lacquered	* **1632 60 86**	1

New



Berker K.1/K.5		
polar white glossy	**1634 71 09**	1
anthracite matt, lacquered	**1634 71 06**	1
Aluminium, aluminium anodised	* **1634 71 03**	1
Stainless steel, metal matt finish	**1634 71 04**	1



Design		Order no.	PU
Berker Arsys			
white glossy		**1634 00 02**	1
polar white glossy		**1634 00 69**	1
brown glossy		**1634 00 01**	1
light bronze matt, aluminium lacquered		**1634 01 01**	1
Stainless steel, metal matt finish		**1634 01 04**	1
gold/polar white, matt/glossy, aluminium anodised		**1634 01 02**	1
Berker R.1/R.3			
polar white glossy	*	**1632 20 89**	1
black glossy	*	**1632 20 45**	1

New





Centre plate for mechanical timer, 120 min

– with time scale symbol imprint

Design		Order no.	PU
Berker S.1/B.3/B.7			
polar white glossy		**1633 89 89**	1
white glossy		**1633 89 82**	1
polar white matt		**1633 19 09**	1
anthracite matt		**1633 16 06**	1
aluminium matt, lacquered		**1633 14 04**	1
Modul 2			
white glossy	#	**1633 02**	1
polar white glossy	#	**1633 09**	1



New



Berker Q.1/Q.3			
polar white velvety		**1633 60 89**	1
anthracite velvety, lacquered	*	**1633 60 86**	1

New



Berker K.1/K.5			
polar white glossy		**1635 71 09**	1
anthracite matt, lacquered		**1635 71 06**	1
Aluminium, aluminium anodised	*	**1635 71 03**	1
Stainless steel, metal matt finish		**1635 71 04**	1



Berker Arsys			
white glossy		**1635 00 02**	1
polar white glossy		**1635 00 69**	1
brown glossy		**1635 00 01**	1
light bronze matt, aluminium lacquered		**1635 01 01**	1
Stainless steel, metal matt finish		**1635 01 04**	1
gold/polar white, matt/glossy, aluminium anodised		**1635 01 02**	1
Berker R.1/R.3			
polar white glossy	*	**1633 20 89**	1
black glossy	*	**1633 20 45**	1

New



Electronic time switches



Time relay insert

Operating voltage	230/240 V~
Frequency	50/60 Hz
Delay time, adjustable	≈ 1 min ... 1 h
230 V incandescent lamps	1500 W
230 V halogen lamps	300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- uncompensated	500 VA
- parallel compensated	150 VA
- in Duo circuit	1000 VA
Axis dimension Ø	4 mm

- is switched off when actuated in the switched-on state
- very low noise
- with extension unit input for push-button (NO contact)
- electronic timer with on/off pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with red control LED

Suitable for optional	Order no.	Page
Making current limiter	185	74

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Neutral conductor necessary!

Design	Order no.	PU
Time relay insert	**2948 10**	1



Centre plate for time relay insert

- Push-button with clear lens
- with imprint

Axis dimension Ø 4 mm

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1674 89 82**	10
polar white glossy	**1674 89 89**	10
polar white matt	**1674 19 09**	10
anthracite matt	**1674 16 06**	10
aluminium matt, lacquered	**1674 14 04**	10
Berker Q.1/Q.3		
polar white velvety	**1674 60 89**	10
anthracite velvety, lacquered	* **1674 60 86**	10

New



Berker R.1/R.3		
polar white glossy	* **1674 20 89**	10
black glossy	* **1674 20 45**	10

New





Insert for timer

i 854

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	1000 W
Conventional transformers	500 VA
Electronic transformers	750 W
Fluorescent lamps:	
- uncompensated	500 VA
- parallel compensated	400 VA
- in Duo circuit	1000 VA

- with 230 V extension unit inputs for on and off
- with potential-free contact
- with screw terminals

Suitable for optional	Order no.	Page
Making current limiter	185	74

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Recommendation: use deep box.

Neutral conductor necessary!

Design	Order no.	PU
Insert for timer	**2948**	1



Timer comfort for sensors

- Display

Number of switching times for on/off	18
Astronomic time shift	± 2 h
Twilight setting range	≈ 6 ... 300 lx
Running accuracy	± 1 % per month
Power reserve	≈ 24 h
Random number generator	± 15 min
Countdown function	0 ... 23 h 59 min

For manual and time-programmed switching of electrical loads.

- after charging, the timer can also be programmed when removed.
- with imprint in German
- large-area display with symbols
- for sensor connection to socket contact or terminal block
- connected RolloTec brightness sensor can be used for twilight-controlled switching-on
- with slide switch for manual/automatic
- with slide switch from summer to winter time
- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

Suitable for	Order no.	Page
Insert for timer	2948	38
optional		
RolloTec brightness sensor	169	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor surface-mounted	184	128

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1738 89 82**	1
polar white glossy		**1738 89 89**	1
polar white matt		**1738 19 09**	1
anthracite matt		**1738 16 06**	1
aluminium matt, lacquered		**1738 14 04**	1
Modul 2			
white glossy	#	**1738 02**	1
polar white glossy	#	**1738 09**	1



New



Berker Q.1/Q.3			
polar white velvety		**1738 60 89**	1
anthracite velvety, lacquered	*	**1738 60 86**	1

New



Berker K.1/K.5			
polar white glossy		**1738 71 09**	1
anthracite matt, lacquered		**1738 71 06**	1
aluminium matt, lacquered	*	**1738 71 03**	1
stainless steel matt, lacquered		**1738 71 04**	1



Design	Order no.	PU
Berker Arsys		
white glossy	**1738 00 02**	1
polar white glossy	**1738 00 69**	1
brown glossy	**1738 00 01**	1
light bronze matt, lacquered	**1738 90 11**	1
stainless steel matt, lacquered	**1738 90 04**	1



Timer comfort

i **854**

- Display



Number of switching times for on/off	18
Astronomic time shift	± 2 h
Power reserve	≈ 24 h
Random number generator	± 15 min
Countdown function	0 ... 23 h 59 min

For manual and time-programmed switching of electrical loads.

- after charging, the timer can also be programmed when removed.
- with imprint in German
- large-area display with symbols
- with slide switch for manual/automatic
- with slide switch from summer to winter time
- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

Suitable for	Order no.	Page
Insert for timer	2948	38





Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1736 89 82**	1
polar white glossy	**1736 89 89**	1
polar white matt	**1736 19 09**	1
anthracite matt	**1736 16 06**	1
aluminium matt, lacquered	**1736 14 04**	1
Modul 2		
white glossy	# **1736 02**	1
polar white glossy	# **1736 09**	1

New



Berker Q.1/Q.3		
polar white velvety	**1736 60 89**	1
anthracite velvety, lacquered	* **1736 60 86**	1

New



Berker K.1/K.5		
polar white glossy	**1736 71 09**	1
anthracite matt, lacquered	**1736 71 06**	1
aluminium matt, lacquered	* **1736 71 03**	1
stainless steel matt, lacquered	**1736 71 04**	1
Berker Arsys		
white glossy	**1736 00 02**	1
polar white glossy	**1736 00 69**	1
brown glossy	**1736 00 01**	1
light bronze matt, lacquered	**1736 90 11**	1
stainless steel matt, lacquered	**1736 90 04**	1





Timer Easy

854

- Display

Switching times for on/off per program block 2

Power reserve (maintenance-free) ≈ 4 h

For manual and time-programmed switching of electrical loads.

- display of next switching time
- large-area display with symbols
- with slide switch for manual/automatic
- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of switching times
- programmable for approx. 4 h after removing insert
- with quick programming mode
- with automatic summer-/winter time switching (can be switched off)

Suitable for	Order no.	Page
Insert for timer	2948	38

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1735 89 82**	1
polar white glossy		**1735 89 89**	1
polar white matt		**1735 19 09**	1
anthracite matt		**1735 16 06**	1
aluminium matt, lacquered		**1735 14 04**	1
Modul 2			
white glossy	#	**1735 02**	1
polar white glossy	#	**1735 09**	1
Berker Q.1/Q.3			
polar white velvety		**1735 60 89**	1
anthracite velvety, lacquered	*	**1735 60 86**	1
Berker K.1/K.5			
polar white glossy		**1735 70 09**	1
anthracite matt, lacquered		**1735 70 06**	1
aluminium matt, lacquered	*	**1735 70 03**	1
stainless steel matt, lacquered		**1735 70 04**	1
Berker Arsys			
white glossy		**1735 00 02**	1
polar white glossy		**1735 00 69**	1
brown glossy		**1735 00 01**	1
light bronze matt, lacquered		**1735 90 11**	1
stainless steel matt, lacquered		**1735 90 04**	1

Dimmers

Rotary dimmers



Rotary dimmer with cover plate

856

- Setting knob

Operating voltage 230 V~

Frequency 50 Hz

230 V incandescent lamps and halogen lamps 60 ... 400 W

Number of built-in power boosters (R, L) max. 10

Axis dimension Ø 4 mm

- bulb-preserving soft startup
- phase cut-on
- with rotary on/off switch
- short-circuit and overload proof (fine-wire fuse)
- with screw terminals

Suitable for optional	Order no.	Page
Tronic power booster built-in (R, C)	2868	59

Design		Order no.	PU
Berker S.1			
white glossy		**2819 89 82**	1
polar white glossy		**2819 89 89**	1
polar white matt		**2819 99 09**	1



Modul 2

white glossy	#	**2819 02**	1
polar white glossy	#	**2819 09**	1



Rotary dimmer 400 W

- Setting knob



- phase cut-on
- with change-over pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with screw terminals

Operating voltage	230/240 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	60 ... 400 W
Number of built-in power boosters (R, L)	max. 10
Axis dimension Ø	4 mm



Possible to change fuse without removing cover.



Suitable for optional	Order no.	Page
Power booster built-in (R, L)	2869	60

Design	Order no.	PU
Rotary dimmer 400 W	**2830 10**	1



Rotary dimmer 400 W

- Soft locking



- bulb-preserving soft startup
- phase cut-on
- with rotary on/off switch
- short-circuit and overload proof (fine-wire fuse)
- with screw terminals

Operating voltage	230 V~
Frequency	50 Hz
Loss power at full load	≈ 4 W
230 V incandescent lamps and halogen lamps	60 ... 400 W
Number of built-in power boosters (R, L)	max. 10
Operating temperature	+5 ... +25 °C
Conductor cross-section (rigid)	max. 2,5 / 2 x 1.5 mm²
Axis dimension Ø	4 mm



Possible to change fuse without removing cover.



Suitable for optional	Order no.	Page
Power booster built-in (R, L)	2869	60

Design	Order no.	PU
Rotary dimmer 400 W	**2819 01**	10



Rotary dimmer 600 W

i 856

- Soft locking



- phase cut-on
- with change-over pressure switch
- voltage test possible without dismantling
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with plug-in terminals

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	60 ... 600 W
Number of built-in Tronics or power boosters (R, L)	max. 10
Axis dimension Ø	4 mm



Possible to change fuse without removing cover.



Suitable for optional	Order no.	Page
Mains decoupler RMD	187 00	74
Mains decoupler comfort RMD	1 8799 01	73
Power booster built-in (R, L)	2869	60
Tronic power booster built-in (R, C)	2868	59

Design	Order no.	PU
Rotary dimmer 600 W	**2875**	1



Rotary dimmer 600 W

Operating voltage	230/240 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	60 ... 600 W
Number of built-in power boosters (R, L)	max. 10
Axis dimension Ø	4 mm

Possible to change fuse without removing cover.

- phase cut-on
- with change-over pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with screw terminals

Suitable for optional	Order no.	Page
Power booster built-in (R, L)	2869	60

Design	Order no.	PU
Rotary dimmer 600 W	**2860 10**	1



Rotary dimmer 1000 W

856

- Soft locking

Operating voltage	230/240 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	100 ... 1000 W
Number of built-in Tronics or power boosters (R, L)	max. 10
Axis dimension Ø	4 mm

- phase cut-off
- with change-over pressure switch
- short-circuit and overload proof (electronic fuse)
- with screw terminals

Suitable for optional	Order no.	Page
Power booster built-in (R, L)	2869	60
Tronic power booster built-in (R, C)	2868	59

Design	Order no.	PU
Rotary dimmer 1000 W	**2885**	1



Rotary dimmer (R, L)

856

- Soft locking

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable conventional transformers	20 ... 500 VA
Number of built-in power boosters (R, L)	max. 10
Axis dimension Ø	4 mm

Possible to change fuse without removing cover.

- phase cut-on
- basic brightness programmable
- with change-over pressure switch
- voltage test possible without dismantling
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with terminal for base load from mains isolator
- with plug-in terminals

Suitable for optional	Order no.	Page
Mains decoupler RMD	187 00	74
Mains decoupler comfort RMD	1 8799 01	73
Power booster built-in (R, L)	2869	60

Design	Order no.	PU
Rotary dimmer (R, L)	**2873**	1

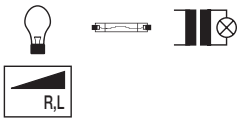


Rotary dimmer (R, L)

Operating voltage	230/240 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable conventional transformers	20 ... 500 VA
Number of built-in power boosters (R, L)	max. 10
Axis dimension Ø	4 mm

- phase cut-on
- with change-over pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with screw terminals

Suitable for optional	Order no.	Page
Power booster built-in (R, L)	2869	60



Possible to change fuse without removing cover.

In case of excessive switch-on currents (for conventional transformers), use switch-on current limiters order no. 185.



Design	Order no.	PU
Rotary dimmer (R, L)	**2866 10**	1

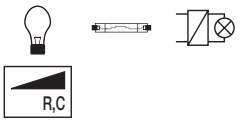


Tronic rotary dimmer 360 W (R, C)

Operating voltage	230/240 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	20 ... 360 W
Electronic transformers	20 ... 360 W
Number of built-in Tronic power boosters (R, C)	max. 10
Number of universal power boosters, 500 W	max. 10
Axis dimension Ø	4 mm

- bulb-preserving soft startup
- phase cut-off
- very low noise
- with change-over pressure switch
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with screw terminals

Suitable for optional	Order no.	Page
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	59



Trouble-free operation will be obtained only with Berker Tronic transformers.



Design	Order no.	PU
Tronic rotary dimmer 360 W (R, C)	**2867 10**	1



Tronic rotary dimmer 525 W (R, C)

i 856

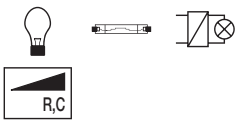
- Soft locking



Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	20 ... 525 W
Electronic transformers	20 ... 525 W
Number of built-in Tronic power boosters (R, C)	max. 10
Number of universal power boosters, 500 W	max. 10
Axis dimension Ø	4 mm

- bulb-preserving soft startup
- phase cut-off
- very low noise
- with change-over pressure switch
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- voltage test possible without dismantling
- short-circuit and overload proof (electronic fuse)
- with terminal for base load from mains isolator
- with plug-in terminals

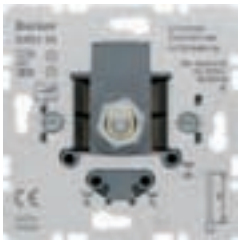
Suitable for optional	Order no.	Page
Mains decoupler RMD	187 00	74
Mains decoupler comfort RMD	1 8799 01	73
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	59



Trouble-free operation will be obtained only with Berker Tronic transformers.



Design	Order no.	PU
Tronic rotary dimmer 525 W (R, C)	**2874**	1



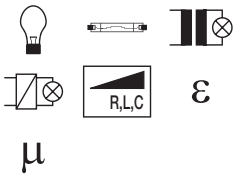
Universal rotary dimmer (R, L, C)

i 857

- Soft locking



Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Axis dimension Ø	4 mm



Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

- with input for extension units insert for universal rotary dimmer
- with brightness memory
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- very low noise
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- with incremental encoder
- voltage test possible without dismantling
- short-circuit and overload proof (electronic fuse)
- with plug-in terminals

Suitable for optional	Order no.	Page
Mains decoupler RMD	187 00	74
Mains decoupler comfort RMD	1 8799 01	73
Power booster built-in (R, L)	2869	60
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	59



Design	Order no.	PU
Universal rotary dimmer (R, L, C)	**2861 10**	1



Extension units insert for universal rotary dimmer

i 857

- Soft locking



Operating voltage	230 V~
Frequency	50/60 Hz
Number of substations	max. 5
Axis dimension Ø	4 mm

- as extension unit for universal rotary dimmer
- voltage test possible without dismantling
- with incremental encoder
- with plug-in terminals



Design	Order no.	PU
Extension units insert for universal rotary dimmer	**2862 10**	1

Rotary potentiometers DALI



Rotary potentiometer DALI

i 878

- Soft locking



DALI voltage	16 V= (9,5 … 22,5 V=)
Current consumption	< 2 mA
Quantity of DALI devices	max. 64
DALI cable length at 1.5 mm²	max. 200 m
Axis dimension Ø	4 mm

Possible to change fuse without removing cover.

Not suitable for combining with other DALI sensors or central units.

DALI draft according to DIN IEC 60929

Power supply required to DALI specifications DIN IEC 60929 required

- for switching and controlling electr. ballasts and Tronic transformer with DALI interface
- with on/off pressure switch
- basic brightness programmable
- e.g. for fluorescent lamps and LV halogen lamps
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- for wiring in parallel (last potentiometer setting applicable)
- control is effected by central telegram (broadcast)
- with screw terminals



Design	Order no.	PU
Rotary potentiometer DALI	**2897**	1



DALI rotary potentiometer with power supply

- Soft locking

Rated voltage	230 V~
Frequency	50/60 Hz
DALI voltage	16 V=
Output current	max. 52 mA
Power consumption	>= 1.5 W
DALI cable length at 1.5 mm²	max. 200 m
Axis dimension Ø	4 mm
Quantity of DALI devices with an active DALI potentiometer	26
Quantity of DALI devices with 4 active DALI potentiometers in parallel	104

Not suitable for combining with other DALI sensors or centres.

DALI draft according to DIN IEC 60929

- for switching and controlling electr. ballasts and Tronic transformer with DALI interface
- with on/off pressure switch
- basic brightness programmable
- switch-on brightness level can be stored safe after power failure
- e.g. for fluorescent lamps and LV halogen lamps
- short-circuit and overload proof (electronic fuse)
- supplies the necessary control current for additional DALI users in the active operation to mains vo
- without mains voltage in passive operation on DALI voltage the unit serves as an additional control
- parallel connection of max. 4 active DALI potentiometers possible
- control is effected by central telegram (broadcast)
- with incremental encoder
- with screw terminals

DALI

Design	Order no.	PU
DALI rotary potentiometer with power supply	**2898**	1

1-10 V Rotary potentiometers



1-10 V rotary potentiometer

i 877

- Soft locking

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	6 A
Control current	50 mA
Axis dimension Ø	4 mm

With excessive switch-on currents, use switching current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

Possible to change fuse without removing cover.

When using LV halogen lamps, we recommend the 1 - 10 V Tronic transformer, 105 W, order no. 2977.

Interface to according to DIN EN 61347-2-3

- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with on/off pressure switch
- basic brightness programmable
- e.g. for fluorescent lamps and LV halogen lamps
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals

Suitable for optional	Order no.	Page
Making current limiter	185	74
Mains decoupler RMD	187 00	74
Mains decoupler comfort RMD	1 8799 01	73

1-10V

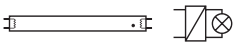
Design	Order no.	PU
1-10 V rotary potentiometer	**2891 10**	1



1 - 10 V push-button rotary potentiometer, NO contact

i 877

- Soft locking



Operating voltage	230/240 V~
Frequency	50/60 Hz
Momentary-contact current	max. 2 A
Control current	50 mA
Axis dimension Ø	4 mm

With excessive switch-on currents, use switching current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

Possible to change fuse without removing cover.

When using LV halogen lamps, we recommend the 1 - 10 V Tronic transformer, 105 W, order no. 2977.

Interface to according to DIN EN 61347-2-3

- with push-button, NO contact
- e.g. for fluorescent lamps and LV halogen lamps
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- for activation of pulse relays
- for controlling electronic ballasts and Tronic transformers with 1 - 10 V interface, 105 W
- with screw terminals

Suitable for optional	Order no.	Page
Making current limiter	185	74
Mains decoupler RMD	187 00	74
Mains decoupler comfort RMD	1 8799 01	73

1-10V

Design	Order no.	PU
1 - 10 V push-button rotary potentiometer, NO contact	**2896 10**	1

Covers for rotary dimmers/rotary potentiometers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Centre plate for rotary dimmer/rotary potentiometer

- Setting knob

Axis dimension Ø 4 mm

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1137 89 82**	10
polar white glossy		**1137 89 89**	10
polar white matt		**1137 19 09**	10
anthracite matt		**1137 16 06**	10
aluminium matt, lacquered		**1137 14 04**	10
Modul 2			
white glossy	#	**1137 02**	10
polar white glossy	#	**1137 09**	10
Berker Q.1/Q.3			
polar white velvety		**1137 60 89**	10
anthracite velvety, lacquered	*	**1137 60 86**	10
Berker K.1/K.5			
polar white glossy		**1135 70 09**	10
anthracite matt, lacquered		**1135 70 06**	10
Aluminium, aluminium anodised	*	**1135 70 03**	10
Stainless steel, metal matt finish		**1135 70 04**	10
Berker Arsys			
white glossy		**1135 00 02**	10
polar white glossy		**1135 00 69**	10
brown glossy		**1135 00 01**	10
light bronze matt, aluminium lacquered		**1134 00 01**	10
Stainless steel, metal matt finish		**1134 00 04**	10
gold matt, aluminium anodised		**1134 00 02**	10





New



New





Design	Order no.	PU
Berker R.1/R.3		
polar white glossy	* **1137 20 89**	10
black glossy	* **1137 20 45**	10



Cover for rotary dimmers/rotary potentiometers

- Setting knob

Axis dimension Ø 4 mm

Design	Order no.	PU
Berker S.1		
white glossy	**1130 89 82**	10
polar white glossy	**1130 89 89**	10
polar white matt	**1130 99 09**	10
Modul 2		
white glossy	# **1130 02**	10
polar white glossy	# **1130 09**	10



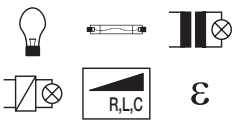
Series touch dimmers



Universal series touch dimmer (R, L, C)

i 857

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 260 W
Dimmable conventional transformers	50 ... 260 VA
Electronic transformers	50 ... 260 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of 1gang universal power boosters, 500 W for phase cut-off	max. 10



Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers to one output together with electronic transformers.

- an extension input for both series by means of BLC extension unit
- switch-on brightness retained for series on mains power failure
- bulb-preserving soft startup
- phase cut-on or cut-off per series according to load type, self-learning
- for 2 independent lighting groups
- very low noise
- short-circuit and overload proof (electronic fuse)
- with screw terminals

Suitable for optional	Order no.	Page
Power booster built-in (R, L)	2869	60
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	59



Design	Order no.	PU
Universal series touch dimmer (R, L, C)	**2901**	1



Button for universal series touch dimmer

i 857

- with 2-push-buttons operation concept per series
- for 2 independent lighting groups



Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1765 89 82**	1
polar white glossy	**1765 89 89**	1
polar white matt	**1765 19 09**	1
anthracite matt	**1765 16 06**	1
aluminium matt, lacquered	**1765 14 04**	1
Modul 2		
white glossy	# **1765 02**	1
polar white glossy	# **1765 09**	1



New



Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**1765 60 89**	1
anthracite velvety, lacquered	* **1765 60 86**	1

New



Berker K.1/K.5		
polar white glossy	**1765 70 09**	1
anthracite matt, lacquered	**1765 70 06**	1
Aluminium, aluminium anodised	* **1765 70 03**	1
Stainless steel, metal matt finish	**1765 70 04**	1



Berker Arsys		
white glossy	**1765 00 02**	1
polar white glossy	**1765 00 69**	1
brown glossy	**1765 00 01**	1
light bronze matt, aluminium lacquered	**1765 00 11**	1
Stainless steel, metal matt finish	**1765 00 04**	1
gold matt, aluminium anodised	**1765 00 12**	1

New electronics platform

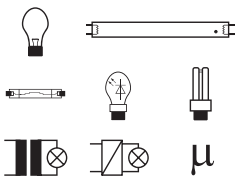
Switches

New



Relay insert

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	2300 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
Fluorescent lamps:	
- uncompensated	1100 VA/channel
- parallel compensated	1000 W /130 µF
- in Duo circuit	1000 W
- with electronical ballast (EB)	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Minimum contact load	≈ 15 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Housing installation depth	22 mm
Claw guidance installation depth	32 mm



- low intrinsic energy requirement
- also usable as push-button relay switch
- automatic setting to dimmable loads (autoDetect process)
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Suitable for optional	Order no.	Page
Making current limiter	185	74

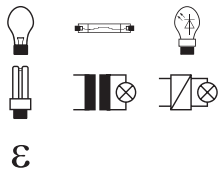
Neutral conductor necessary!

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

Design	Order no.	PU
Relay insert	* **8512 12 00**	1

New





Switch insert 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

Design	Order no.	PU
Switch insert 1gang	* **8512 11 00**	1

New



Button 1gang

Operating voltage	via insert
Operating temperature	-5 ... +45 °C

- low intrinsic energy requirement
- with 2-push-buttons operation concept
- switch-on brightness level for use on dimmer insert, power failure proof, storable
- with anti-dismantling protection

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	* **8514 11 82**	1
polar white glossy	* **8514 11 89**	1
polar white matt	* **8514 11 88**	1
anthracite matt, lacquered	* **8514 11 85**	1
aluminium matt, lacquered	* **8514 11 83**	1
Berker R.1/R.3		
polar white glossy [1]	* **8514 11 39**	1
black glossy [1]	* **8514 11 31**	1

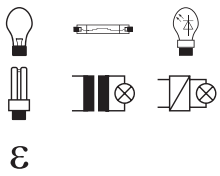
New



[1] no dismantling protection possible

New





Switch insert 2gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 1 W
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable 230 V retrofit LED lamps	per channel 12 ... 54 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. per channel 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

Design	Order no.	PU
Switch insert 2gang	* **8512 22 00**	1

New



Button 2gang

Operating voltage	via insert
Operating temperature	-5 ... +45 °C

- low intrinsic energy requirement
- with 2-push-buttons operation concept per series
- switch-on brightness level for use on dimmer insert, power failure proof, storable
- with anti-dismantling protection

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	* **8514 21 82**	1
polar white glossy	* **8514 21 89**	1
polar white matt	* **8514 21 88**	1
anthracite matt, lacquered	* **8514 21 85**	1
aluminium matt, lacquered	* **8514 21 83**	1
Berker R.1/R.3		
polar white glossy [1)]	* **8514 21 39**	1
black glossy [1)]	* **8514 21 31**	1

New



[1)] no dismantling protection possible

Dimmers

New



Touch dimmer (R, L)

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- switch-on brightness level can be stored safe after power failure
- bulb-preserving soft startup
- phase cut-on
- short-circuit and overload proof (electronic fuse)
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Suitable for optional	Order no.	Page
Universal power booster Plus RMD	1 6599 01	59

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

Design	Order no.	PU
Touch dimmer (R, L)	* **8542 11 00**	1

New



Universal touch dimmer 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Quantity LED lamps	max. 8
Quantity energy-saving lamps	max. 8
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

Design	Order no.	PU
Universal touch dimmer 1gang	* **8542 12 00**	1

New



Button 1gang

Operating voltage	via insert
Operating temperature	-5 ... +45 °C

- low intrinsic energy requirement
- with 2-push-buttons operation concept
- switch-on brightness level for use on dimmer insert, power failure proof, storable
- with anti-dismantling protection

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	* **8514 11 82**	1
polar white glossy	* **8514 11 89**	1
polar white matt	* **8514 11 88**	1
anthracite matt, lacquered	* **8514 11 85**	1
aluminium matt, lacquered	* **8514 11 83**	1
Berker R.1/R.3		
polar white glossy [1]	* **8514 11 39**	1
black glossy [1]	* **8514 11 31**	1

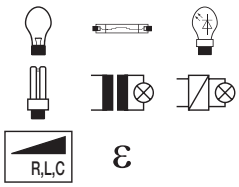
New



[1] no dismantling protection possible

New





Universal touch dimmer 2gang

Operating voltage	230 V~	
Frequency	50/60 Hz	
Power consumption, standby (Channel 1/Channel 2)	0,3/0,7 W	
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W	
Dimmable 230 V retrofit LED lamps	per channel 12 ... 40 W	
Dimmable energy-saving lamps	per channel 15 ... 54 W	
Dimmable conventional transformers	per channel 35 ... 300 VA	
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W	
Quantity LED lamps	per channel max. 8	
Operating temperature	-5 ... +45 °C	
Number of substations	unlimited	
Cable length, extensions	max. per channel 50 m	
Load cable length	max. 100 m	
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²	
Insertion depth	32 mm	

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Do not connect inductive and capacitive loads jointly per series.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

Design	Order no.	PU
Universal touch dimmer 2gang	* **8542 21 00**	1

New



Button 2gang

Operating voltage	via insert
Operating temperature	-5 ... +45 °C

- low intrinsic energy requirement
- with 2-push-buttons operation concept per series
- switch-on brightness level for use on dimmer insert, power failure proof, storable
- with anti-dismantling protection

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	* **8514 21 82**	1
polar white glossy	* **8514 21 89**	1
polar white matt	* **8514 21 88**	1
anthracite matt, lacquered	* **8514 21 85**	1
aluminium matt, lacquered	* **8514 21 83**	1

New



Berker R.1/R.3		
polar white glossy [1]	* 8514 21 39	1
black glossy [1]	* 8514 21 31	1

[1] no dismantling protection possible

BLC -Berker Light Control

BLC switches







BLC triac insert (R, L)

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	40 ... 400 W
Dimmable conventional transformers	40 ... 400 VA
Operating temperature	-20 ... +45 °C

Light scene function (On/Off) in conjunction with BLC radio button.

Possible to change fuse without removing cover.

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals

Suitable for	Order no.	Page
BLC push-buttons		page 57
BLC controller		page 92
BLC presence detectors		page 99

Design	Order no.	PU
BLC triac insert (R, L)	**2905**	1



BLC tronic insert (R, C)

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Electronic transformers	50 ... 420 W
Operating temperature	-20 ... +45 °C

Light scene function (On/Off) in conjunction with BLC radio button.

For trouble-free operation, we recommend Berker Tronic transformers.

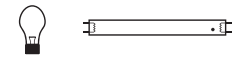
- bulb-preserving soft startup
- phase cut-off
- when cover is detached, the switch status is retained (wallpaper function)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (electronic fuse)
- with screw terminals

Suitable for	Order no.	Page
BLC push-buttons		page 57
BLC controller		page 92
BLC presence detectors		page 99



Design	Order no.	PU
BLC tronic insert (R, C)	**2916**	1







BLC relay insert

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Operating temperature	-20 ... +45 °C
Insertion depth	22 mm

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!



i 859

- when cover is detached, the switch status is retained (wallpaper function)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- also usable as push-button relay switch
- with screw terminals

Suitable for	Order no.	Page
BLC push-buttons		page 57
BLC controller		page 92
BLC presence detectors		page 99
optional		
Making current limiter	185	74

Design	Order no.	PU
BLC relay insert	**2906**	1





BLC relay insert

- Potential-free contact



Operating voltage	230 V~
Frequency	50/60 Hz
Minimum load (at 12 V)	100 mA
230 V incandescent lamps	800 W
230 V halogen lamps	750 W
Operating temperature	+5 ... +35 °C

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!



i 859

- when cover is detached, the switch status is retained (wallpaper function)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- also usable as push-button relay switch
- potential-free contact for function extra-low voltage FELV (only change-over voltage) suitable
- with screw terminals

Suitable for	Order no.	Page
BLC push-buttons		page 57
BLC controller		page 92
BLC presence detectors		page 99
optional		
Making current limiter	185	74

Design	Order no.	PU
BLC relay insert	**2906 10**	1



BLC relay insert HVAC

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	1000 W
Conventional transformers	750 VA
Electronic transformers	750 W
Motor switching current (HLK channel)	2.1 A
230 V incandescent lamps (HVAC-channel)	800 W
230 V halogen lamps (HVAC-channel)	750 W
Fluorescent lamps:	
- uncompensated	500 VA
- in Duo circuit	1000 VA
Switch on delay HVAC-channel	0/3 min
HVAC-channel adjustable	≈ 2/10/30/60/120 min

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!

- when cover is detached, the switch status is retained (wallpaper function)
- switch on delay for HVAC channel can be activated/deactivated permanently with BLC button
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- also usable as push-button relay switch
- with delay time HVAC relay contact for e.g. valve drive, thermostat, fan ...
- potential-free HVAC contact suitable for function extra-low voltage FELV (only alternating voltage)
- with screw terminals

Suitable for	Order no.	Page
BLC push-buttons		page 57
BLC controller		page 92
BLC presence detectors		page 99
optional		
Making current limiter	185	74

Design	Order no.	PU
BLC relay insert HVAC	**2912**	1

BLC stairwell light system



BLC timer RMD for stairway light

i 868

Operating voltage	230 V~
Frequency	50 Hz
Delay time, adjustable	≈ 10 s ... 15 min
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Switch-on time (ED)	100 %
Electronic ballasts (EB)	700 W
Width of rail mounted device (RMD)	1 TE

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

For contact suppression (spark suppression), we recommend using the radio interference suppressor, order no. 123.

For the connection of BLC inserts for timers and push-buttons, NO contact.

For 3-conductor circuit with neutral conductor and for 4-conductor circuit with neutral conductor or with phase.

Neutral conductor necessary!

For upgrading of stairwell light and pulse circuits without additional wiring.

- with slide switch for off/automatic/automatic with switch-off pre-warning/continuous on
- with switch-off advance warning, flashing at 30, 20 and 10 seconds before switching off
- NO contact
- with screw terminals

Suitable for	Order no.	Page
BLC insert for timer	2934 10	56
optional		
Making current limiter	185	74
Interference suppressor for controller	123	108

Design	Order no.	PU
light grey	**163 01**	1



BLC insert for timer

i 868

Operating voltage	230 V~
Frequency	50 Hz
Control cable length	max. 100 m
Insertion depth	22 mm

Note:
Delay time setting, switch-off prewarning and functions for off/automatic/continuous on are carried out on the BLC timer RMD for the stairway light.

For 3-conductor circuit with neutral conductor and for 4-conductor circuit with neutral conductor or phase.

Only suitable for BLC controller with imprint release issue “R3”.

For upgrading of stairwell light and pulse circuits without additional wiring.

- with screw terminals

Suitable for	Order no.	Page
BLC push-buttons		page 57
BLC controller		page 92
BLC presence detectors		page 99
BLC timer RMD for stairway light	163 01	55



Design	Order no.	PU
BLC insert for timer	**2934 10**	1

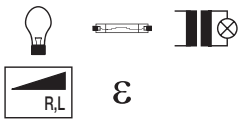
BLC dimmers



BLC touch dimmer (R, L)

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable conventional transformers	20 ... 500 VA
Number of built-in power boosters (R, L)	max. 10
Operating temperature	-20 ... +45 °C



Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

Possible to change fuse without removing cover.

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on
- switch-on brightness memory function
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals

Suitable for	Order no.	Page
BLC push-buttons		page 57
BLC controller		page 92
BLC presence detectors		page 99
optional		
Power booster built-in (R, L)	2869	60



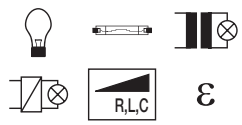
Design	Order no.	PU
BLC touch dimmer (R, L)	**2904**	1



BLC universal touch dimmer (R, L, C)

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Operating temperature	-20 ... +45 °C
Insertion depth	22 mm



Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (electronic fuse)
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- with screw terminals

Suitable for	Order no.	Page
BLC push-buttons		page 57
BLC controller		page 92
BLC presence detectors		page 99
optional		
Mains decoupler RMD	187 00	74
Mains decoupler comfort RMD	1 8799 01	73
Power booster built-in (R, L)	2869	60
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	59



Design	Order no.	PU
BLC universal touch dimmer (R, L, C)	**2902**	1



BLC 1 - 10 V push-button control unit

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	3.04 A
Control current	50 mA
Operating temperature	+5 ... +35 °C

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

In case of excessive switch-on currents use switch-on current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

When using LV halogen lamps, we recommend Berker 1 - 10 V Tronic transformers, 105 W, order no. 2977.

Neutral conductor necessary!

Interface to according to DIN EN 61347-2-3

- when cover is detached, the switch status is retained (wallpaper function)
- basic brightness programmable
- switch-on brightness level can be stored safe after power failure
- e.g. for fluorescent lamps and LV halogen lamps
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

Suitable for	Order no.	Page
BLC push-buttons		page 57
BLC controller		page 92
BLC presence detectors		page 99
optional		
Making current limiter	185	74

1-10V

Design	Order no.	PU
BLC 1 - 10 V push-button control unit	**2903**	1

BLC extension units



BLC extension unit

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
Insertion depth	22 mm

- with screw terminals

Suitable for	Order no.	Page
BLC push-buttons		page 57
optional		
Mains decoupler RMD	187 00	74
Mains decoupler comfort RMD	1 8799 01	73

Design	Order no.	PU
BLC extension unit	**2907**	1

BLC push-buttons



BLC push-button

i 859

- with 2-push-buttons operation concept
- switch-on brightness for BLC dimmer insert mains-failure protection storable

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56

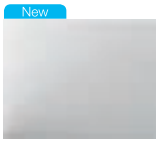
Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1761 89 82**	1
polar white glossy	**1761 89 89**	1
polar white matt	**1761 19 09**	1
anthracite matt	**1761 16 06**	1
aluminium matt, lacquered	**1761 14 04**	1
Modul 2		
white glossy	# **1761 02**	1
polar white glossy	# **1761 09**	1
Berker Q.1/Q.3		
polar white velvety	**1761 60 89**	1
anthracite velvety, lacquered	* **1761 60 86**	1



New



New





Design	Order no.	PU
Berker K.1/K.5		
polar white glossy	**1761 70 09**	1
anthracite matt, lacquered	**1761 70 06**	1
Aluminium, aluminium anodised	* **1761 70 03**	1
Stainless steel, metal matt finish	**1761 70 04**	1
Berker Arsys		
white glossy	**1761 00 02**	1
polar white glossy	**1761 00 69**	1
brown glossy	**1761 00 01**	1
light bronze matt, aluminium lacquered	**1761 00 11**	1
Stainless steel, metal matt finish	**1761 00 04**	1
gold matt, aluminium anodised	**1761 00 12**	1

(Built-in)dimmers/power boosters

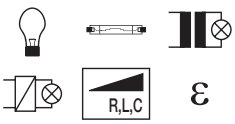
Built-in dimmers



Universal touch dimmer RMD (R, L, C)

i 858

Operating voltage	230/240 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 500 W
Dimmable conventional transformers	50 ... 500 VA
Electronic transformers	50 ... 500 W
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Control cable length	max. 100 m
Load cable length	max. 100 m
Assembling height as from DIN rail	63 mm
Width of rail mounted device (RMD)	2 TE
Dimensions (W x H x D)	36 x 90 x 70 mm



- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- with 2 manual buttons (2-surface operation) for ON (brighter) and OFF (darker)
- two-surface operation with BLC extension unit on extension unit input
- single-surface operation with push-button (NO contact) on extension unit input
- short-circuit and overload proof (electronic fuse)
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- with green indicator LED
- with screw terminals

Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

When using multiple dimmer or power boosters with a control cabinet, maintain a minimum spacing of 1 module width.

Suitable for optional	Order no.	Page
Mains decoupler RMD	187 00	74
Mains decoupler comfort RMD	1 8799 01	73
Power booster built-in (R, L)	2869	60
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	59



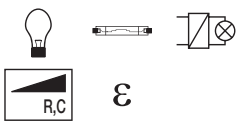
Design	Order no.	PU
light grey	**167 01**	1



Tronic touch dimmer built-in (R, C)

i 858

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	50 ... 700 W
Electronic transformers	50 ... 700 W
Number of built-in/RMD power boosters	max. 10
Number of universal capacity enhancers, 400 W	max. 10
Dimensions (L x W x H)	212 x 48.5 x 46 mm



- with extension unit input for BLC extension unit and push-button (NO contact), single-surface operating concept
- bulb-preserving soft startup
- phase cut-off
- with selectable brightness memory
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with screw terminals

Trouble-free operation will be obtained only with Berker Tronic transformers.

Suitable for optional	Order no.	Page
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	59



Design	Order no.	PU
polar white	**2943**	1



1 - 10 V push-button control unit built-in

i 877

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	10 A
Control current	200 mA
Dimensions (L x W x H)	175 x 42 x 18 mm

- basic brightness programmable
- with extension unit input for push-button (NO contact) with single-surface operation
- bulb-preserving soft startup
- e.g. for fluorescent lamps and LV halogen lamps
- with selectable brightness memory
- alarm zones can be activated individually or linked
- with screw terminals

With excessive switch-on currents, use switch-on current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

When using LV halogen lamps, we recommend the 1 - 10 V Tronic transformer, 105 W, order no. 2977.

Neutral conductor necessary!

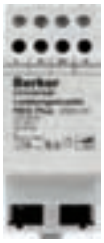
Interface to according to DIN EN 61347-2-3

Suitable for	Order no.	Page
optional		
Making current limiter	185	74

1-10V

Design	Order no.	PU
polar white	**2872**	1

Built-in power boosters



Universal power booster Plus RMD

i 858

Operating voltage	230/240 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	200 ... 500 W
Dimmable conventional transformers	200 ... 420 VA
Electronic transformers	200 ... 500 W
Control cable length	max. 100 m
Load cable length	max. 100 m
Dimensions (W x H x D)	36 x 90 x 70 mm
Width of rail mounted device (RMD)	2 TE
Assembling height as from DIN rail	63 mm

- bulb-preserving soft startup
- common load switching for dimmer and power booster
- phase cut-on or cut-off according to load type, self-learning
- with selectable brightness memory
- short-circuit and overload proof (electronic fuse)
- with screw terminals

R,L,C

Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

When using multiple dimmer or power boosters with a control cabinet, maintain a minimum spacing of 1 module width.

Suitable for	Order no.	Page
Dimmers		page 51
Universal dim actuators		page 818
Dim actuators, flush-mounted/built-in		page 700
BLC universal touch dimmer (R, L, C)	2902	56
Tronic rotary dimmer 360 W (R, C)	2867 10	43
Tronic rotary dimmer 525 W (R, C)	2874	43
Tronic touch dimmer built-in (R, C)	2943	58
Universal rotary dimmer (R, L, C)	2861 10	44
Universal rotary dimmer with centre plate (R, L, C)	2834 ..	496
Universal series touch dimmer (R, L, C)	2901	47
Universal touch dimmer RMD (R, L, C)	167 01	58
Touch dimmer (R, L)	8542 11 00	51
optional		
Mains decoupler RMD	187 00	74
Mains decoupler comfort RMD	1 8799 01	73

Design	Order no.	PU
light grey	**1 6599 01**	1



Tronic power booster built-in (R, C)

i 858

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	100 ... 700 W
Electronic transformers	100 ... 700 W
Dimensions (L x W x H)	212 x 48.5 x 46 mm

- bulb-preserving soft startup
- phase cut-off
- short-circuit and overload proof (electronic fuse)
- with screw terminals

R,C

Trouble-free operation will be obtained only with Berker Tronic transformers.

Neutral conductor necessary!

Suitable for	Order no.	Page
Rotary dimmer 600 W	2875	41
Rotary dimmer 1000 W	2885	42
Radio universal dim actuator EB	181	701
Rotary dimmer with cover plate	2819 ..	41
Tronic rotary dimmer 360 W (R, C)	2867 10	43
Tronic rotary dimmer 525 W (R, C)	2874	43
Tronic touch dimmer built-in (R, C)	2943	58
Universal rotary dimmer (R, L, C)	2861 10	44
Universal rotary dimmer with centre plate (R, L, C)	2834 ..	496
Universal touch dimmer RMD (R, L, C)	167 01	58
Universal series touch dimmer (R, L, C)	2901	47
BLC universal touch dimmer (R, L, C)	2902	56
Universal dim actuator flush-mounted	7534 10 03	826
Radio universal dim actuator flush-mounted	9455 02 00	700
Radio universal dim actuator RMD	9455 01 00	705
Radio universal corded dim actuator	128	701

Design	Order no.	PU
polar white	**2868**	1



Power booster built-in (R, L)

i 858

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	100 ... 600 W
Dimmable conventional transformers	100 ... 600 VA
Dimensions (L x W x H)	212 x 48.5 x 46 mm

With excessive switch-on currents, use switching current limiters order no. 185.

Neutral conductor necessary!

- bulb-preserving soft startup
- phase cut-on
- short-circuit and overload proof (electronic fuse)
- with screw terminals

Suitable for	Order no.	Page
Universal rotary dimmer with centre plate (R, L, C)	2834 ..	496
Universal dim actuator flush-mounted	7534 10 03	826
Rotary dimmer 400 W	2819 01	41
Rotary dimmer 400 W	2830 10	41
Rotary dimmer 600 W	2860 10	42
Rotary dimmer (R, L)	2866 10	43
BLC touch dimmer (R, L)	2904	56
Rotary dimmer 1000 W	2885	42
Radio universal dim actuator flush-mounted	9455 02 00	700
Radio universal corded dim actuator	128	701
Radio universal dim actuator EB	181	701
Universal series touch dimmer (R, L, C)	2901	47
Radio universal dim actuator RMD	9455 01 00	705
Rotary dimmer (R, L)	2873	42
Rotary dimmer 600 W	2875	41
Universal touch dimmer RMD (R, L, C)	167 01	58
Universal rotary dimmer (R, L, C)	2861 10	44
BLC universal touch dimmer (R, L, C)	2902	56
optional		
Making current limiter	185	74

Design	Order no.	PU
polar white	**2869**	1

Corded dimmers



Corded dimmer (R, L)

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable conventional transformers	20 ... 500 VA
Dimensions (L x W x H)	126 x 60 x 30 mm

- for hand and foot operation
- bulb-preserving soft startup
- phase cut-on
- for table and standing lamps
- short-circuit and overload proof (fine-wire fuse)
- with temperature protection
- with strain relief
- with screw terminals

Design	Order no.	PU
polar white	**2744 09**	1
black	**2744**	1
gold matt, lacquered	**2744 18**	1

Transformers

Corded tansformers



Corded transformer 105 W

- Dimmable

Operating voltage	230 V~
Frequency	50 Hz
Secondary voltage (effective)	3.1 ... 11.8 V~
Secondary frequency	≈ 40 kHz
12 V halogen lamps	20 ... 105 W
Secondary cable length	max. 2 m
Dimensions (L x W x H)	150 x 70 x 36 mm

Spike-resistant to 1500 V according to acc. to EN 61047
Safety transformer to according to VDE 0712-32

- with sliding controller
- for hand and foot operation
- for table and standing lamps
- bulb-preserving soft startup
- tronic transformer
- no-load proof
- input and output electrically isolated
- with overvoltage protection
- short-circuit and overload proof (electronic fuse)
- with overheating protection
- with strain relief
- with screw terminals

Design	Order no.	PU
polar white	**2743 09**	1
black	**2743**	1
gold matt, lacquered	**2743 18**	1

Tronic transformers

- Input and output electrically isolated
- Short-circuit and overload proof (electronic fuse)
- With overheating protection
- No-load proof
- Overvoltage protection (spike-resistant to 1500 V according to EN 61047)
- Safety transformer VDE 0712-32



Tronic transformer 40 W

i 879

Operating voltage	230 V~
Frequency	50/60 Hz
Primary current	0.18 A
Secondary voltage (effective)	11.7 V~
Secondary frequency	≈ 40 kHz
12 V halogen lamps	10 ... 40 W
Ambient temperature	max. +50 °C
Secondary cable length	max. 2 m
Pre-assembled primary cable	≈ 200 mm
Pre-assembled secondary cable	≈ 200 mm
Dimensions (L x W x H)	73 x 35.5 x 18 mm

- bulb-preserving soft startup
- very low noise

Dimmable with Berker Tronic dimmers (R, C) and Berker universal dimmers (R, L, C) and universal flush-mounted dimmers of the new electronic platform.

Design	Order no.	PU
polar white	**2915**	1



Tronic transformer 70 W

i 879

Operating voltage	230 V~
Frequency	50/60 Hz
Primary current	0.3 A
Secondary voltage (effective)	11.7 V~
Secondary frequency	≈ 40 kHz
12 V halogen lamps	20 ... 70 W
Ambient temperature	max. +40 °C
Secondary cable length	max. 2 m
Pre-assembled primary cable	≈ 200 mm
Pre-assembled secondary cable	≈ 200 mm
Dimensions (L x W x H)	49 x 48 x 28 mm

- bulb-preserving soft startup
- very low noise

Dimmable with Berker Tronic dimmers (R, C) and Berker universal dimmers (R, L, C) and universal flush-mounted dimmers of the new electronic platform.

Design	Order no.	PU
polar white	**2918**	1



Tronic transformer Berker Igel 105 W

i 879

Operating voltage	230/240 V~
Frequency	50/60 Hz
Primary current	0.45 A
Secondary voltage (effective)	11.3 ... 11.8 V~
Secondary frequency	≈ 40 kHz
12 V halogen lamps	20 ... 105 W
Secondary screw terminal pair	max. 2.5 mm²
Primary screw terminal pair	max. 2.5 mm²
Ambient temperature	max. +50 °C
Secondary cable length	max. 2 m
Dimensions (L x W x H)	105 x 50 x 29 mm

- bulb-preserving soft startup
- very low noise
- with primary and secondary side strain relief
- with screw terminals

Dimmable according to the phase cut-on and phase cut-off operation with Berker Tronic dimmers (R, C), Berker dimmers (R, L) and Berker universal dimmers (R, L, C).

Design	Order no.	PU
polar white	**2921**	1



Tronic transformer 35 - 105 W

879

Operating voltage	230 V~
Frequency	50/60 Hz
Primary current	0.45 A
Secondary voltage (effective)	11.8 V~
Secondary frequency	≈ 40 kHz
12 V halogen lamps	35 ... 105 W
2 primary screw terminal pairs	max. 2.5 mm²
Ambient temperature	max. +50 °C
Secondary cable length	max. 2 m
Pre-assembled secondary cable	≈ 200 mm
Dimensions (L x W x H)	165 x 42 x 18 mm

- bulb-preserving soft startup
- very low noise
- with imprint on the backside
- with primary side strain relief
- flat shape
- with primary side screw terminals

Dimmable with Berker Tronic dimmers (R, C) and Berker universal dimmers (R, L, C) and universal flush-mounted dimmers of the new electronic platform.

Design	Order no.	PU
polar white	**2927**	1



Tronic transformer 105 W

879

Operating voltage	230/240 V~
Frequency	50/60 Hz
Primary current	0.45 A
Secondary voltage (effective)	11.8 V~
Secondary frequency	≈ 40 kHz
12 V halogen lamps	20 ... 105 W
2 primary screw terminal pairs	max. 2.5 mm²
3 secondary screw terminal pairs	max. 2.5 mm²
Ambient temperature	max. +50 °C
Secondary cable length	max. 1 m
Dimensions (L x W x H)	175 x 42 x 18 mm

- bulb-preserving soft startup
- very low noise
- with primary and secondary side strain relief
- flat shape
- with screw terminals

Dimmable with Berker Tronic dimmers (R, C) and Berker universal dimmers (R, L, C) and universal flush-mounted dimmers of the new electronic platform.

Design	Order no.	PU
polar white	**2974 01**	1



1 - 10 V tronic transformer 105 W

878

Operating voltage	230 V~
Frequency	50 Hz
Primary load current	max. 0.31 A
Secondary voltage (effective)	11.7 V~
Secondary frequency	≈ 40 kHz
Control current	0.8 mA
12 V halogen lamps	20 ... 105 W
2 primary screw terminal pairs	max. 2.5 mm²
3 secondary screw terminal pairs	max. 2.5 mm²
Screw terminal pair 1 - 10 V	max. 2.5 mm²
Ambient temperature	max. +50 °C
Secondary cable length	max. 1 m
Dimensions (L x W x H)	216 x 42 x 32 mm

- bulb-preserving soft startup
- very low noise
- with strain relief
- with screw terminals

Dimmable with Berker 1 - 10 V control units
Interface to according to DIN EN 61347-2-3

Design	Order no.	PU
polar white	**2977**	1



Tronic transformer 150 W

i 879

Operating voltage	230 V~
Frequency	50/60 Hz
Primary current	0.71 A
Secondary voltage (effective)	11.7 V~
Secondary frequency	≈ 40 kHz
12 V halogen lamps	20 ... 150 W
2 primary screw terminal pairs	max. 2.5 mm²
3 secondary screw terminal pairs	max. 2.5 mm²
Ambient temperature	max. +50 °C
Secondary cable length	max. 1 m
Dimensions (L x W x H)	175 x 42 x 38 mm

- bulb-preserving soft startup
- very low noise
- with primary and secondary side strain relief
- with screw terminals

Dimmable with Berker Tronic dimmers (R, C) and Berker universal dimmers (R, L, C) and universal flush-mounted dimmers of the new electronic platform.

Design	Order no.	PU
polar white	**2976**	1



Tronic transformer 200 W

i 879

Operating voltage	230 V~
Frequency	50 Hz
Primary current	0.96 A
Secondary voltage (effective)	11.5 V~
Secondary frequency	≈ 40 kHz
12 V halogen lamps	50 ... 200 W
2 primary screw terminal pairs	max. 2.5 mm²
2 secondary screw terminal pairs	max. 2.5 mm²
Ambient temperature	max. +50 °C
Secondary cable length	max. 2 m
Dimensions (L x W x H)	212 x 48.5 x 46 mm

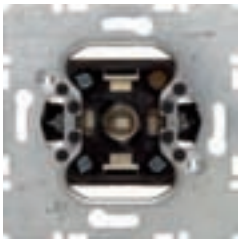
- bulb-preserving soft startup
- very low noise
- with primary and secondary side strain relief
- with screw terminals

Dimmable with Berker Tronic dimmers (R, C) and Berker universal dimmers (R, L, C) and universal flush-mounted dimmers of the new electronic platform.

Design	Order no.	PU
polar white	**2972**	1

Pilot lamps

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Push-button/pilot lamp E10

i 852

Rated voltage	250 V~
Momentary-contact current	2 A
Incandescent lamp power	max. 2 W

- for illumination and monitoring circuit
- with screw terminals

Suitable for	Order no.	Page
Cover for push-button/pilot lamp E10	1247 00 04	71
Knob for push-button/pilot lamp E10	1279 ..	72
Cover for push-button/pilot lamp E10	128 ..	71
Neon lamp E10	1601	71
LED lamp E10	1678 ..	70

Design	Order no.	PU
Push-button/pilot lamp E10, NO contact	**5101**	10
Push-button/pilot lamp E10, NO contact, 2 separate signal contacts	**5101 10**	10



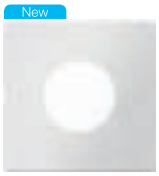
Centre plate for push-button/pilot lamp E10

Cut-out Ø 27.2 mm – centre plate for plug-in fixing

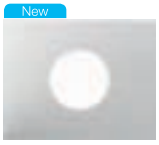
Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1124 89 82**	10
polar white glossy		**1124 89 89**	10
polar white matt		**1124 19 09**	10
anthracite matt		**1124 16 06**	10
aluminium matt, lacquered		**1124 14 04**	10
Modul 2			
white glossy	#	**1234 02**	10
polar white glossy	#	**1234 09**	10
Berker Q.1/Q.3			
polar white velvety		**1124 60 89**	10
anthracite velvety, lacquered	*	**1124 60 86**	10
Berker K.1/K.5			
polar white glossy		**1165 70 09**	10
anthracite matt, lacquered		**1165 70 06**	10
aluminium matt, lacquered	*	**1165 70 03**	10
stainless steel matt, lacquered		**1165 70 04**	10
Berker Arsys			
light bronze matt, aluminium lacquered		**1165 01 01**	10
Stainless steel, metal matt finish		**1165 01 04**	10
gold matt, aluminium anodised		**1165 01 02**	10
Berker R.1/R.3			
polar white glossy	*	**1124 20 89**	10
black glossy	*	**1124 20 45**	10



New



New





New





Centre plate for push-button/pilot lamp E10

- Labelling field – centre plate for plug-in fixing

Cut-out Ø 27.3 mm

For push-buttons and covers, see “Supplementary products”.

For push-buttons with hinged covers, use hinged cover, order no. 1140.

Labelling field height designed for 9 mm P-touch strips.

Design		Order no.	PU
Modul 2			
white glossy	#	**1235 02**	10
polar white glossy	#	**1235 09**	10
Berker Arsys			
white glossy		**1165 00 02**	10
polar white glossy		**1165 00 69**	10
brown glossy		**1165 00 01**	10





Pilot lamp E14

Rated voltage	250 V~
Incandescent lamp power	max. 3 W
Long lamp base	max. 23.5 mm

– with screw terminals

Suitable for	Order no.	Page
Cover for pilot lamp E14		page 72
Incandescent lamp E14		page 71
LED lamp E14		page 71

Design	Order no.	PU
Pilot lamp E14	**5131 02**	10



Centre plate for pilot lamp E14

For LEDs, incandescent lamps and covers see “Supplementaryp roducts”.

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1198 89 82**	10
polar white glossy	**1198 89 89**	10
polar white matt	**1198 19 09**	10
anthracite matt	**1198 16 06**	10
aluminium matt, lacquered	**1198 14 04**	10



Modul 2		
white glossy	# **1198 02**	10
polar white glossy	# **1198 09**	10

New



Berker Q.1/Q.3		
polar white velvety	**1198 60 89**	10
anthracite velvety, lacquered	* **1198 60 86**	10

New

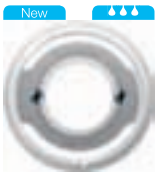


Berker K.1/K.5		
polar white glossy	**1167 70 09**	10
anthracite matt, lacquered	**1167 70 06**	10
aluminium matt, lacquered	* **1167 70 03**	10
stainless steel matt, lacquered	**1167 70 04**	10

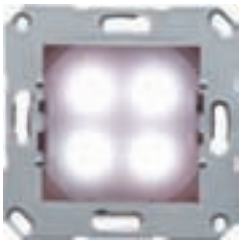


Berker Arsys		
white glossy	**1167 00 02**	10
polar white glossy	**1167 00 69**	10
brown glossy	**1167 00 01**	10
light bronze matt, lacquered	**1167 90 11**	10
stainless steel matt, lacquered	**1167 90 04**	10

New



Berker R.1/R.3		
polar white glossy	* **1198 20 89**	10
black glossy	* **1198 20 45**	10

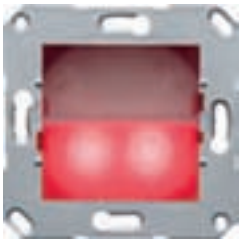


LED orientation light

Operating voltage	230 V~
Frequency	50 Hz
Power consumption	1.8 ... 2 W
Light intensity (white)	1.2 cd
Operating temperature	-15 ... +40 °C

- e.g. for lighting of steps or as a point of reference in dark rooms
- with 4 RGB LEDs
- LED brightness continuously adjustable
- individual colour from colour sequence can be saved permanently via control input
- light colours white, blue, red, green, orange and colour sequence adjustable via control input

Design	Order no.	PU
LED orientation light	**2951**	1



LED signal light

Operating voltage	230 V~
Frequency	50 Hz
Power consumption	1 ... 5.6 W
Light intensity (red/green)	0.1 ... 0.3 cd
Operating temperature	-15 ... +40 °C

- signalling systems for surgeries, conference rooms, hotel rooms, etc.
- homogenous illumination of the separately switchable red and green halves
- with 4 monochrome LEDs

Design	Order no.	PU
LED signal light	**2952**	1

Cover for LED orientation/signal light

- with printed label sheets “Bitte warten/Bitte eintreten” and “Do not disturb/make up room”
- with milky foil, for individual labelling

Design		Order no.	PU
Berker S.1/B.3/B.7			
transparent		**1248 19 00**	1
Berker Q.1/Q.3			
polar white velvety		**1248 60 89**	1
anthracite velvety, lacquered	*	**1248 60 86**	1

New



New



Design		Order no.	PU
Berker K.1/K.5			
polar white glossy		**1248 70 09**	1
anthracite matt, lacquered		**1248 70 06**	1
aluminium matt, lacquered	*	**1248 70 03**	1
stainless steel matt, lacquered		**1248 70 04**	1



Info pilot lamp

i 878

Operating voltage	230 V~
Frequency	50/60 Hz

- with screw terminals

Use only in conjunction with cover for info pilot lamp.

Design	Order no.	PU
Info pilot lamp	**2949**	1



Cover for info pilot lamp

i 878

Current consumption	25 mA
Power, LED	800 mW

Printed labels supplied: “Nicht eintreten”, “Besetzt”, “Bitte eintreten”, “Bitte Ruhe”, “Bitte warten”.

- with clear cover plate
- with 4 light intensive LEDs
- very long LED lifetime

Suitable for
Cover plate for info pilot lamp

Order no.

Page
page 72



New



New





Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1345 89 82**	1
polar white glossy		**1345 89 89**	1
polar white matt		**1345 19 09**	1
anthracite matt		**1345 16 06**	1
aluminium matt, lacquered		**1345 14 04**	1
Modul 2			
white glossy	#	**1345 02**	1
polar white glossy	#	**1345 09**	1
Berker Q.1/Q.3			
polar white velvety		**1345 60 89**	1
anthracite velvety, lacquered	*	**1345 60 86**	1
Berker K.1/K.5			
polar white glossy		**1345 70 09**	1
anthracite matt, lacquered		**1345 70 06**	1
aluminium matt, lacquered	*	**1345 70 03**	1
stainless steel matt, lacquered		**1345 70 04**	1
Berker Arsys			
white glossy		**1345 00 02**	1
polar white glossy		**1345 00 69**	1
brown glossy		**1345 00 01**	1
light bronze matt, lacquered		**1345 90 11**	1
stainless steel matt, lacquered		**1345 90 04**	1

Supplementary products

		LED unit with N terminal	Incandescent lamp unit with N terminal	LED unit with N terminal	Neon lamp unit with N terminal	Neon lamp unit with N terminal for pullcord switch	Neon lamp unit 230 V~	Series LED unit with N terminal	Neon lamp unit 400 V~
									
		1687	1676 6 V 1676 02 12 V 1676 01 24 V 1676 03 48 V	1686 1 mA 1686 01 0.4 mA	1675 1 mA 1675 04 0.4 mA	1605 10 1 mA 1605 14 0.4 mA	1600 02	1680	1600
DESIGNATION	**ORDER NO.**	**12 ... 48 V**	**8 ... 48 V**	**230 V~**					**400 V~**
Rocker switch									
Change-over switch	3016 40 3036 3036 50 3076 25 3176 05	■	■	■	■				
Intermediate switch	3037	■	■	■	■				
Multi-pole rocker switches									
On/off switch 2pole 10 AX	3012 40 3032 3172 05	■	■	■	■				
On/off switch 2pole 16 AX	3032 12						■		
On/off switch, 3pole	3033 03								■
Multiple rocker switches									
Series switch	3035 3035 50	■ 1)	■ 1)	■	■ 1)			■	
Double change-over switch	3038 08						■ 1)		
Rocker push-button									
Push-button, NO contact	5031 5031 50	■	■	■	■				
Push-button, change-over	5006 40 5036 5076 05	■	■	■	■				
Push-button, NO contact, 2 separate signal contacts	5031 01 5071 05	■	■	■	■				
Push-button, NO contact + NC contact	5032 03	■	■	■	■				
Multiple rocker push-buttons									
Series push-button, 2 NO contacts	5035 5035 03	■ 1)	■ 1)	■	■ 1)				
Series push-button, 1 NO contact + 1 NC contact	5035 01	■ 1)	■ 1)	■	■ 1)				
Series push-button 2 change-overs	5038 08						■ 1)		
Group series push-button	5034 04						■ 1)		
Pullcord switches									
Pullcord switch change-over	3966					■			
Heating emergency switch									
Control change-over switch with imprint, "heating emergency switch - 0"	3566 05	■	■	■	■				
Control on/off switch, 2-pole with imprint "heating emergency switch - 0“	3562 05	■	■	■	■				
Combination switch/socket outlet									
SCHUKO change-over switch / socket outlet with hinged cover combination, red lens	4781 05	■	■	■	■				
Push-button for hotel card									
Push-button for hotel card, NO contact	5051 02	■	■	■	■				
Push-button for hotel card, change-over	5056 01	■	■	■	■				
Push-button for hotel card, NO contact, 2 separate signal contacts	5051 03	■	■	■	■				
Push-button for hotel card, NO contact + NC contact	5052 01	■	■	■	■				

■ Suitable for degree of protection IP44
1) Only single lighting possible

Glow and neon lamp units

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Incandescent lamp unit with N terminal

i 850

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808
- for series switch illuminated

Design	Order no.	PU
brown, 6V, 35 mA	**1676**	10
yellow, 12 V, 65 mA	**1676 02**	10
green, 24 V, 35 mA	**1676 01**	10
red, 48 V, 25 mA	**1676 03**	10



Neon lamp unit with N terminal

i 850

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808
- for series switch illuminated

Design	Order no.	PU
grey, 230 V~, 1 mA	**1675**	10
orange, 230 V~, 0.4 mA	**1675 04**	10



Neon lamp unit with N terminal

i 850

Not suitable for water-protected installations with IP44 degree of protection.

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

Suitable for push-button and pullcord switches, rocker switches and rocker push-buttons for the years 1985 to 1995.

Not suitable for water-protected, flush-mounted installation IP44.

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit
- for pullcord switch

Design	Order no.	PU
grey, 230 V~, 1 mA	**1605 10**	10
orange, 230 V~, 0.4 mA	**1605 14**	10



Neon lamp unit for switches/push-buttons

i 851

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Switch a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit
- for on/off switch, 2-pole, 16 AX
- for rockers switches double change-over
- for rockers push-buttons double change-over

Design	Order no.	PU
grey, 230 V~, 0.9 mA	**1600 02**	10



Neon lamp unit for on/off switch 3pole

i 851

Refer to the overview for the matching flush-mounted inserts.

- for illumination and monitoring circuit

Design	Order no.	PU
clear, transparent, 400 V~, 0.5 mA	**1600**	10

LED units

- Low storage and logistics costs by reduction to only three variants
- Long service life of the LED

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

New



LED unit 230 V, for switches/push-buttons

Refer to the overview for the matching flush-mounted inserts.

When several LED units are used, the LED current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA LED current) in parallel with the coil.

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

- also for waterproof installation of switches and push-buttons
- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808

Design	Order no.	PU
white, 230 V~, 1 mA	* **1686**	10
black, 230 V~, 0.4 mA	* **1686 01**	10

New



LED unit for switches/push-buttons

Refer to the overview for the matching flush-mounted inserts.

Connection to direct voltage within the specified voltage range, ensuring the correct polarity.

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

- also for waterproof installation of switches and push-buttons
- for illumination and monitoring circuit
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808

Design	Order no.	PU
blue, 12 ... 48 V~, 0.2 ... 0.9 mA	* **1687**	10



LED unit with N terminal for series switch

i 850

Refer to the overview for the matching flush-mounted inserts.

Neutral conductor necessary!

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

- for control circuit per series
- with screw terminal

Design	Order no.	PU
black, 230 V~, 0.9 mA each	**1680**	1

Incandescent, neon and LED lamps



LED lamp E10

Operating voltage	230 V~/=
Rated current	0.004 A
Operating temperature	-40 ... +70 °C

- very long LED lifetime

Suitable for	Order no.	Page
Surface-mounted push-button/pilot lamp E10, NO contact	510 ..	660
Surface-mounted push-button/pilot lamp E10, NO contact	5112 15	631

Design	Order no.	PU
white	**1678**	10
red	**1678 01**	10
yellow	**1678 02**	10
green	**1678 03**	10
blue	**1678 04**	10



Neon lamp E10

Operating voltage	230 V~
Rated current	1.35 mA

Suitable for	Order no.	Page
Push-button/pilot lamp E10		page 63
Push-button complete for stairway light		page 202
Surface-mounted push-button/pilot lamp E10, NO contact	5100 40	660
Surface-mounted push-button/pilot lamp E10, NO contact	5112 15	631

Design	Order no.	PU
clear, transparent	**1601**	100



LED lamp E14

Operating voltage	230 V~/=
Rated current	4.2 mA
Operating temperature	-40 ... +70 °C

[1] Typ. up to approx. 50 % of the output brightness

- for light signal with flat and high cover
- very long LED lifetime

Suitable for	Order no.	Page
Pilot lamp E14 surface-mounted	5172 15	631
Pilot lamp E14 surface-mounted	5130 40	660
Pilot lamp E14	5131 02	65
Pilot lamp E14 surface-mounted	5152	648

Design	Order no.	PU
white	**1679**	10
red	**1679 01**	10
yellow	**1679 02**	10
green	**1679 03**	10
blue	**1679 04**	10



Incandescent lamp E14

Operating voltage	230 V~
Power	3 W

Suitable for	Order no.	Page
Pilot lamp E14	5131 02	65
Pilot lamp E14 surface-mounted	5152	648
Pilot lamp E14 surface-mounted	5172 15	631
Pilot lamp E14 surface-mounted	5130 40	660

Design	Order no.	PU
clear, transparent, for pilot lamp with flat cover	**1610 03**	100
clear, transparent, for pilot lamp with high cover	**1610 13**	100

Covers and push-buttons



Cover for push-button/pilot lamp E10

Suitable for	Order no.	Page
Surface-mounted push-button/pilot lamp E10, NO contact	5100 40	660
Push-button/pilot lamp E10, NO contact	5101 ..	63
Surface-mounted push-button/pilot lamp E10, NO contact	5112 15	631

Design	Order no.	PU
clear, transparent	**1280**	10
red, transparent	**1281**	10
yellow, transparent	**1282**	10
green, transparent	**1283**	10



Cover for push-button/pilot lamp E10

The mirror image texts on the rear only become visible when the signal is illuminated.

With 10 labelling fields: “Bitte warten”, “Bitte eintreten”, “Nicht eintreten”, “Bitte Ruhe”, “Der Nächste bitte”, “Aufzug kommt”, symbol arrow, “Besetzt”, 2x neutral.

Suitable for	Order no.	Page
Push-button/pilot lamp E10, NO contact	5101 ..	63

Design	Order no.	PU
Berker Arsys		
clear	**1247 00 04**	10



Knob for push-button/pilot lamp E10

Push-button head Ø 26.5 mm

Suitable for	Order no.	Page
Surface-mounted push-button/pilot lamp E10, NO contact	5100 40	660
Push-button/pilot lamp E10, NO contact	5101 ..	63
Surface-mounted push-button/pilot lamp E10, NO contact	5112 15	631

Design	Order no.	PU
clear, transparent	**1279 02**	10
red, transparent	**1279**	10
green, transparent	**1279 03**	10



Cover for pilot lamp E14

Suitable for	Order no.	Page
Pilot lamp E14 surface-mounted	5172 15	631
Pilot lamp E14 surface-mounted	5130 40	660
Pilot lamp E14	5131 02	65

Design	Order no.	PU
clear, transparent, flat	**1220**	10
clear, transparent, high	**1230**	10
red, transparent, high	**1231**	10
green, transparent, high	**1232**	10



Cover plate for info pilot lamp

Suitable for	Order no.	Page
Cover for info pilot lamp	1345 ..	67

Design	Order no.	PU
red, transparent	**1289**	10
green, transparent	**1289 03**	10

Mains decouplers

- For illuminated switches/push-buttons with a neon lamp current of max. 8 mA
- For mechanical switches, dimmer, current impulse switching, vacuum cleaners, etc.
- For bedroom and child's room in the home
- Switches without loads to DC voltage without electric and electromagnetic fields
- With overheating protection
- Monitoring voltage measurable with Duspol



Mains decoupler comfort RMD

i 857

Operating voltage	230 V~
Frequency	50 Hz
Monitoring voltage	230 V=
Residual ripple typical	4 mV
Monitoring current	max. 8 mA
Switching current	16 A
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	800 VA
Electronic transformers	1000 W
Fluorescent lamps:	
- uncompensated	1000 VA
- parallel compensated	700 VA
- in Duo circuit	1600 VA
EB switch-on current < 10 ms	max. 70 A
Energy-saving lamps	max. 160 W
Motors at cos φ = 0.4	max. 1400 W
Operating temperature	+0 ... +40 °C
Dimensions (W x H x D)	35 x 90 x 65 mm
Width of rail mounted device (RMD)	2 TE

If a universal touch dimmer is to be de-coupled, the extension unit line length on extension units must be < 20 m.

To prevent heat problems due to mains overvoltage, the distance to other RMD units should be 1/2 modules.

Only suitable for BLC universal touch dimmers (R, L, C) with printing R3 and universal rotary dimmer (R, L, C) with printing R1.

For application options, see Technical appendix.

- with manual selection switch for automatic (decoupling) on/off
- with 2 yellow residual current indicator LEDs
- with green operation LED
- with green status LED for decoupling

Suitable for	Order no.	Page
Rotary dimmer (R, L)	2873	42
Rotary dimmer 600 W	2875	41
Tronic rotary dimmer 525 W (R, C)	2874	43
Universal rotary dimmer (R, L, C)	2861 10	44
Universal rotary dimmer with centre plate (R, L, C)	2834 ..	496
Universal touch dimmer RMD (R, L, C)	167 01	58
BLC universal touch dimmer (R, L, C)	2902	56
BLC extension unit	2907	57
1-10 V rotary potentiometer	289 ..	45
Universal power booster Plus RMD	1 6599 01	59
optional		
Control module for mains decoupler	188 11	74



Design	Order no.	PU
light grey	**1 8799 01**	1



Mains decoupler RMD

i 857

Operating voltage	230 V~
Frequency	50 Hz
Monitoring voltage	230 V=
Residual ripple typical	8 mV
Monitoring current	max. 8 mA
Switching current	16 A
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	800 VA
Electronic transformers	1000 W
Fluorescent lamps:	
- uncompensated	1000 VA
- parallel compensated	700 VA
- in Duo circuit	1600 VA
EB switch-on current < 10 ms	max. 70 A
Energy-saving lamps	max. 160 W
Motors at cos φ = 0.4	max. 1400 W
Operating temperature	+0 ... +40 °C
Dimensions (W x H x D)	35 x 90 x 65 mm
Width of rail mounted device (RMD)	2 TE

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BLC extension unit	2907	57
1-10 V rotary potentiometer	289 ..	45
Universal power booster Plus RMD	1 6599 01	59
optional		
Control module for mains decoupler	188 11	74

Design	Order no.	PU
light grey	**187 00**	1



Control module for mains decoupler

Operating voltage	230 V~
Frequency	50 Hz
Pre-assembled cable	≈ 80 mm
Dimensions housing (W x H x D)	≈ 45 x 28 x 9 mm

- required for loads with small switch-on currents
- for connection between phase and load line from dimmer

Suitable for	Order no.	Page
Mains decoupler RMD	187 00	74
Mains decoupler comfort RMD	1 8799 01	73

Design	Order no.	PU
black	**188 11**	1

Making current limiters



Making current limiter

i 882

Operating voltage	230 V~
Frequency	50/60 Hz
Power	200 VA
Pre-assembled cable	≈ 80 mm
Dimensions housing (W x H x D)	≈ 51 x 25 x 13 mm

- to limit switch-on currents for problem loads, e.g. energy-saving lamps, electronic ballasts, etc.

Suitable for	Order no.	Page
Relay insert	8512 12 00 ..	48

Due to the small design, suitable for installation in a 40 mm flush-mounted box, e.g. behind universal insert with relay contact, and BLC relay insert. Also suitable for surface-mounted and RMD timer for stairway light.

Design	Order no.	PU
black	**185**	1

Overvoltage protection modules



Overvoltage protection module

i 879

Operating voltage	230 V~
Frequency	50/60 Hz
Residual voltage at input current 1 kA	≈ 1000 V
Leakage current IS(8/20)	100 x 1 kA
Leakage current IS(8/20)	1 x 4.5 kA
Pre-assembled cable	≈ 80 mm
Dimensions housing (W x H x D)	46 x 25 x 23 mm

- for Tronic transformers and dimmers as well as universal dimmers for parallel operation with inductive loads

Design	Order no.	PU
light grey	**142**	1

Distributor for transformers



Distributor 5gang for transformers

i 879

Input voltage	< 25 V
Input current	max. 16 A
Branch current	max. 16 A
Connected load at AC 12 V	max. 192 W
Conductor cross-section (rigid)	max. 2.5 mm²
Dimensions (W x H x D)	48 x 40 x 16 mm

- for secondary side connection of up to 5 LV halogen lamps
- for rigid and flexible conductors (without conductor sleeve)
- with plug-in terminals

Time and cost-saving installation aid when installing branched lighting systems.
Connecting material to according to VDE 0613

Design	Order no.	PU
polar white	**162**	1



Distributor 6gang for transformers

i 879

Input current	max. 17 A
Branch current	max. 8.5 A
Connected load at AC 12 V	max. 200 W
Ambient temperature	max. +50 °C
Pre-assembled cable	≈ 80 mm
Conductor cross-section (rigid)	2.5 mm²
Conductor cross-section (flexible)	max. 1.5 mm²
Dimensions housing (W x H x D)	≈ 86 x 40 x 29 mm

- pre-assembled, with 2-core flexible wire
- for secondary side connection of up to 6 LV halogen lamps
- for rigid and flexible conductors (without conductor sleeve)
- with plug-in terminals

Design	Order no.	PU
polar white	**140**	1

Lock cylinders



Lock cylinder

i 852

length	40 mm

In key switches, the key can be pulled out in the ON position in the appropriate bolt position.
With 5 tumblers to according to DIN 18252

- for change-over switches/push-buttons for lock cylinders
- for switches/push-buttons for lock cylinders

Suitable for	Order no.	Page
Key switches/key push-buttons		page 33
Multi-pole rocker switches		page 624
Rocker switches/rocker push-buttons		page 620
Centre plate for key push-button for blinds/ key switch		page 119
Key switches/key push-buttons for blinds		page 629

Design	Order no.	PU
with differing closures		
Lock cylinder	**1818**	1
with same closures		
Lock cylinder	**1818 01**	1

Hotel applications

Push-button for hotel card

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²



Push-button for hotel card

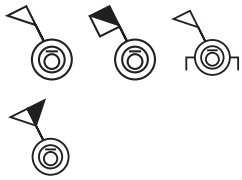
i 853

Rated voltage	250 V~
Momentary-contact current	2 A

10 A design on request.
Connection terminals according to IEC 60669-1

- for illumination and monitoring circuit
- with plug-in terminals

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	69
Incandescent lamp unit with N terminal	1676 ..	69
LED unit 230 V, for switches/push-buttons	1686 ..	70



Design	Order no.	PU
Push-button, NO contact for hotel card	**5051 02**	10
Push-button, change-over contact for hotel card	**5056 01**	10
Push-button, NO contact for hotel card, 2 separate signal contacts	**5051 03**	10
Push-button, NC contact + NO contact for hotel card, isolated input terminals	**5052 01**	10



Centre plate with imprint for push-button for hotel card

- Red lens

Card width	max. 54 mm
Card thickness	0.5 ... 1.4 mm

Other imprint on request!

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1640 89 82**	10
polar white glossy		**1640 89 89**	10
polar white matt		**1640 19 09**	10
anthracite matt		**1640 16 06**	10
aluminium matt, lacquered		**1640 14 04**	10
Modul 2			
white glossy	#	**1640 02**	10
polar white glossy	#	**1640 09**	10



Berker Q.1/Q.3			
polar white velvety [1]		**1640 60 89**	10
anthracite velvety, lacquered [1]	*	**1640 60 86**	10

New



New





Berker K.1/K.5			
polar white glossy		**1641 71 09**	10
anthracite matt, lacquered		**1641 71 06**	10
aluminium matt, lacquered	*	**1641 71 03**	10
stainless steel matt, lacquered		**1641 71 04**	10
Berker Arsys			
white glossy		**1641 00 02**	10
polar white glossy		**1641 00 69**	10
brown glossy		**1641 00 01**	10
light bronze matt, lacquered		**1641 90 11**	10
stainless steel matt, lacquered		**1641 90 04**	10

[1] with orange lens

Barrier-free construction

Rocker switches/rocker push-buttons

- Spreader claw, insulated to the supporting ring, self-resetting
- Connection terminals according to IEC 60669-1 for conductors up to 2.5 mm²
- Switching angle 3.5°



Change-over/intermediate switch

i 850

Rated voltage 250 V~
Switching current 10 AX

- for illumination and monitoring circuit
- with plug-in terminals

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	69
Incandescent lamp unit with N terminal	1676 ..	69
LED unit 230 V, for switches/push-buttons	168 ..	70



Design	Order no.	PU
Change-over switch	**3036**	10
Change-over switch for installation in hollow walls [1]	**3036 50**	10
Intermediate switch	**3037**	10

[1] low installation depth, without spreader claws



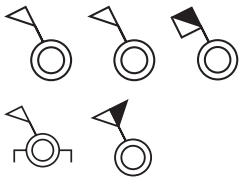
Push-button

i 851

Rated voltage 250 V~
Momentary-contact current 10 A

- for illumination and monitoring circuit
- with plug-in terminals

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	69
Incandescent lamp unit with N terminal	1676 ..	69
LED unit 230 V, for switches/push-buttons	168 ..	70



Design	Order no.	PU
Push-button, NO contact	**5031**	10
Push-button, NO contact for installation in hollow walls [1]	**5031 50**	10
Push-button, change-over	**5036**	10
Push-button, NO contact, 2 separate signal contacts	**5031 01**	10
Push-button, NC contact + NO contact, isolated input terminals	**5032 03**	10

[1] low installation depth, without spreader claws

Rockers for barrier-free construction

- For the matching contrast frame for visual highlighting, refer to the appropriate Design line.
- SCHUKO socket outlet with tactile symbol (see corresponding design line)
- For rockers with lenses, the IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit.

The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Rocker for barrier-free construction

- Guide for mouth rod
- Lens

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	**1661 19 49**	10



Modul 2

polar white glossy	# **1661 49**	10



Berker Q.1/Q.3

polar white velvety [1]	**1661 60 49**	10



Berker K.1/K.5

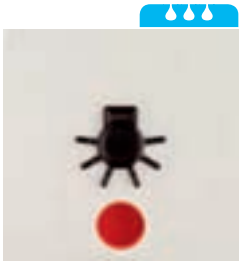
polar white glossy	**1661 71 09**	10



Berker R.1/R.3

polar white glossy [2]	* **1661 20 49**	10

[1] only orange and clear lenses enclosed
[2] with clear lens only



Rocker for barrier-free construction

- Tactile light symbol
- Red lens

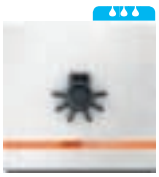
- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	**1651 19 49**	10
Modul 2		
polar white glossy	# **1651 49**	10



Berker Q.1/Q.3

polar white velvety [1]	**1651 60 49**	10



Berker K.1/K.5

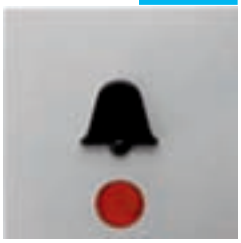
polar white glossy	**1651 71 09**	10



Berker R.1/R.3

polar white glossy [2]	* **1651 20 49**	10

[1] with orange lens
[2] with clear lens



Rocker for barrier-free construction

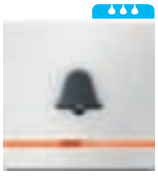
- Tactile bell symbol
- Red lens

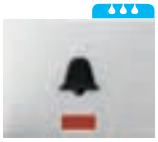
– also for KNX applications: push-button, 1gang



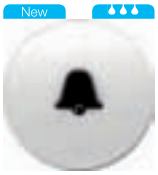
Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	**1651 19 59**	10
Modul 2		
polar white glossy	# **1651 59**	10
Berker Q.1/Q.3		
polar white velvety [1]	**1651 60 59**	10
Berker K.1/K.5		
polar white glossy	**1651 72 09**	10
Berker R.1/R.3		
polar white glossy [2]	* **1651 20 89**	10



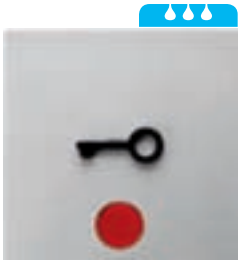




New



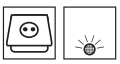
[1] with orange lens
[2] with clear lens



Rocker for barrier-free construction

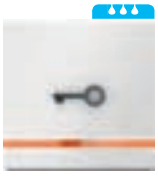
- Tactile symbol for door opener
- Red lens

– also for KNX applications: push-button, 1gang



Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	**1651 19 69**	10
Modul 2		
polar white glossy	# **1651 69**	10
Berker Q.1/Q.3		
polar white velvety [1]	**1651 60 69**	10
Berker K.1/K.5		
polar white glossy	**1651 73 09**	10
Berker R.1/R.3		
polar white glossy	* **1651 20 69**	10







New



[1] with orange lens

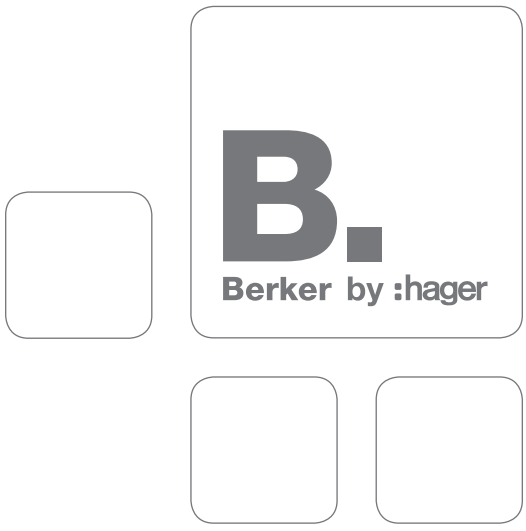
Motion detector

The more your house looks after you, the less things you have to keep in mind. A motion detector ensures that your path is always lit automatically when you come home. It can switch the light in the stairwell, corridor or toilet on automatically when you need it. Thanks to its precise detection, it guarantees perfect monitoring of any area of the house, thus scaring off uninvited guests. Berker controllers can meet all your comfort and safety requirements, and also help to save energy. This is because they only switch the lighting on automatically, when they detect movement within their defined detection field.

- Simple switch to another design by exchanging frames and covers.
- The wide range of motion detectors offers the perfect solution for every installation situation.



New electronics platform	84
BLC -Berker Light Control	88
Presence detectors	100
Controllers surface-mounted	103
Controller system	105
Supplementary products	107

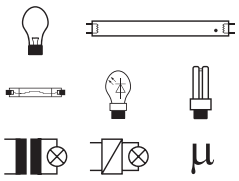


New electronics platform

Inserts

New





Relay insert

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
Minimum contact load	≈ 15 W
230 V incandescent lamps and halogen lamps	2300 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
Fluorescent lamps:	
- uncompensated	1100 VA/channel
- parallel compensated	1000 W /130 µF
- with electronical ballast (EB)	1000 W
- in Duo circuit	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

- low intrinsic energy requirement
- also usable as push-button relay switch
- automatic setting to dimmable loads (autoDetect process)
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Neutral conductor necessary!

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

Suitable for optional	Order no.	Page
Making current limiter	185	74



Design	Order no.	PU
Relay insert	* **8512 12 00**	1

New



Switch insert 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Switch insert 1gang	* **8512 11 00**	1

New



Touch dimmer (R, L)

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- switch-on brightness level can be stored safe after power failure
- bulb-preserving soft startup
- phase cut-on
- short-circuit and overload proof (electronic fuse)
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Suitable for optional	Order no.	Page
Universal power booster Plus RMD	1 6599 01	59

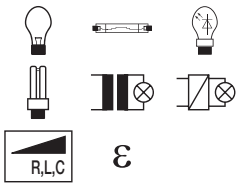
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Touch dimmer (R, L)	* **8542 11 00**	1

New





Universal touch dimmer 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Quantity LED lamps	max. 8
Quantity energy-saving lamps	max. 8
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Universal touch dimmer 1gang	* **8542 12 00**	1

New



Extension unit for motion detector

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	0.3 W
Operating temperature	-5 ... +45 °C
Number of motion detector extension units	unlimited
Cable length, extensions	max. 50 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- short-circuit and overload proof (electronic fuse)
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Design	Order no.	PU
Extension unit for motion detector	* **8532 01 00**	1

Motion detector covers

New



IR motion detector comfort 1.1 m

Delay time, adjustable	≈ 10 s ... 30 min
Short time mode	200 ms
immunity time	≈ 10 s
Nominal mounting height	1.1 m
Range, frontal	≈ 12 m
Range, side	each ≈ 8 m
Detection field, rectangular shaped	≈ 12 x 16 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the controller. Only suitable for indoor areas!

- low intrinsic energy requirement
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with button for on/off/automatic
- µ-processor controlled mode of operation
- step operation with immunity time (e.g. for stair light/ impact current circuits)

Suitable for Inserts — **Order no.** — **Page** page 84

Design	Order no.	PU
Berker R.1/R.3		
polar white glossy [1]	* **8534 12 39**	1
black glossy [1]	* **8534 12 31**	1

[1] no dismantling protection possible

New



IR motion detector comfort 2.2 m

Delay time, adjustable	≈ 10 s ... 30 min
Short time mode	200 ms
immunity time	≈ 10 s
Nominal mounting height	2.2 m
Range, frontal	≈ 8 m
Range, side	each ≈ 6 m
Detection field, rectangular shaped	≈ 8 x 12 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with button for on/off/automatic
- µ-processor controlled mode of operation
- step operation with immunity time (e.g. for stair light/ impact current circuits)

Suitable for Inserts — **Order no.** — **Page** page 84

Design	Order no.	PU
Berker R.1/R.3		
polar white glossy [1]	* **8534 22 39**	1
black glossy [1]	* **8534 22 31**	1

[1] no dismantling protection possible

New



Motion detector 1.1 m

Delay time	≈ 180 s
Nominal mounting height	1.1 m
Range, frontal	≈ 12 m
Range, side	each ≈ 8 m
Detection field, rectangular shaped	≈ 12 x 16 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the controller. Only suitable for indoor areas!

- low intrinsic energy requirement
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with button for on/off/automatic
- µ-processor controlled mode of operation

Suitable for Inserts — **Order no.** — **Page** page 84

Design	Order no.	PU
Berker R.1/R.3		
polar white glossy [1]	* **8534 11 39**	1
black glossy [1]	* **8534 11 31**	1

[1] no dismantling protection possible

New



Motion detector 2.2 m

Delay time	≈ 180 s
Nominal mounting height	2.2 m
Range, frontal	≈ 8 m
Range, side	each ≈ 6 m
Detection field, rectangular shaped	≈ 8 x 12 m
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with button for on/off/automatic
- µ-processor controlled mode of operation

Suitable for	Order no.	Page
Inserts		page 84

Design	Order no.	PU
Berker R.1/R.3		
polar white glossy [1]	* **8534 21 39**	1
black glossy [1]	* **8534 21 31**	1

[1] no dismantling protection possible

BLC -Berker Light Control

BLC Inserts



BLC triac insert (R, L)





Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	40 ... 400 W
Dimmable conventional transformers	40 ... 400 VA
Operating temperature	-20 ... +45 °C

Light scene function (On/Off) in conjunction with BLC radio button.

Possible to change fuse without removing cover.

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- insert suitable for BLC buttons
- with screw terminals

i 859

Design	Order no.	PU
BLC triac insert (R, L)	**2905**	1



BLC tronic insert (R, C)



Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Electronic transformers	50 ... 420 W
Operating temperature	-20 ... +45 °C

Light scene function (On/Off) in conjunction with BLC radio button.

For trouble-free operation, we recommend Berker Tronic transformers.

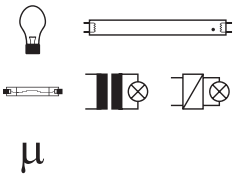
- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-off
- very low noise
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (electronic fuse)
- insert suitable for BLC buttons
- with screw terminals

i 859



Design	Order no.	PU
BLC tronic insert (R, C)	**2916**	1







BLC relay insert

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
Breaking capacity	2300 W
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Conventional transformers	1000 VA
Electronic transformers	1500 W
Insertion depth	22 mm
Operating temperature	-20 ... +45 °C

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!

- when cover is detached, the switch status is retained (wallpaper function)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- also usable as push-button relay switch
- insert suitable for BLC buttons
- with screw terminals

Suitable for optional	Order no.	Page
Making current limiter	185	74

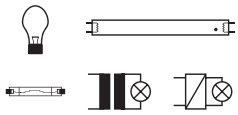


Design	Order no.	PU
BLC relay insert	**2906**	1











BLC relay insert HVAC

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
Motor switching current (HLK channel)	2.1 A
Breaking capacity	1000 W
Switching capacity, HLK channel	max. 800 W
230 V incandescent lamps and halogen lamps	1000 W
230 V incandescent lamps (HVAC-channel)	800 W
230 V halogen lamps (HVAC-channel)	750 W
Fluorescent lamps:	
- uncompensated	500 VA
- in Duo circuit	1000 VA
Conventional transformers	750 VA
Electronic transformers	750 W
Switch on delay HVAC-channel	0/3 min
HVAC-channel adjustable	≈ 2/10/30/60/120 min
Operating temperature	+5 ... +35 °C

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!

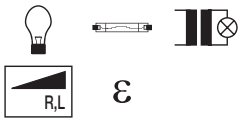
- when cover is detached, the switch status is retained (wallpaper function)
- switch on delay for HVAC channel can be activated/ deactivated permanently with BLC button
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- also usable as push-button relay switch
- with delay time HVAC relay contact for e.g. valve drive, thermostat, fan ...
- potential-free HVAC contact suitable for function extra-low voltage FELV (only alternating voltage)
- insert suitable for BLC buttons
- with screw terminals

Suitable for optional	Order no.	Page
Making current limiter	185	74



Design	Order no.	PU
BLC relay insert HVAC	**2912**	1





BLC touch dimmer (R, L)

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable conventional transformers	20 ... 500 VA
Number of built-in power boosters (R, L)	max. 10
Operating temperature	-20 ... +45 °C

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

Possible to change fuse without removing cover.

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on
- switch-on brightness memory function
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- insert suitable for BLC buttons
- with screw terminals

Suitable for optional	Order no.	Page
Power booster built-in (R, L)	2869	60



Design	Order no.	PU
BLC touch dimmer (R, L)	**2904**	1



BLC universal touch dimmer (R, L, C)

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Insertion depth	22 mm
Operating temperature	-20 ... +45 °C

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

- when cover is detached, the switch status is retained (wallpaper function)
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- very low noise
- switch-on brightness level can be stored safe after power failure
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- short-circuit and overload proof (electronic fuse)
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- insert suitable for BLC buttons
- with screw terminals

Suitable for optional	Order no.	Page
Mains decoupler RMD	187 00	74
Mains decoupler comfort RMD	1 8799 01	73
Power booster built-in (R, L)	2869	60
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	59

Design	Order no.	PU
BLC universal touch dimmer (R, L, C)	**2902**	1



BLC 1 - 10 V push-button control unit

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	3.04 A
Control current	50 mA
Operating temperature	+5 ... +35 °C

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

In case of excessive switch-on currents use switch-on current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

When using LV halogen lamps, we recommend Berker 1 - 10 V Tronic transformers, 105 W, order no. 2977.

Neutral conductor necessary!

Interface to according to DIN EN 61347-2-3

- when cover is detached, the switch status is retained (wallpaper function)
- basic brightness programmable
- switch-on brightness level can be stored safe after power failure
- e.g. for fluorescent lamps and LV halogen lamps
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- insert suitable for BLC buttons
- with screw terminals

Suitable for optional	Order no.	Page
Making current limiter	185	74

Design	Order no.	PU
BLC 1 - 10 V push-button control unit	**2903**	1



BLC extension unit for motion detector

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
Number of substations	max. 10
Number of extension units (for order no. 2902)	max. 5
Cable length between main unit and extension unit	max. 100 m
Insertion depth	22 mm

Neutral conductor necessary!

- with screw terminals

Design	Order no.	PU
BLC extension unit for motion detector	**2908**	1



BLC insert for timer

i 868

Operating voltage	230 V~
Frequency	50 Hz
Conductor cross-section (rigid)	max. 4 mm²
Control cable length	max. 100 m
Insertion depth	22 mm
Operating temperature	+5 ... +35 °C

- insert suitable for BLC buttons
- with screw terminals

Suitable for	Order no.	Page
BLC timer RMD for stairway light	163 01	55

Note:
Delay time setting, switch-off prewarning and functions for off/automatic/continuous on are carried out on the BLC timer RMD for the stairway light.

For 3-conductor circuit with neutral conductor and for 4-conductor circuit with neutral conductor or phase.

For upgrading of stairwell light and pulse circuits without additional wiring.

Only suitable for BLC controller with imprint release issue “R3”.



Design	Order no.	PU
BLC insert for timer	**2934 10**	1

BLC controller



BLC controller comfort 1.1 m

i 862

Delay time, adjustable	≈ 10 s ... 30 min
immunity time	≈ 3 s
Time to dim down	30 s
Short time mode	0.5 s
Nominal mounting height	1.1 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 10 x 12 m
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Dimensions assembling height	23.5 mm
Operating temperature	-20 ... +45 °C



- with adaptive sensitivity adjustment
- with dimming function (soft-off) when using BLC dimmer inserts
- glare-proof, e.g. against a torch
- with slide switch for OFF/automatic/ON
- with teach function for response brightness
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- switch-on brightness in conjunction with BLC dimmer inserts can only be saved via BLC extension unit
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

Suitable for	Order no.	Page
BLC Inserts		page 88

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the controller. Only suitable for indoor areas!

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.





Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1784 89 82**	1
polar white glossy		**1784 89 89**	1
polar white matt		**1784 19 09**	1
anthracite matt		**1784 16 06**	1
aluminium matt, lacquered		**1784 14 04**	1
Modul 2			
white glossy	#	**1784 02**	1
polar white glossy	#	**1784 09**	1

New



Berker Q.1/Q.3			
polar white velvety		**1784 60 89**	1
anthracite velvety, lacquered	*	**1784 60 86**	1

New





Design		Order no.	PU
Berker K.1/K.5			
polar white glossy		**1784 70 09**	1
anthracite matt, lacquered		**1784 70 06**	1
aluminium matt, lacquered	*	**1784 70 03**	10
stainless steel matt, lacquered		**1784 70 04**	1
Berker Arsys			
white glossy		**1784 00 02**	1
polar white glossy		**1784 00 69**	1
light bronze matt, lacquered		**1784 90 11**	1
stainless steel matt, lacquered		**1784 90 04**	1
brown glossy		**1784 00 01**	1





BLC controller 1.1 m

i **862**

Delay time	≈ 2 min
Nominal mounting height	1.1 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 10 x 12 m
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Dimensions assembling height	23.5 mm
Operating temperature	-20 ... +45 °C

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the controller. Only suitable for indoor areas!

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

- activation by push-button, NC contact in the line
- with cover to limit detection angle to 90°

Suitable for	Order no.	Page
BLC Inserts		page 88

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1783 89 82**	1
polar white glossy		**1783 89 89**	1
polar white matt		**1783 19 09**	1
anthracite matt		**1783 16 06**	1
aluminium matt, lacquered		**1783 14 04**	1
Modul 2			
white glossy	#	**1783 02**	1
polar white glossy	#	**1783 09**	1





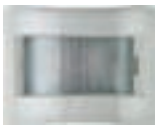
New



Berker Q.1/Q.3			
polar white velvety		**1783 60 89**	1
anthracite velvety, lacquered	*	**1783 60 86**	1

New





Berker K.1/K.5			
polar white glossy		**1783 70 09**	1
anthracite matt, lacquered		**1783 70 06**	1
aluminium matt, lacquered	*	**1783 70 03**	1
stainless steel matt, lacquered		**1783 70 04**	1
Berker Arsys			
white glossy		**1783 00 02**	1
polar white glossy		**1783 00 69**	1
brown glossy		**1783 00 01**	1
light bronze matt, lacquered		**1783 90 11**	1
stainless steel matt, lacquered		**1783 90 04**	1





BLC IR controller comfort 2.2 m with hand-held transmitter

i 863

Delay time, adjustable	≈ 10 s ... 60 min
Time to dim down	30 s
Short time mode	0.3 s
Limit switch-off	after max. 90 min
Nominal mounting height	2.2 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 12 x 12 m
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Response sensitivity stages	25/50/75/100 %
Response brightness stages	1/10/150/250 lx
Dimensions assembling height	31.4 mm
Operating temperature	-15 ... +45 °C

Scope of delivery:
- BLC IR controller comfort
- IR hand-held transmitter

As-delivered and reset condition: Response sensitivity 100%, time delay 30 s, night mode approx. 1 lx, additional functions OFF.

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

- dimming insert switch-off advance warning (30 s dimming process)
- with adaptive sensitivity adjustment
- glare-proof, e.g. against a torch
- switch insert switch-off advance warning (3x alternately 0.2 s off/10 s on) via remote control
- with teach function for response brightness
- µ-processor controlled mode of operation
- switch-on brightness for BLC dimmer insert with hand-held transmitter and BLC extension unit storable
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- with 2 buttons for permanent ON (LED green), permanent OFF (LED red) and automatic
- presence simulation via remote control: retrieval of the switching operations from the last 7 days
- hotel mode via remote control: without motion dimming to 20%
- short-time mode with immunity time (e.g. for bell) via remote control
- test mode via remote control: response sensitivity 100%, time delay 1 s and day mode
- angle of detection limiter by means of sensor cutoff via remote control
- settings power-failure proof
- with detection and IR receiver LED red, and IR confirmation LED green
- with crawl-under protection

Suitable for	Order no.	Page
BLC Inserts		page 88





New



New





Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1789 89 82**	1
polar white glossy		**1789 89 89**	1
polar white matt		**1789 19 09**	1
anthracite matt		**1789 16 06**	1
aluminium matt, lacquered		**1789 14 04**	1
Modul 2			
white glossy	#	**1789 02**	1
polar white glossy	#	**1789 09**	1
Berker Q.1/Q.3			
polar white velvety		**1789 60 89**	1
anthracite velvety, lacquered	*	**1789 60 86**	1
Berker K.1/K.5			
polar white glossy		**1789 70 09**	1
anthracite matt, lacquered		**1789 70 06**	1
aluminium matt, lacquered	*	**1789 70 03**	1
stainless steel matt, lacquered		**1789 70 04**	1
Berker Arsys			
white glossy		**1789 00 02**	1
polar white glossy		**1789 00 69**	1
light bronze matt, lacquered		**1789 90 11**	1
stainless steel matt, lacquered		**1789 00 04**	1



Hand-held transmitter for BLC IR controller

i 863

Operating voltage	3 V=
Number of IR channels	31
Dimensions (L x W x H)	85 x 52 x 7 mm

Functions and settings for BLC controller master station: 2 h on/off, continuous on/off, dimming (with BLC dimmer insert), short-time, hotel and test mode, switch insert switch-off advance warning, response brightness stages, response brightness continuously learnable, switch-on brightness storable (for BLC dimmer insert), response sensitivity in stages, delay time in stages and continuously learnable, sensor switch-off for angle of detection limitation, simultaneous operation, reset.

Functions and settings for BLC controller extension unit: extension unit 2 h or continuous OFF, response sensitivity in stages, sensor switch-off for angle of detection limitation, motion LED, reset.

IR remote control for individual configuration of the BLC IR Comfort controller 2.2 m.

- with 31 function keys
- with teach function for response brightness
- test functions for sensor setting (left, right, both sensors active)
- key function for switch-off advance warning
- key function for setting minimum brightness (only for operation with dimmer insert)
- key function for test mode
- key functions for 2 h ON/OFF, continuous ON/OFF and automatic mode
- key functions for response sensitivity 25%, 50%, 75% and 100%
- key functions for presence simulation, hotel and outdoor mode
- key functions for setting the follow-up time: 30 s, 2/5/30 min and individual follow-up time
- with enclosed lithium cell battery 3 V type: CR 2025



Design	Order no.
light grey/dark grey	**Included in scope of delivery**



BLC controller 2.2 m

i 863

Delay time	≈ 2 min
Time to dim down	30 s
Nominal mounting height	2.2 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 12 x 12 m
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Response brightness, teachable	≈ 10 lx
Dimensions assembling height	31.4 mm
Operating temperature	-15 ... +45 °C



As-delivered and reset condition: response brightness 10 lx.

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

- dimming insert switch-off advance warning (30 s dimming process)
- with adaptive sensitivity adjustment
- glare-proof, e.g. against a torch
- with teach function for response brightness
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- switch-on brightness for BLC dimmer insert with hand-held transmitter and BLC extension unit storable
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- with crawl-under protection

Suitable for	Order no.	Page
BLC Inserts		page 88

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1788 89 82**	1
polar white glossy		**1788 89 89**	1
polar white matt		**1788 19 09**	1
anthracite matt		**1788 16 06**	1
aluminium matt, lacquered		**1788 14 04**	1
Modul 2			
white glossy	#	**1788 02**	1
polar white glossy	#	**1788 09**	1



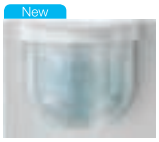


New



Berker Q.1/Q.3			
polar white velvety		**1788 60 89**	1
anthracite velvety, lacquered	*	**1788 60 86**	1

New





Design		Order no.	PU
Berker K.1/K.5			
polar white glossy		**1788 70 09**	1
anthracite matt, lacquered		**1788 70 06**	1
aluminium matt, lacquered	*	**1788 70 03**	1
stainless steel matt, lacquered		**1788 70 04**	1
Berker Arsys			
white glossy		**1788 00 02**	1
polar white glossy		**1788 00 69**	1
light bronze matt, lacquered		**1788 90 11**	1
stainless steel matt, lacquered		**1788 00 04**	1

New



1,1 m IP44

BLC controller comfort 1.1 m IP44

i 862

Delay time, adjustable	≈ 10 s ... 30 min
immunity time	≈ 3 s
Time to dim down	30 s
Short time mode	0.5 s
Nominal mounting height	1.1 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 10 x 12 m
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Dimensions assembling height	23.5 mm
Operating temperature	-20 ... +45 °C

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

- with adaptive sensitivity adjustment
- with dimming function (soft-off) when using BLC dimmer inserts
- glare-proof, e.g. against a torch
- with teach function for response brightness
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- switch-on brightness in conjunction with BLC dimmer inserts can only be saved via BLC extension unit
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

Suitable for	Order no.	Page
BLC Inserts		page 88







Design		Order no.	PU
Berker Q.1/Q.3			
polar white velvety [1]		**1784 61 89**	1
anthracite velvety, lacquered [1]	*	**1784 61 86**	1
Berker K.1/K.5			
polar white glossy [1]		**1784 71 09**	1
anthracite matt, lacquered [1]		**1784 71 06**	1
Flush-mounted splash-protected IP44			
white glossy [2]		**1784**	1
polar white glossy [2]		**1784 19**	1
brown glossy [2]		**1784 11**	1

[1] sealing set enclosed
[2] with cover to limit detection angle to 90°

New



1,1 m IP44

BLC controller 1.1 m IP44

i 862

Delay time	≈ 2 min
Nominal mounting height	1.1 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 10 x 12 m
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Dimensions assembling height	23.5 mm
Operating temperature	-20 ... +45 °C

- activation by push-button, NC contact in the line
- with cover to limit detection angle to 90°

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

Suitable for BLC Inserts — **Order no.** — **Page** page 88







Design		Order no.	PU
Berker Q.1/Q.3			
polar white velvety [1]		**1783 61 89**	1
anthracite velvety, lacquered [1]	*	**1783 61 86**	1
Berker K.1/K.5			
polar white glossy [1]		**1783 71 09**	1
anthracite matt, lacquered [1]		**1783 71 06**	1
Flush-mounted splash-protected IP44			
white glossy [2]		**1783**	1
polar white glossy [2]		**1783 19**	1
brown glossy [2]		**1783 11**	1

[1] sealing set enclosed
[2] with cover to limit detection angle to 90°

New



2,2 m IP44

BLC controller comfort 2.2 m IP44

i 862

Delay time, adjustable	≈ 10 s ... 30 min
immunity time	≈ 3 s
Time to dim down	30 s
Short time mode	0.5 s
Nominal mounting height	2.2 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 12 x 12 m
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Dimensions assembling height	23.5 mm
Operating temperature	-20 ... +45 °C

- with adaptive sensitivity adjustment
- with dimming function (soft-off) when using BLC dimmer inserts
- glare-proof, e.g. against a torch
- with teach function for response brightness
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- switch-on brightness in conjunction with BLC dimmer inserts can only be saved via BLC extension unit
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

Suitable for BLC Inserts — **Order no.** — **Page** page 88



Design		Order no.	PU
Berker Q.1/Q.3			
polar white velvety [1]		**1787 61 89**	1
anthracite velvety, lacquered [1]	*	**1787 61 86**	1





Berker K.1/K.5

polar white glossy [1]	**1787 71 09**	1
anthracite matt, lacquered [1]	**1787 71 06**	1

Flush-mounted splash-protected IP44

white glossy	**1787**	1
polar white glossy	**1787 19**	1
brown glossy	**1787 11**	1

[1] sealing set enclosed

New





IP44

BLC controller 2.2 m IP44

i 862

Delay time	≈ 2 min
Nominal mounting height	2.2 m
Detection angle	180 °
Detection field, semi-oval shaped	≈ 12 x 12 m
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Dimensions assembling height	23.5 mm
Operating temperature	-20 ... +45 °C

- activation by push-button, NC contact in the line
- with cover to limit detection angle to 90°

Suitable for	Order no.	Page
BLC Inserts		page 88

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.







Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety [1]	**1786 61 89**	1
anthracite velvety, lacquered [1]	* **1786 61 86**	1
Berker K.1/K.5		
polar white glossy [1]	**1786 71 09**	1
anthracite matt, lacquered [1]	**1786 71 06**	1
Flush-mounted splash-protected IP44		
white glossy	**1786**	1
polar white glossy	**1786 19**	1
brown glossy	**1786 11**	1

[1] sealing set enclosed



IP20

BLC ceiling controller 360°

Number of substations	max. 10
Number of extension units (for order no. 2902)	max. 5
Delay time, adjustable	≈ 10 s ... 30 min
immunity time	≈ 2.5 s
Short time mode	1 s
Installation height	≈ 3 m
Detection angle	360 °
Approach range	≈ 6 m
Cross range	≈ 10 m
Response brightness, adjustable	≈ 2 ... 80 lx, ∞ lx (day)
Dimensions (Ø x assembling height)	103 x 42 mm
Operating temperature	+5 ... +35 °C

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

- with dimming function (soft-off) when using BLC dimmer inserts
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- on BLC dimmer inserts, saving of the switch-on brightness and temporary dimming via BLC extension un
- activation by push-button, NC contact in the line
- step operation with immunity time (e.g. for bell)
- with push-on cover to limit the detection field
- for ceiling mounting in 60 surface-mounted or hollow-wall box
- detection field extension with BLC controller extension unit
- on BLC or push-button (NO) extension units can be switched on by retriggering
- with red detection LED (when minimum response brightness level infringed)

Suitable for	Order no.	Page
BLC Inserts		page 88
optional		
Surface-mounted housing for BLC and KNX presence detector	1076 09	99



Design	Order no.	PU
polar white matt	**1701 11**	1

BLC presence detectors



IP20

BLC presence detector with constant light control

i 865

Number of substations	max. 10
Delay time, adjustable	≈ 10 s ... 30 min
Monitor run-on time, settable	≈ 10 s ... 10 min
Presence detector run-on time, settable	≈ 10 ... 30 min
Activation on movement	< 30 cm
Detection angle	360 °
Recommended installation height	≈ 2.5 m
Detection field Ø, on floor	≈ 8 m
Detection field Ø, at desk height	≈ 5 m
Response brightness, adjustable	≈ 10 ... 1000 lx, ∞ lx (day)
Dimensions (Ø x assembling height)	103 x 42 mm
Operating temperature	+5 ... +35 °C

The purpose of the presence detector with constant light control is to save energy by dimming/switching off lighting when unoccupied or when ambient light level is sufficient. Furthermore, it facilitates presence-dependent activation of heating/ventilation systems in conjunction with the BLC relay/switch insert HVAC.
Application areas e.g. office buildings, schools, hotels and nursing homes.

- with Dia-presentation function
- with dimming function (soft-off) when using BLC dimmer inserts
- with push-on cover to limit the detection field
- for ceiling mounting in 60 surface-mounted or hollow-wall box
- energy saving by presence and brightness-controlled lighting control
- detection field extension with BLC controller extension unit
- on BLC extension units, the brightness setpoint can also be temporarily changed
- on BLC or push-button (NO), extension units can be switched on and off by retriggering
- also to be used as ceiling controller in through areas
- with red diagnosis and settings help LED

Suitable for	Order no.	Page
BLC Inserts		page 88
optional		
Surface-mounted housing for BLC and KNX presence detector	1076 09	99



Design	Order no.	PU
polar white matt	**1701 10**	1



Surface-mounted housing for BLC and KNX presence detector

Dimensions (Ø x assembling height)	103 x 45 mm

- cable entry from all sides possible
- also for KNX applications - KNX presence detector

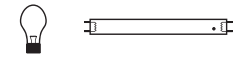
Suitable for	Order no.	Page
BLC presence detector with constant light control	1701 10	99
BLC ceiling controller 360°	1701 11	99

Design	Order no.	PU
polar white matt	**1076 09**	1

Presence detectors

Presence detector surface-mounted







μ IP20

Presence detector AP

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current (ohmic)	max. 10 A
Switch-on current < 4 s	max. 35 A /min.
230 V incandescent lamps and halogen lamps	1000 W
Fluorescent lamps:	
- uncompensated	500 VA
- parallel compensated	400 VA [200 µF]
Duo circuit KVG	1000 VA
Conventional transformers	750 VA
Electronic transformers	750 W
Delay time, adjustable	≈ 10 s ... 30 min
Monitor run-on time, settable	≈ 10 s ... 10 min
Presence detector run-on time, settable	≈ 10 ... 30 min
Activation on movement	< 30 cm
Detection angle	360 °
Recommended installation height	≈ 2.5 ... 3.5 m
Detection field Ø, on floor	≈ 8 m
Detection field Ø, at desk height	≈ 5 m
Response brightness, adjustable	≈ 10 ... 1000 lx, ∞ lx (day)
Dimensions (Ø x assembling height)	103 x 57.5 mm
Operating temperature	+5 ... +35 °C

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

The purpose of the presence detector is to save energy by switching off lighting when unoccupied or when ambient light level is sufficient.
Application areas e.g. office buildings, schools, hotels and nursing homes.

i 867

- with communication between individual units connected in parallel (controller system formation)
- with push-on cover to limit the detection field
- for ceiling assembly (also on a 60 wall box)
- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- on push-button (NO), extension units can be switched on and off by retriggering
- also to be used as ceiling controller in through areas
- with red diagnosis and settings help LED
- with fitting material
- with plug-in terminals

Suitable for optional	Order no.	Page
Making current limiter	185	74



Design	Order no.	PU
polar white matt	**1701 08**	1

IR presence detectors

- IEC 60669-2-1
- Connection terminals according to IEC 60669-1



IR presence detector

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (operation)	≈ 2.4 VA
Power consumption (standby)	270 mW
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- parallel compensated	1000 VA
Compact fluorescent lamps	23 VA
Conventional transformers	1500 VA
Electronic transformers	1500 W
Delay time, adjustable	≈ 1 min ... 1 h
Detection angle	360 °
Recommended installation height	≈ 2.5 ... 3.5 m
Detection field Ø, on floor	≈ 7 m
Detection field Ø, at desk height	≈ 5 m
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Conductor cross-section (rigid)	0.5 ... 1.5 mm²
Conductor cross-section (flexible)	0.5 ... 1.5 mm²
Dimensions (Ø x H)	78 x 70 mm
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm
Operating temperature	-10 ... +60 °C

μ IP41

- can only be used as a single unit
- with potentiometers for setting the response brightness and delay time without dismantling
- operating modes: semiautomatic, automatic, teach-in, day, corridor, office, test mode
- with spring clips for ceiling installation
- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- on push-button (NO), extension units can be switched on and off by retriggering
- with red and green acknowledge/receive LED
- with screw terminals

Suitable for optional	Order no.	Page
IR hand-held transmitter for presence detector	7590 40 01	102
IR configuration hand-held transmitter for presence detector	7590 40 02	102
Surface-mounted housing for IR presence detector	1701 05	102

The purpose of the presence detector is to save energy by switching off lighting when unoccupied or when ambient light level is sufficient.
Application areas e.g. office buildings, schools, hotels and nursing homes.

Design	Order no.	PU
polar white matt	**1701 06**	1



DALI IR presence detector

IP41

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption	≈ 60 mW
Delay time, adjustable	≈ 1 min ... 1 h
Detection angle	360 °
Recommended installation height	≈ 2.5 ... 3.5 m
Detection field Ø, on floor	≈ 7 m
Detection field Ø, at desk height	≈ 5 m
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Conductor cross-section (rigid)	0.5 ... 1.5 mm²
Conductor cross-section (flexible)	0.5 ... 1.5 mm²
Dimensions (Ø x H)	78 x 70 mm
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm
Operating temperature	-10 ... +60 °C

- can only be used as a single unit
- with potentiometers for setting the response brightness and delay time without dismantling
- storing 4 individual switch-on brightness values with hand-held transmitter
- operating modes: semiautomatic, automatic, teach-in, day, corridor, office, test mode
- with spring clips for ceiling installation
- integrated DALI/DSI output (broadcast) for switching/controlling 24 DALI/DSI electronic ballasts
- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- on push-button (NO), extension units can be switched on and off by retriggering
- with red and green acknowledge/receive LED
- with screw terminals

Suitable for optional	Order no.	Page
IR hand-held transmitter for presence detector	7590 40 01	102
IR configuration hand-held transmitter for presence detector	7590 40 02	102
Surface-mounted housing for IR presence detector	1701 05	102

The purpose of the presence detector is to save energy by switching off lighting when unoccupied or when ambient light level is sufficient.
Application areas e.g. office buildings, schools, hotels and nursing homes.

Design	Order no.	PU
polar white matt	**1701 07**	1



Surface-mounted housing for IR presence detector

Dimensions (Ø x H) 75 x 67 mm

- with cable entry
- also for KNX applications - KNX IR presence detector

Suitable for	Order no.	Page
		page
IR presence detector	1701 06	101
DALI IR presence detector	1701 07	101

Design	Order no.	PU
polar white matt	**1701 05**	1



IR hand-held transmitter for presence detector

Battery service life [years] ≈ 3.5

Dimensions (L x W x H) 120 x 70 x 10 mm

Scope of functions dependent on the controlled presence detector.

For control for the lighting connected to the presence detector.

Required battery (CR 2032) is included in the scope of delivery.

IP30

- with 4 function buttons (calling up/saving light scene)
- with green “on” and red “off” button (on/off, dimmer function)
- RC6 code
- additional acknowledgement LED for displaying the IR transmission
- also for KNX applications - KNX IR presence detector

Suitable for	Order no.	Page
IR presence detector	1701 06	101
DALI IR presence detector	1701 07	101

Design	Order no.	PU
black matt	**7590 40 01**	1



IR configuration hand-held transmitter for presence detector

Battery service life [years] ≈ 3.5

Dimensions (L x W x H) 111 x 63 x 10 mm

For convenient configuration of supported presence detectors.

Required battery (CR 2032) is included in the scope of delivery.

IP30

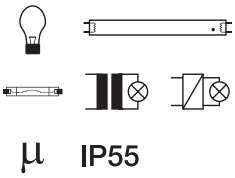
- 3 configuration ranges for control, switch-off delay, brightness threshold
- setting of the brightness threshold manually, by default values or teach-in mode
- default settings can be selected for the brightness threshold daylight, office, corridor
- 15 buttons with integrated status-LED
- RC6 code
- 2 configuration memories for identical configuration of several presence detectors
- additional acknowledgement LED for displaying the IR transmission
- also for KNX applications - KNX IR presence detector

Suitable for	Order no.	Page
IR presence detector	1701 06	101
DALI IR presence detector	1701 07	101

Design	Order no.	PU
black matt	**7590 40 02**	1

Controllers surface-mounted





μ IP55

Controller 70° surface-mounted

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption	≈ 1.1 W
230 V incandescent lamps and halogen lamps	1000 W
Fluorescent lamps:	
- uncompensated	500 VA
- parallel compensated	400 VA
- in Duo circuit	1000 VA
Conventional transformers	750 VA
Electronic transformers	750 W
Delay time, adjustable	≈ 10 s ... 5 min
Detection angle	70 °
Range	≈ 8 m
Range adjustable in 3 stages	4, 6, 8 m
Recommended installation height	≈ 2.4 m
Detection field, rectangular shaped	≈ 8 x 11 m
Response brightness, adjustable	≈ 3 ... 80 lx, ∞ lx (day)
Dimensions (W x H x D)	62 x 120 x 42 mm
Ambient temperature	-25 ... +55 °C

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

To prevent incorrect switching caused by draughts, the supplied sealings must be used under the fastening screws.

Switches on for the duration of the delay time when the minimum response brightness level is infringed and if people are detected.

Neutral conductor necessary!

i 870

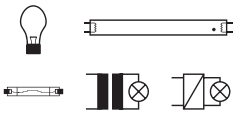
- activation by push-button, NC contact in the line
- with cable entry at top and bottom
- with covers to limit the detection field
- for wall mounting
- specially for frontal approach
- with plug-in terminals

Suitable for optional	Order no.	Page
Making current limiter	185	74



Design	Order no.	PU
polar white matt	**1 4399 09**	1
anthracite matt	**1 4399 05**	1





µ IP54

Automatic controller plus 110° surface-mounted

i 870

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps	2300 W
230 V halogen lamps	1000 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Conventional transformers	1200 VA
Electronic transformers	1200 W
Delay time, adjustable	≈ 12 s ... 12 min
Detection angle	110 °
Range	≈ 16 m
Recommended installation height	≈ 2.5 m
Detection field width	max. 25 m
Response brightness, adjustable	≈ 5 ... 300 lx, ∞ lx (day)
Dimensions (W x H x D)	90 x 125 x 134 mm
Operating temperature	-35 ... +50 °C

- µ-processor controlled mode of operation
- activation by push-button, NC contact in the line
- with 2 cable entries at bottom
- with covers to limit the detection field
- for wall mounting
- digital detection signal evaluation
- rotating and vertically slewing
- with fitting material
- with screw terminals

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Switches on for the duration of the delay time when the minimum response brightness level is infringed and if people are detected.

Neutral conductor necessary!

Suitable for optional	Order no.	Page
Making current limiter	185	74



Design	Order no.	PU
polar white glossy	**102 09**	1



µ IP55

Controller Berker Control 220° surface-mounted

i 870

Operating voltage	230/240 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Conventional transformers	1200 VA
Electronic transformers	1200 W
Delay time, adjustable	≈ 2 s ... 30 min
Short time mode	0.5 s
Limit switch-off	after max. 90 min
Detection angle	220 °
Detection field, semi-oval shaped	≈ 22 x 20 m
Range	≈ 16 m
Recommended installation height	≈ 2.4 m
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 1 ... 1000 lx, ∞ lx (day)
Dimensions (W x H x D)	109 x 112 x 139 mm
Operating temperature	-20 ... +55 °C

- with communication between individual units connected in parallel (controller system formation)
- with limit switch-off
- glare-proof, e.g. against a torch
- with non-weather-dependent range consistency
- µ-processor controlled mode of operation
- activation by push-button, NC contact in the line
- step operation with immunity time adjustment (e.g. for bell)
- with 4 operating modes: controller operation/4 h on/4 h off/test mode
- mode change by NC push-button in lead
- cable entry from all sides possible
- with cover elements to limit the detection field
- for wall and ceiling mounting
- digital detection signal evaluation
- digital interference signal suppression
- vertically slewing and horizontally rotating
- with LED detection and mode indicator
- with crawl-under protection
- with fitting material
- with plug-in terminals

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Switches on for the duration of the delay time when the minimum response brightness level is infringed and if people are detected.

Neutral conductor necessary!

Suitable for optional	Order no.	Page
Making current limiter	185	74



Design	Order no.	PU
polar white glossy	**190**	1

Controller system

System controller, surface-mounted

- Rotating and vertically slewing
- For wall mounting
- With 2 cable entries at top
- With push-on cover to limit the detection field
- With fitting material
- With LED detection indicator
- With screw terminals
- Controller system sensor cable, e.g. JY-ST-Y 2x2x0.8 mm



System controller 180°

i 871

Operating voltage	15 V=
Detection angle	180 °
Recommended installation height	≈ 2.4 m
Detection field, semi-circular shaped	≈ 16 x 32 m
Fail-safety	≤ 10 V/m
Range	≈ 16 m
Operating temperature	-25 ... +55 °C
Dimensions (W x H x D)	80 x 68 x 92 mm

IP55

Sends signal to controller system power pack if people are detected.



Suitable for	Order no.	Page
System controller power packs		page 106
Mounting accessories		page 107

Design	Order no.	PU
polar white glossy	**151 09**	1



System controller 240°

i 871

Operating voltage	15 V=
Response sensitivity, settable	≈ 20 ... 100 %
Detection angle	240 °
Recommended installation height	≈ 2.4 m
Detection field, rectangular shaped	≈ 22 x 20 m
Range	≈ 16 m
Operating temperature	-25 ... +55 °C
Dimensions (W x H x D)	80 x 68 x 117 mm

IP55

- with cover for crawl under protection
- with push-on cover to limit the detection field
- with crawl-under protection

Sends signal to controller system power pack if people are detected.



Suitable for	Order no.	Page
System controller power packs		page 106
Mounting accessories		page 107

Design	Order no.	PU
polar white glossy	**152 09**	1

System controller power packs

– Switching on infringement of the minimum response brightness level and when people are detected by the 180°/240° system controllers and 1.1 m/2.2 m system controllers for the duration of the delay time.



System controller power unit surface-mounted

i 871

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Conventional transformers	1200 VA
Electronic transformers	1200 W
Delay time, adjustable	≈ 4 s ... 15 min
Response brightness, adjustable	≈ 3 ... 80 lx, ∞ lx (day)
Dimensions (W x H x D)	110 x 94 x 38 mm
Operating temperature	-25 ... +55 °C

– with limit switch-off
– with 2 cable entries at bottom
– for connection of system controllers 180°/240° and system controller inserts: max 8 pieces
– with green indicator LED
– with fitting material
– with screw terminals

Suitable for	Order no.	Page
System controller, surface-mounted		page 105
optional		
Making current limiter	185	74

IP55

Neutral conductor necessary!

Design	Order no.	PU
polar white glossy	**150 29**	1



System controller power unit 1-channel RMD

i 871

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Conventional transformers	1200 VA
Electronic transformers	1200 W
Delay time, adjustable	≈ 4 s ... 15 min
Response brightness, adjustable	≈ 3 ... 80 lx, ∞ lx (day)
Width of rail mounted device (RMD)	4 TE
Operating temperature	-25 ... +55 °C

– with limit switch-off
– for connection of system controllers 180°/240° and system controller inserts: max 8 pieces
– with potential-free contact
– with green indicator LED
– with screw terminals

Suitable for	Order no.	Page
System controller, surface-mounted		page 105
optional		
Making current limiter	185	74

Neutral conductor necessary!

Design	Order no.	PU
light grey	**155**	1



System controller power unit 2-channel RMD

i 871

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	per channel 2300 W
Fluorescent lamps:	
- uncompensated	1200 VA
- parallel compensated	920 VA
- in Duo circuit	2300 VA
Conventional transformers	1200 VA
Electronic transformers	per channel 1200 W
Delay time, adjustable	≈ 4 s ... 15 min
Response brightness, adjustable	≈ 3 ... 80 lx, ∞ lx (day)
Width of rail mounted device (RMD)	4 TE
Operating temperature	-25 ... +55 °C

Neutral conductor necessary!

- with limit switch-off
- for connection of system controllers 180°/240° and system controller inserts: max 2 x 8 pieces
- with potential-free and mains-connected contact
- with green indicator LED per channel
- with screw terminals

Suitable for	Order no.	Page
System controller, surface-mounted		page 105
optional		
Making current limiter	185	74

Design	Order no.	PU
light grey	**159**	1

Supplementary products

Mounting accessories



Corner mounting piece for controllers/sensors

i 875

- for mounting, e.g. on building corners

Suitable for	Order no.	Page
Radio controller surface-mounted	1 7401 09	695
System controller 180°	151 09	105
System controller 240°	152 09	105
Weather station surface-mounted	7549 00 01	804

Design	Order no.	PU
polar white glossy	**149 09**	1



Ceiling mounting angle for controller

i 875

- for ceiling mounting

Suitable for	Order no.	Page
Radio controller surface-mounted	1 7401 09	695
System controller 180°	151 09	105
System controller 240°	152 09	105

Design	Order no.	PU
Ceiling mounting angle for controller	**148**	1



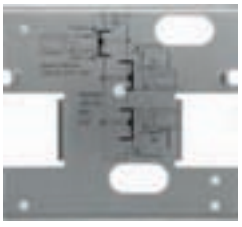
Ceiling mounting angle 2gang for controller

i 875

- for ceiling mounting of 2 controllers 180

Suitable for	Order no.	Page
Radio controller surface-mounted	1 7401 09	695
System controller 180°	151 09	105
System controller 240°	152 09	105

Design	Order no.	PU
Ceiling mounting angle 2gang for controller	**158**	1



Mast fixing for controllers/sensors

i 875

Mast Ø 50 ... 120 mm

Suitable for	Order no.	Page
Radio controller surface-mounted	1 7401 09	695
System controller 180°	151 09	105
System controller 240°	152 09	105
Weather station surface-mounted	7549 00 01	804

Design	Order no.	PU
Mast fixing for controllers/sensors	**154**	1

Radio interference suppressors for controllers



Interference suppressor for controller

i 873

Rated voltage	250 V~
Frequency	50/60 Hz
Capacity	0.05 µF
Resistor	100 Ω
Pre-assembled cables	≈ 95 mm
Dimensions (Ø x H)	18 x 37 mm

– RC element

For connection of mains-parallel inductivities (e. g. conventional transformers) when they cause the controller to reactivate.

Suitable for	Order no.	Page
BLC timer RMD for stairway light	163 01	55

Design	Order no.	PU
light grey	**123**	1

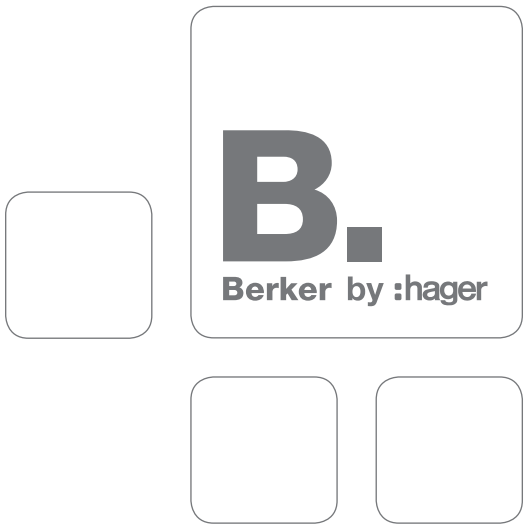
Blind control

A single action – and you can darken, brighten, open or lock any room to people outside. When combined with timers or sensors, all of this can happen automatically at times you set yourself or when the weather is bad. In this way, a Berker blind controller not only provides controlled sunlight penetration and temperature, but also tangibly more safety.

- Time-controlled raising and lowering of blinds.
- Twilight-controlled blind movement.
- Retraction of awnings or window closing according to precipitation or wind.
- Monitoring of windows and doors against glass breakage.
- Shut-out protection against blind lowering when the patio door is open.



Blind switches/push-buttons	112
New electronics platform	120
Rollotec system	121
Supplementary products	130



Blind switches/push-buttons

Switch / push-button for blinds



Blind series switch 1pole

i 852

Rated voltage 250 V~
Switching current 10 A

Follow the motor manufacturers' instructions.

- with mechanical and electrical interlocking to prevent mutual switch on
- with plug-in terminals



Design	Order no.	PU
Blind series switch 1pole	**3035 20**	10



Blind series switch 1pole

i 852

Rated voltage 250 V~
Momentary-contact current 10 A

Follow the motor manufacturers' instructions.

- with mechanical and electrical interlocking to prevent mutual activation
- with plug-in terminals



Design	Order no.	PU
Blind series switch 1pole	**5035 20**	10



Rocker 2gang with imprinted arrow symbol

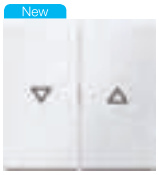
- also for KNX applications: push-button, 2gang
- for blind series switch/push-button

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1625 89 82**	10
polar white glossy		**1625 89 89**	10
polar white matt		**1625 19 09**	10
anthracite matt		**1625 16 06**	10
aluminium matt, lacquered		**1625 14 04**	10
Modul 2			
white glossy	#	**1625 12**	10
polar white glossy	#	**1625 19**	10

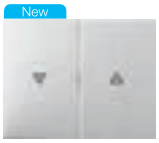


Berker Q.1/Q.3			
polar white velvety		**1625 60 89**	10
anthracite velvety, lacquered	*	**1625 60 86**	10

New



New



Berker K.1/K.5			
polar white glossy		**1435 71 09**	10
anthracite matt, lacquered		**1435 71 06**	10
Aluminium, aluminium anodised	*	**1435 71 03**	10
Stainless steel, metal matt finish		**1435 71 04**	10
Berker Arsys			
white glossy		**1435 01 02**	10
polar white glossy		**1435 01 69**	10
brown glossy		**1435 01 01**	10
Stainless steel, metal matt finish		**1434 01 04**	10
gold matt, aluminium anodised		**1434 01 02**	10

New



Design	Order no.	PU
Berker R.1/R.3		
polar white glossy	* **1625 20 89**	10
black glossy	* **1625 20 45**	10

Multi-pole push-buttons for blinds



Group series push-button, 4 NO contacts, common input terminal

i 852

- 0 position



- with neutral-position
- also suitable as series push-button for blinds
- with screw terminals

Rated voltage 250 V~
Momentary-contact current 10 A

Suitable for optional	Order no.	Page
Neon lamp unit for switches/push-buttons	1600 02	69

Follow the motor manufacturers' instructions.
Connection terminals according to IEC 60669-1



Design	Order no.	PU
Group series push-button, 4 NO contacts, common input terminal	**5034 04**	10



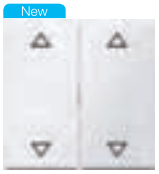
Rocker 2gang with imprinted arrows symbol

- also for KNX applications: group push-button, 2gang

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1644 89 82**	10
polar white glossy	**1644 89 89**	10
polar white matt	**1644 19 09**	10
anthracite matt	**1644 16 06**	10
aluminium matt, lacquered	**1644 14 04**	10
Modul 2		
white glossy	# **1644 02**	10
polar white glossy	# **1644 09**	10

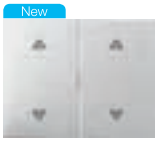


New



Berker Q.1/Q.3		
polar white velvety	**1644 60 89**	10
anthracite velvety, lacquered	* **1644 60 86**	10

New



Berker K.1/K.5		
polar white glossy	**1435 72 09**	10
anthracite matt, lacquered	**1435 72 06**	10
Aluminium, aluminium anodised	* **1435 71 03**	10
Stainless steel, metal matt finish	**1435 72 04**	10



Berker Arsys		
white glossy	**1435 03 02**	10
polar white glossy	**1435 03 69**	10
brown glossy	**1435 03 01**	10
light bronze matt, aluminium lacquered	**1434 03 01**	10
Stainless steel, metal matt finish	**1434 03 04**	10
gold matt, aluminium anodised	**1434 03 02**	10

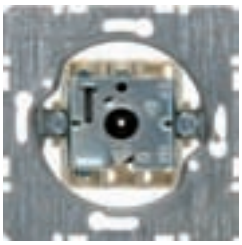
New



Berker R.1/R.3		
polar white glossy	* **1644 20 89**	10
black glossy	* **1644 20 45**	10

Rotary switch for blinds

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Rotary switch for blinds 1pole

i 852

Rated voltage 250 V~
Switching current 10 A

Follow the motor manufacturers' instructions.
Connection terminals according to IEC 60669-1

- with push lock function
- with neutral-position
- for centre plate with rotary knob
- with screw terminals

Suitable for	Order no.	Page
Centre plate with rotary knob for rotary switch for blinds	1077 ..	115
Centre plate with rotary knob for rotary switch for blinds	1080 ..	114
Centre plate with rotary knob for rotary switch for blinds	1529 ..	603
optional		
Interlock disk for rotary switch for blinds	1861 ..	115



Design	Order no.	PU
Rotary switch for blinds 1pole	**3841**	10



Rotary switch for blinds 2pole

i 852

Rated voltage 250 V~
Switching current 10 A

Follow the motor manufacturers' instructions.
Connection terminals according to IEC 60669-1

- with push lock function
- with neutral-position
- for centre plate with rotary knob
- with screw terminals

Suitable for	Order no.	Page
Centre plate with rotary knob for rotary switch for blinds	1077 ..	115
Centre plate with rotary knob for rotary switch for blinds	1080 ..	114
Centre plate with rotary knob for rotary switch for blinds	1529 ..	603
optional		
Interlock disk for rotary switch for blinds	1861 ..	115



Design	Order no.	PU
Rotary switch for blinds 2pole	**3842**	10



Centre plate with rotary knob for rotary switch for blinds

- with imprint

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1080 89 82**	1
polar white glossy		**1080 89 89**	1
polar white matt		**1080 19 09**	1
anthracite matt		**1080 16 06**	1
aluminium matt, lacquered		**1080 14 04**	1
Modul 2			
white glossy	#	**1080 02**	1
polar white glossy	#	**1080 09**	1



New



Berker Q.1/Q.3			
polar white velvety		**1080 60 89**	1
anthracite velvety, lacquered	*	**1080 60 86**	1

New

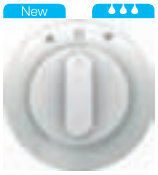


Berker K.1/K.5			
polar white glossy		**1077 71 09**	1
anthracite matt, lacquered		**1077 71 06**	1
Aluminium, aluminium anodised	*	**1077 71 03**	1
Stainless steel, metal matt finish		**1077 71 04**	1



Design		Order no.	PU
Berker Arsys			
white glossy		**1077 00 02**	1
polar white glossy		**1077 00 69**	1
brown glossy		**1077 00 01**	1
light bronze matt, aluminium lacquered		**1077 01 01**	1
Stainless steel, metal matt finish		**1077 01 04**	1
gold/polar white, matt/glossy, aluminium anodised		**1077 01 02**	1
Berker R.1/R.3			
polar white glossy	*	**1080 20 89**	1
black glossy	*	**1080 20 45**	1

New





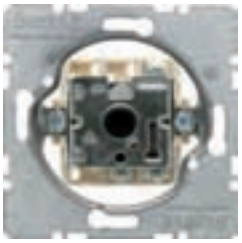
Interlock disk for rotary switch for blinds

– for conversion to rotary push-button for blinds

Design		Order no.	PU
Berker S.1/B.3/B.7, Modul 2, Q.1/Q.3, K.1/K.5, Arsys			
Interlock disk for rotary switch for blinds		**1861**	10
Berker R.1/R.3/Serie R.classic			
Interlock disk for rotary switch for blinds	*	**1861 01**	10

Key switches/key push-buttons for blinds

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Switch for blinds 1pole for centre plate with lock i 852

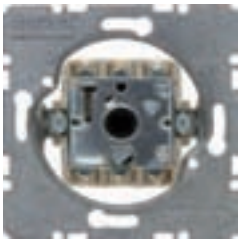
Rated voltage 250 V~
Switching current 10 A

Follow the motor manufacturers' instructions.

– with push lock function
– with neutral-position
– the centre plate used determines the function of switch or push-button
– with screw terminals



Design	Order no.	PU
Switch for blinds 1pole for centre plate with lock	**3851**	10



Switch for blinds 2pole for centre plate with lock i 852

Rated voltage 250 V~
Switching current 10 A

Follow the motor manufacturers' instructions.

– with push lock function
– with neutral-position
– the centre plate used determines the function of switch or push-button
– with screw terminals



Design	Order no.	PU
Switch for blinds 2pole for centre plate with lock	**3852**	10



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 0 position

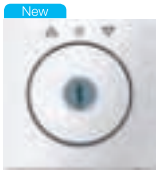


- with imprint
- with 2 keys

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1081 89 82**	1
polar white glossy		**1081 89 89**	1
polar white matt		**1081 19 09**	1
anthracite matt		**1081 16 06**	1
aluminium matt, lacquered		**1081 14 04**	1
Modul 2			
white glossy	#	**1081 02**	1
polar white glossy	#	**1081 09**	1

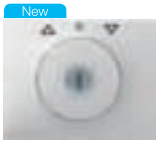


New



Berker Q.1/Q.3			
polar white velvety		**1081 60 89**	1
anthracite velvety, lacquered	*	**1081 60 86**	1

New





Berker K.1/K.5			
polar white glossy		**1079 71 09**	1
anthracite matt, lacquered		**1079 71 06**	1
Aluminium, aluminium anodised	*	**1079 71 03**	1
Stainless steel, metal matt finish		**1079 71 04**	1
Berker Arsys			
white glossy		**1079 00 02**	1
polar white glossy		**1079 00 69**	1
brown glossy		**1079 00 01**	1
light bronze matt, aluminium lacquered		**1079 03 01**	1
Stainless steel, metal matt finish		**1079 03 04**	1
gold/polar white, matt/glossy, aluminium anodised		**1079 03 02**	1



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 3 positions



- with imprint
- with 2 keys

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1082 89 82**	1
polar white glossy		**1082 89 89**	1
polar white matt		**1082 19 09**	1
Modul 2			
white glossy	#	**1082 02**	1
polar white glossy	#	**1082 09**	1



New



Berker Q.1/Q.3			
polar white velvety		**1082 60 89**	1
anthracite velvety, lacquered	*	**1082 60 86**	1

New





Design		Order no.	PU
Berker K.1/K.5			
polar white glossy		**1079 72 09**	1
anthracite matt, lacquered		**1079 72 06**	1
Aluminium, aluminium anodised	*	**1079 72 03**	1
Stainless steel, metal matt finish		**1079 72 04**	1
Berker Arsys			
white glossy		**1079 01 02**	1
polar white glossy		**1079 01 69**	1
brown glossy		**1079 01 01**	1
light bronze matt, aluminium lacquered		**1079 04 01**	1
Stainless steel, metal matt finish		**1079 04 04**	1
gold/polar white, matt/glossy, aluminium anodised		**1079 04 02**	1



Centre plate with lock and touch function for switch for blinds

- Key can be removed in 0 position

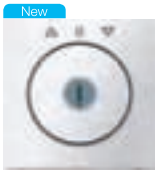


- with imprint
- with 2 keys

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1083 89 82**	1
polar white glossy		**1083 89 89**	1
polar white matt		**1083 19 09**	1
Modul 2			
white glossy	#	**1083 02**	1
polar white glossy	#	**1083 09**	1

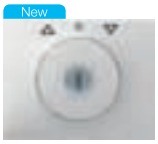


New



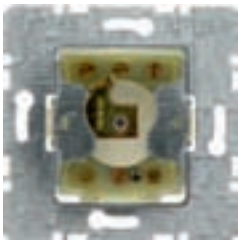
Design		Order no.	PU
Berker Q.1/Q.3			
polar white velvety		**1083 60 89**	1
anthracite velvety, lacquered	*	**1083 60 86**	1

New



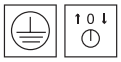


Design		Order no.	PU
Berker K.1/K.5			
polar white glossy		**1079 73 09**	1
anthracite matt, lacquered		**1079 73 06**	1
Aluminium, aluminium anodised	*	**1079 73 03**	1
Stainless steel, metal matt finish		**1079 73 04**	1
Berker Arsys			
white glossy		**1079 02 02**	1
polar white glossy		**1079 02 69**	1
brown glossy		**1079 02 01**	1
light bronze matt, aluminium lacquered		**1079 05 01**	1
Stainless steel, metal matt finish		**1079 05 04**	1
gold/polar white, matt/glossy, aluminium anodised		**1079 05 02**	1



Switch for blinds 1pole for lock cylinder

- Earthing contact
- 0 position



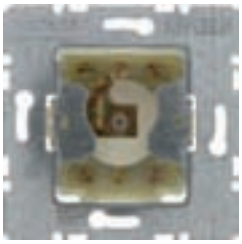
- with push lock function
- 1pole
- with neutral-position
- without spreader claws
- for master-key systems
- with screw terminals

Rated voltage	250 V~
Switching current	10 A

IP44



Design	Order no.	PU
Flush-mounted splash-protected IP44		
Switch for blinds 1pole for lock cylinder	**3821 20**	10



Switch for blinds 2pole for lock cylinder

i 852

Rated voltage 250 V~
Switching current 10 A

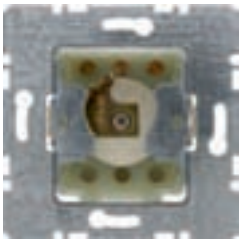
Not suitable for water-protected, flush-mounted installation IP44.

Follow the motor manufacturers' instructions.

- with push lock function
- with neutral-position
- without spreader claws
- for master-key systems
- with screw terminals



Design	Order no.	PU
Switch for blinds 2pole for lock cylinder	**3822 10**	10



Push-button for blinds 1pole for lock cylinder

i 852

Rated voltage 250 V~
Momentary-contact current 10 A

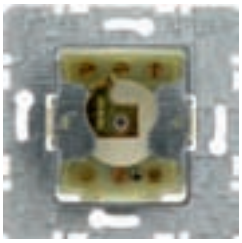
Not suitable for water-protected, flush-mounted installation IP44.

Follow the motor manufacturers' instructions.

- without spreader claws
- for master-key systems
- with screw terminals



Design	Order no.	PU
Push-button for blinds 1pole for lock cylinder	**3831 10**	10



Push-button for blinds 1pole for lock cylinder

- Earthing contact



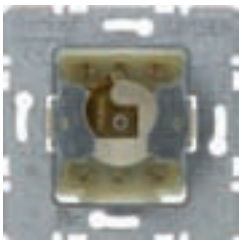
Rated voltage 250 V~
Momentary-contact current 10 A

- 1pole
- without spreader claws
- for master-key systems
- with screw terminals

IP44



Design	Order no.	PU
Flush-mounted splash-protected IP44		
Push-button for blinds 1pole for lock cylinder	**3831 20**	10



Push-button for blinds 2pole for lock cylinder

i 852

Rated voltage 250 V~
Momentary-contact current 10 A

Not suitable for water-protected, flush-mounted installation IP44.

Follow the motor manufacturers' instructions.

- without spreader claws
- for master-key systems
- with screw terminals



Design	Order no.	PU
Push-button for blinds 2pole for lock cylinder	**3832 10**	10

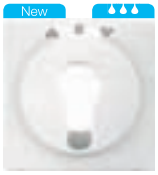


Centre plate for key push-button for blinds/key switch

- with imprint
- for lock cylinder
- for master-key systems

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1506 89 82**	10
polar white glossy		**1506 89 89**	10
polar white matt		**1506 19 09**	10
anthracite matt		**1506 16 06**	10
aluminium matt, lacquered		**1506 14 04**	10
Modul 2			
white glossy	#	**1506 12**	10
polar white glossy	#	**1506 19**	10
Berker Q.1/Q.3			
polar white velvety		**1506 60 89**	10
anthracite velvety, lacquered	*	**1506 60 86**	10
Berker K.1/K.5			
polar white glossy		**1504 71 09**	10
anthracite matt, lacquered		**1504 71 06**	10
aluminium matt, lacquered	*	**1504 71 03**	10
stainless steel matt, lacquered		**1504 71 04**	10
Berker Arsys			
white glossy		**1504 00 12**	10
polar white glossy		**1504 00 79**	10
brown glossy		**1504 00 11**	10
light bronze matt, lacquered		**1504 90 21**	10
stainless steel matt, lacquered		**1504 90 14**	10











Lock cylinder

In key switches, the key can be pulled out in the ON position in the appropriate bolt position.
With 5 tumblers to according to DIN 18252

i 852

- for switches/push-buttons for lock cylinders
- for change-over switches/push-buttons for lock cylinders

Suitable for	Order no.	Page
Centre plate for key push-button for blinds/key switch	1504 ..	119
Centre plate for key push-button for blinds/key switch	1506 ..	119
Centre plate for key push-button for blinds/key switch	1518 1 ..	604
Switch for blinds 1pole for lock cylinder	3821 20	117
Switch for blinds 2pole for lock cylinder	3822 10	118
Push-button for blinds 1pole for lock cylinder	3831 10	118
Push-button for blinds 1pole for lock cylinder	3831 20	118
Push-button for blinds 2pole for lock cylinder	3832 10	118

Design	Order no.	PU
with differing closures		
Lock cylinder	**1818**	1
with same closures		
Lock cylinder	**1818 01**	1

New electronics platform

Blind inserts

New



Blind insert comfort

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current (ohmic\ inductive)	max. 5 A
Switching current at cos φ = 0.6	max. 3 A
Power consumption (standby)	< 0.1 W
Change-over time for change of direction	< 0.6 s
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

- low intrinsic energy requirement
- with 2 mechanically and electrically mutually-locked relay contacts
- with 230 V extension unit inputs for up and down
- for single, group and master controls
- no conductive connection between supporting ring and spreading claws
- circuiting of extension units push-buttons for blinds, blind inserts, key push-buttons for blinds
- with screw terminals

Suitable for	Order no.	Page
Blind button	8524 11 ..	120
Blind time switch	8574 11 ..	121

Design	Order no.	PU
Blind insert comfort	* **8522 11 00**	1

Blind buttons

New



Blind button

Running time	max. 2 min
Venetian blind movement time	2 min
Delay time, adjustable	0 s ... 500 s
Minimum slat adjustment time	≈ 150 ms
Change-over time for change of direction	< 0.6 s
Operating temperature	-5 ... +45 °C

- low intrinsic energy requirement
- memory function for automatic execution of learned up and down times with position
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- LED application module/insert compatibility display
- with indicator LED for lock-out protection
- with status LED for memory and party function, red/ orange
- with imprinted symbol arrows

Suitable for	Order no.	Page
Blind insert comfort	8522 11 00	120

Design	Order no.	PU
Berker R.1/R.3		
polar white glossy [1]	* **8524 11 39**	1
black glossy [1]	* **8524 11 31**	1

[1] no dismantling protection possible

Time switches for blinds

New



Blind time switch

- Display

14:23

Running time	2 min
Astronomic time shift	± 2 h
Random number generator	± 15 min
Power reserve	≈ 24 h
Number of operation times for up/down	20
Minimum slat adjustment time	≈ 150 ms
Change-over time for change of direction	< 0.6 s
Operating temperature	-5 ... +45 °C

Control using device buttons and programmed switching times.

- 2 independent preset programme memories, individually adaptable
- low intrinsic energy requirement
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation
- with keylock
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- with automatic summer-/winter time switching (can be switched off)
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- menu guidance available in German, English or French

Suitable for	Order no.	Page
Blind insert comfort	8522 11 00	120

Design	Order no.	PU
Berker R.1/R.3		
polar white glossy [1]	* **8574 11 39**	1
black glossy [1]	* **8574 11 31**	1

[1] no dismantling protection possible

Rollotec system

RolloTec inserts

- Light scene function (up/down) in conjunction with RolloTec radio button.



RolloTec insert comfort

i 886

- Extension inputs

1

Operating voltage	230 V~
Frequency	50/60 Hz
Switching capacity for max. 1 motor	1000 W
Operating temperature	+5 ... +35 °C
Conductor cross-section (rigid)	max. 2,5 / 2 x 1.5 mm²

Recommendation: use deep box.
Neutral conductor necessary!

- with 2 mechanically interlocked NO contacts
- with 230 V extension unit inputs for up, down and sensors
- for single, group and master controls
- suitable for multi-phase mode
- with screw terminals

Design	Order no.	PU
RolloTec insert comfort	**2975**	1



RolloTec insert comfort for direct current drives

i 886

Operating voltage	24 V=
Switching current at 24 V=	max. 3 A
Current consumption (operation)	≈ 100 mA
Current consumption (idle)	≈ 30 mA
Operating temperature	+5 ... +35 °C
Conductor cross-section (rigid)	max. 2,5 / 2 x 1.5 mm²

- with 2 reverse polarity change-over relays
- for 24 V reverse polarity motors with limit switches
- with 24 V reverse polarity extension unit inputs for up and down
- for single, group and master controls
- with screw terminals

Recommendation: use deep box.

Follow the motor manufacturers' instructions.
External power supply 24 V= with protective separation required.

Recommendation of power supply units:
Elka, type: SV230-24.1250 DC, item no. 140 01 915 or
Elka, type: SV230-24.2500 DC, item no. 140 01 916
Phoenix, type: STEP-PS-100-240AC/24DC/1.5 item no.: 2938947

Design	Order no.	PU
RolloTec insert comfort for direct current drives	**2975 01**	1



RolloTec insert

i 886

Operating voltage	230 V~
Frequency	50/60 Hz
Switching capacity for max. 1 motor	1000 W
Operating temperature	+5 ... +35 °C
Conductor cross-section (rigid)	max. 2,5 / 2 x 1.5 mm²

- with 2 mechanically interlocked NO contacts
- without 230 V extension unit inputs
- for single and master controls
- with screw terminals

Recommendation: use deep box.
Neutral conductor necessary!

Not suitable for wind and precipitation sensor.

Design	Order no.	PU
RolloTec insert	**2925**	1

RolloTec buttons



RolloTec button comfort for sensors

i 886

Sun brightness value	≈ 5 ... 80 klx
Teachable running time	0.5 s ... 2 min

- when using a surface-mounted brightness sensor, the learned running time for sun protection movement is used
- no twilight sensor function
- activation of the anti-lockout device in the upper final position by touching in the up direction for at least 3 s
- brightnesses individually adjustable
- with lock-out protection, e.g. for blind control terrace door
- for sensor connection to socket contact or terminal block
- with indicator LED for lock-out protection

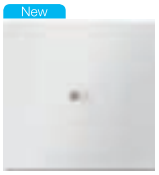
Suitable for	**Order no.**	**Page**
RolloTec inserts		page 121
optional		
RolloTec glass breakage sensor	170	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor	169	128
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor surface-mounted	184	128

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1771 89 82**	1
polar white glossy	**1771 89 89**	1
polar white matt	**1771 19 09**	1
anthracite matt	**1771 16 06**	1
aluminium matt, lacquered	**1771 14 04**	1



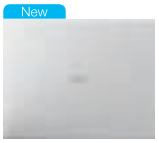
Modul 2			
white glossy	#	1771 12	1
polar white glossy	#	1771 49	1

New



Berker Q.1/Q.3			
polar white velvety		1771 60 89	1
anthracite velvety, lacquered	*	1771 60 86	1

New



Berker K.1/K.5			
polar white glossy		1771 70 09	1
anthracite matt, lacquered		1771 70 06	1
Aluminium, aluminium anodised	*	1771 70 03	1
Stainless steel, metal matt finish		1771 70 04	1



Berker Arsys			
white glossy		1771 00 12	1
polar white glossy		1771 00 79	1
brown glossy		1771 00 11	1
light bronze matt, aluminium lacquered		1771 90 21	1
Stainless steel, metal matt finish		1771 90 14	1
gold matt, aluminium anodised		1771 90 12	1



RolloTec button comfort i 886

Teachable running time 0.5 s ... 2 min

- activation of the anti-lockout device in the upper final position by touching in the up direction for at least 3 s
- with lock-out protection, e.g. for blind control terrace door
- with indicator LED for lock-out protection

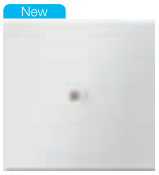
Suitable for	Order no.	Page
RolloTec inserts		page 121





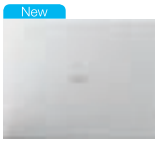
Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	1770 89 82	1
polar white glossy	1770 89 89	1
polar white matt	1770 19 09	1
anthracite matt	1770 16 06	1
aluminium matt, lacquered	1770 14 04	1
Modul 2		
white glossy	# 1770 12	1
polar white glossy	# 1770 49	1

New



Berker Q.1/Q.3			
polar white velvety		1770 60 89	1
anthracite velvety, lacquered	*	1770 60 86	1

New



Berker K.1/K.5			
polar white glossy		1770 70 09	1
anthracite matt, lacquered		1770 70 06	1
Aluminium, aluminium anodised	*	1770 70 03	1
Stainless steel, metal matt finish		1770 70 04	1



Berker Arsys			
white glossy		1770 00 12	1
polar white glossy		1770 00 79	1
brown glossy		1770 00 11	1
light bronze matt, aluminium lacquered		1770 90 21	1
Stainless steel, metal matt finish		1770 90 14	1
gold matt, aluminium anodised		1770 90 12	1



RolloTec memory button for sensors

886

Storage of the raising/lowering movement time on button-press > 3.5 s

Sun brightness value ≈ 20 klx

- no twilight sensor function
- for sensor connection to socket contact or terminal block

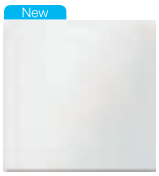
Stored “up” and/or “down” time is run daily in automatic operation.

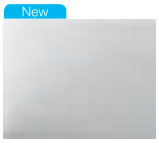
For manual and time-programmed running of awnings, shutters and blinds.

Suitable for	Order no.	Page
RolloTec inserts		page 121
optional		
RolloTec glass breakage sensor	170	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor surface-mounted	184	128
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor	169	128











Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1757 89 82**	1
polar white glossy		**1757 89 89**	1
polar white matt		**1757 19 09**	1
anthracite matt		**1757 16 06**	1
aluminium matt, lacquered		**1757 14 04**	1
Modul 2			
white glossy	#	**1757 12**	1
polar white glossy	#	**1757 49**	1
Berker Q.1/Q.3			
polar white velvety		**1757 60 89**	1
anthracite velvety, lacquered	*	**1757 60 86**	1
Berker K.1/K.5			
polar white glossy		**1757 70 09**	1
anthracite matt, lacquered		**1757 70 06**	1
Aluminium, aluminium anodised	*	**1757 70 03**	1
Stainless steel, metal matt finish		**1757 70 04**	1
Berker Arsys			
white glossy		**1757 00 12**	1
polar white glossy		**1757 00 79**	1
brown glossy		**1757 00 11**	1
light bronze matt, aluminium lacquered		**1757 90 21**	1
Stainless steel, metal matt finish		**1757 90 14**	1
gold matt, aluminium anodised		**1757 90 12**	1



RolloTec memory button

886

Storage of the raising/lowering movement time on button-press > 3.5 s

Stored “up” and/or “down” time is run daily in automatic operation.

For manual and time-programmed running of awnings, shutters and blinds.

Suitable for	Order no.	Page
RolloTec inserts		page 121

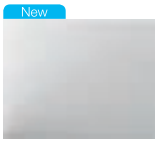




Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1756 89 82**	1
polar white glossy		**1756 89 89**	1
polar white matt		**1756 19 09**	1
anthracite matt		**1756 16 06**	1
aluminium matt, lacquered		**1756 14 04**	1
Modul 2			
white glossy	#	**1756 12**	1
polar white glossy	#	**1756 49**	1



Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**1756 60 89**	1
anthracite velvety, lacquered	* **1756 60 86**	1



Berker K.1/K.5		
polar white glossy	**1756 70 09**	1
anthracite matt, lacquered	**1756 70 06**	1
Aluminium, aluminium anodised	* **1756 70 03**	1
Stainless steel, metal matt finish	**1756 70 04**	1



Berker Arsys		
white glossy	**1756 00 12**	1
polar white glossy	**1756 00 79**	1
brown glossy	**1756 00 11**	1
light bronze matt, aluminium lacquered	**1756 90 21**	1
Stainless steel, metal matt finish	**1756 90 14**	1
gold matt, aluminium anodised	**1756 90 12**	1

RolloTec time switches

- For manual and timer programmed running of awnings, shutters and blinds.
- With slide switch for manual/automatic



RolloTec comfort time switch for sensors

i 890

- Display



Random number generator	± 15 min
Number of operation times for up/down	18
Astronomic time shift	± 2 h
Teachable running time	1 s ... 6 min
Learnable down time	1 s ... 6 min
Lamella adjusting time	0 ... 5 s
Twilight setting range	≈ 6 ... 300 lx
Sun setting range	≈ 1 ... 76 klx
Power reserve (maintenance-free)	≈ 3 h
Operating temperature	+0 ... +45 °C

- after charging, the timer can also be programmed when removed.
- coincidence and astro function can be combined
- brightness values sun and twilight individually settable
- indication of the next operation schedule under consideration of astro and coincidence function
- large-area display with symbols
- for the sensor connection on the clamping block in the insert
- with surface-mounted RolloTec brightness sensor, shutter and lamella position additionally settable
- when a surface-mounted RolloTec brightness sensor is connected, twilight-controlled lowering possible
- RolloTec brightness sensor for sun blind movement up/down can be connected
- lock out protection because evaluation of the centre or extension unit commands can be switched off
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved
- with German display text

Suitable for	Order no.	Page
RolloTec inserts		page 121
optional		
RolloTec brightness sensor	169	128
RolloTec glass breakage sensor	170	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor surface-mounted	184	128
Magnetic contact	9251 0 ..	130

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1775 89 82**	1
polar white glossy	**1775 89 89**	1
polar white matt	**1775 19 09**	1
anthracite matt	**1775 16 06**	1
aluminium matt, lacquered	**1775 14 04**	1





Modul 2

white glossy	#	**1775 02**	1
polar white glossy	#	**1775 09**	1

New



Berker Q.1/Q.3

polar white velvety		**1775 60 89**	1
anthracite velvety, lacquered	*	**1775 60 86**	1

New



Berker K.1/K.5

polar white glossy		**1775 70 09**	1
anthracite matt, lacquered		**1775 70 06**	1
aluminium matt, lacquered	*	**1775 70 03**	1
stainless steel matt, lacquered		**1775 70 04**	1



Berker Arsys

white glossy		**1775 00 02**	1
polar white glossy		**1775 00 69**	1
brown glossy		**1775 00 01**	1
light bronze matt, lacquered		**1775 90 11**	1
stainless steel matt, lacquered		**1775 90 04**	1



RolloTec comfort time switch

i 890

- Display



Random number generator	± 15 min
Number of operation times for up/down	18
Astronomic time shift	± 2 h
Teachable running time	2 min ... 6 min
Learnable down time	1 s ... 6 min
Lamella adjusting time	0 ... 5 s
Power reserve (maintenance-free)	≈ 4 h
Operating temperature	+0 ... +45 °C

- after charging, the timer can also be programmed when removed.
- coincidence and astro function can be combined
- indication of the next operation schedule under consideration of astro and coincidence function
- large-area display with symbols
- lock out protection because evaluation of the centre or extension unit commands can be switched off
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved
- with German display text

Suitable for
RolloTec inserts

Order no.

Page
page 121



Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1774 89 82**	1
polar white glossy		**1774 89 89**	1
polar white matt		**1774 19 09**	1
anthracite matt		**1774 16 06**	1
aluminium matt, lacquered		**1774 14 04**	1



Modul 2

white glossy	#	**1774 02**	1
polar white glossy	#	**1774 09**	1

New



Berker Q.1/Q.3

polar white velvety		**1774 60 89**	1
anthracite velvety, lacquered	*	**1774 60 86**	1

New





Design		Order no.	PU
Berker K.1/K.5			
polar white glossy		**1774 70 09**	1
anthracite matt, lacquered		**1774 70 06**	1
aluminium matt, lacquered	*	**1774 70 03**	1
stainless steel matt, lacquered		**1774 70 04**	1
Berker Arsys			
white glossy		**1774 00 02**	1
polar white glossy		**1774 00 69**	1
brown glossy		**1774 00 01**	1
light bronze matt, lacquered		**1774 90 11**	1
stainless steel matt, lacquered		**1774 90 04**	1



RolloTec easy time switch

i **886**

- Display



Number of operation times for up/down 2
Power reserve (maintenance-free) ≈ 6 h

No extension units and sensor signals or central commands will be processed.

- after charging, the timer can also be programmed when removed.
- with imprint
- large-area display
- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of operation times
- with quick programming mode
- programming possible for up to 6 h after removing insert
- with preset basic programme

Suitable for RolloTec inserts — **Order no.** — **Page** page 121

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1762 89 82**	1
polar white glossy		**1762 89 89**	1
polar white matt		**1762 19 09**	1
anthracite matt		**1762 16 06**	1
aluminium matt, lacquered		**1762 14 04**	1
Modul 2			
white glossy	#	**1762 02**	1
polar white glossy	#	**1762 09**	1





New



Berker Q.1/Q.3			
polar white velvety		**1762 60 89**	1
anthracite velvety, lacquered	*	**1762 60 86**	1

New



Berker K.1/K.5			
polar white glossy		**1762 71 09**	1
anthracite matt, lacquered		**1762 71 06**	1
aluminium matt, lacquered	*	**1762 71 03**	1
stainless steel matt, lacquered		**1762 71 04**	1
Berker Arsys			
white glossy		**1762 00 02**	1
polar white glossy		**1762 00 69**	1
brown glossy		**1762 00 01**	1
light bronze matt, lacquered		**1762 90 11**	1
stainless steel matt, lacquered		**1762 90 04**	1



RolloTec sensors



RolloTec brightness sensor

i 888

Rated current (in daylight)	≈ 2 mA
Rated current (in darkness)	≈ 0.5 mA
Internal resistance	≈ 12 kΩ
Operating temperature	-30 ... +70 °C
Line length	2 m
Cable length extendable to	max. 20 m
Dimensions, sensor (Ø x H)	45 x 25 mm

- pre-assembled, with cable and plug
- for suction cover to window pane
- with photodiode

Suitable for	Order no.	Page
Timer comfort for sensors	1738 ..	39
RolloTec comfort time switch for sensors	1775 ..	126
RolloTec button comfort for sensors	1771 ..	123
RolloTec memory button for sensors	1757 ..	124

IP54

Before mounting, clean window pane with spirit and sensor with washing up liquid, then dip sensor in clear water and stick onto window pane.
Only suitable for covers with sensor connection.

Design	Order no.	PU
polar white	**169**	1



RolloTec brightness sensor surface-mounted

i 888

Rated current (in daylight)	≈ 2 mA
Rated current (in darkness)	≈ 0.5 mA
Internal resistance	≈ 12 kΩ
Operating temperature	-30 ... +70 °C
Line length	max. 20 m
Dimensions, sensor (W x H x D)	27 x 84.5 x 30 mm

- with mounting bracket
- with photodiode
- with screw terminals

Suitable for	Order no.	Page
Timer comfort for sensors	1738 ..	39
RolloTec memory button for sensors	1757 ..	124
RolloTec comfort time switch for sensors	1775 ..	126
RolloTec button comfort for sensors	1771 ..	123

Only suitable for covers with sensor connection.

IP54

Design	Order no.	PU
polar white	**184**	1



RolloTec glass breakage sensor

i 888

Operating temperature	-30 ... +70 °C
Line length	2 m
Cable length extendable to	max. 20 m
Dimensions sensor (L x W x H)	37 x 19 x 12 mm

- pre-assembled, with cable and plug

Suitable for	Order no.	Page
RolloTec memory button for sensors	1757 ..	124
RolloTec button comfort for sensors	1771 ..	123
RolloTec comfort time switch for sensors	1775 ..	126

In case of glass breakage the roller shutter is moved down and the extension unit inputs are locked.

IP67

Design	Order no.	PU
polar white	**170**	1



μ IP65

RolloTec precipitation sensor

i 889

Operating voltage	230 V~
Frequency	50/60 Hz
Switch-on current at 250 V (ohmic)	max. 15 A
Switching current at 30 V= (ohmic)	max. 3 A
Switching current at 250 V~ (ohmic)	max. 6 A
Power consumption incl. additional heating	max. 4.5 W
Operating temperature	-30 ... +70 °C
Pre-assembled cables	≈ 2.9 m
Dimensions, mounting bracket (W x H x D)	130 x 90 x 90 mm
Dimensions sensor (L x W x H)	82 x 60 x 57.5 mm
Mast Ø	max. 62 mm

- heated
- pre-assembled, with cables
- with stainless steel mounting bracket approx. 70°
- with pipe clamp for mast fixing
- with potential-free change-over contact

Suitable for	Order no.	Page
RolloTec insert comfort	2975	121

Neutral conductor necessary!

When it begins to rain, snow etc. the contact is closed. To protect against mildew on awnings, roller shutters etc.

Design	Order no.	PU
grey	**183 01**	1



RolloTec adapter for sensors

i 889

Line length 5 m

Only suitable for covers with sensor connection.

- pre-assembled, with cable, plug and 2 sockets
- for the connection of RolloTec brightness and glass-break sensor to an cover
- for brightness sensor and glass breakage sensor

Suitable for	Order no.	Page
Timer comfort for sensors	1738 ..	39
RolloTec comfort time switch for sensors	1775 ..	126
RolloTec memory button for sensors	1757 ..	124
RolloTec button comfort for sensors	1771 ..	123

Design	Order no.	PU
polar white	**171**	1



RolloTec wind sensor

i 889

Measuring range, wind strengths	3 ... 10 Bft
Measuring range, wind speed	0.5 ... 40 m/s
Pre-assembled cable	≈ 3 m

- reed contact (frequency measurement)
- confectioned with wire LIYY 2 x 0.5 mm² and conductor sleeves
- with fitting material

Suitable for	Order no.	Page
RolloTec interface surface-mounted for wind sensor	173	129
Mast adapter for surface-mounted sensors	7590 00 46	809

Design	Order no.	PU
white	**172 01**	1



IP55

RolloTec interface surface-mounted for wind sensor

i 889

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	2 A
Wind strengths, settable	3 ... 10 Bft
Dimensions (W x H x D)	110 x 94 x 38 mm

- 2 NO contacts, common input terminal
- with test mode
- with potential-free contact
- with fitting material
- with screw terminals

Suitable for	Order no.	Page
RolloTec wind sensor	172 01	129
RolloTec insert comfort	2975	121

Also suitable for company Thies heated wind speed sensor art. no. 4.3515.50.000.

Neutral conductor necessary!

When the wind speed is reached, the contact is closed. To protect against excessive wind, e. g. for shutters, sun blinds, etc.

Design	Order no.	PU
polar white	**173**	1

Supplementary products



Magnetic contact

i 889

Switching voltage	max. 40 V=
Switching current	500 mA
Breaking capacity	max. 10 W
Line length	3 m
Dimensions sensor (L x W x H)	44 x 15 x 15 mm

- in the isolated state the contact is open
- pre-assembled, with cable
- built-on/built-in

RolloTec function:
When window is open, blind moves to the lower end position for example.

Suitable for RolloTec covers with sensor connection.

To monitor window and door opening.

Suitable for	Order no.	Page
RolloTec radio button for sensors	1759 ..	689
KNX alarm central unit	7573 00 10	837
Alarm central unit	9020	840
RolloTec memory button for sensors	1757 ..	124
RolloTec button comfort for sensors	1771 ..	123
RolloTec comfort time switch for sensors	1775 ..	126

IP67

Design	Order no.	PU
polar white glossy	**9251 02**	1
brown glossy	**9251 01**	1

Cutoff relay



RolloTec cutoff relay surface-mounted/flush-mounted

i 885

- Extension outputs



Operating voltage	230 V~
Frequency	50 Hz
Switching current at cos φ = 0.6	max. 4 A
Current consumption (operation)	≈ 10 mA
Activation change-over time up/down	min. 0.5 s
Switch-on time (ED)	100 %
Ambient temperature	+0 ... +60 °C
Conductor cross-section (rigid)	max. 2.5 mm²
Dimensions (W x H x D)	53 x 50 x 25 mm

- to operate 2 shutter/blind control motors
- with master input e.g. for RolloTec timer
- required for electric motor decoupling
- with separate mains power supply
- with 2 extension unit outgoing feeders for single operation
- with screw terminals

Neutral conductor necessary!

Design	Order no.	PU
grey	**2969**	1



RolloTec cutoff relay surface-mounted/flush-mounted

i 885

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current at cos φ = 0.6	max. 3 A
Switching current at cos φ = 1	max. 8 A
Current consumption (operation)	≈ 10 mA
Activation change-over time up/down	min. 0.5 s
Switch-on time (ED)	100 %
Ambient temperature	+0 ... +60 °C
Dimensions (W x H x D)	50 x 52 x 22 mm

- to operate 2 shutter/blind control motors
- installation in flush-mounted or splash-protected junction box
- with master input e.g. for RolloTec timer
- with separate mains power supply
- with screw terminals

Neutral conductor necessary!

Design	Order no.	PU
RolloTec cutoff relay surface-mounted/flush-mounted	**2930**	1



RolloTec cutoff relay RMD

- Extension outputs

885

- to operate 2 shutter/blind control motors
- with master input e.g. for RolloTec timer
- required for electric motor decoupling
- with separate mains power supply
- with 2 extension unit outgoing feeders for single operation
- with screw terminals

Operating voltage	230 V~
Frequency	50 Hz
Switching current at cos φ = 0.6	max. 4 A
Current consumption (operation)	≈ 10 mA
Activation change-over time up/down	min. 0.5 s
Switch-on time (ED)	100 %
Conductor cross-section (rigid)	max. 2.5 mm²
Assembling height as from DIN rail	39 mm
Width of rail mounted device (RMD)	2.5 TE
Dimensions (W x H x D)	45 x 71 x 42 mm

Neutral conductor necessary!

Design	Order no.	PU
RolloTec cutoff relay RMD	**2919**	1



RolloTec cutoff relay RMD

885

- to operate 2 shutter/blind control motors
- with master input e.g. for RolloTec timer
- with separate mains power supply
- with screw terminals

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current at cos φ = 0.6	max. 3 A
Switching current at cos φ = 1	max. 8 A
Current consumption (operation)	≈ 10 mA
Activation change-over time up/down	min. 0.5 s
Switch-on time (ED)	100 %
Assembling height as from DIN rail	38 mm
Width of rail mounted device (RMD)	2.5 TE
Dimensions (W x H x D)	45 x 71 x 42 mm

Neutral conductor necessary!

Design	Order no.	PU
RolloTec cutoff relay RMD	**2931**	1

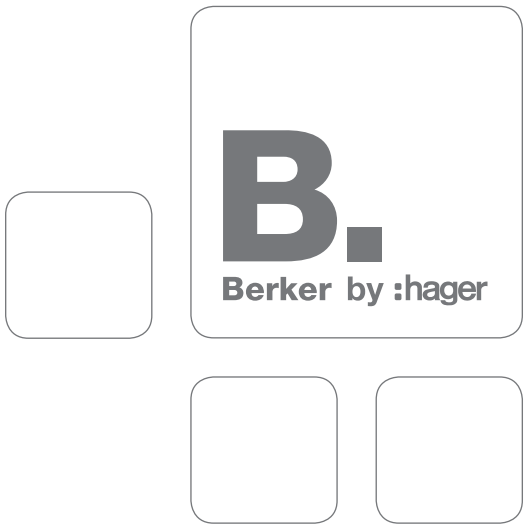
HVAC control

People need warmth – but when? Where exactly? And how much? Our room thermostats give each of your rooms the right temperature and turn it down automatically when the room is unused.

- These days, heating, cooling and air-conditioning are inseparable from the concept of saving energy. This means that it is even more important to be able to control room temperatures individually.
- Reduction of the room temperature by 1 °C produces energy savings of approx 6 %. That's a good reason to control the temperature of less-used rooms like bathrooms or bedrooms according to need.
- Our conventional thermostats allow you to control all the standard heating types (hot water, electrical etc.).
- In addition, the electronic devices work controlled by time, meaning that rooms can be run using specific temperature profiles – as individually as is required.
- Valve drives for heating valve bases mean that radiators and underfloor heating can be included in the control system quickly and perfectly.



Thermostats	134
Sensors	141
Valve drives	142
Heating emergency switches	143
3-Step switches	146
Speed controllers	147
BLC – Berker Light Control	149
Supplementary products	150



Thermostat

Thermostat inserts



Thermostat, NO contact, with centre plate

i 884

- Time-controlled

Rated voltage	230 V~
Frequency	50 Hz
Switching current	10 mA ... 10 (4) A
Switching current at cos φ = 0.6	max. 4 A
Power consumption	≈ 1.2 W
Lithium cell power reserve [years]	≈ 10
Insertion depth	25 mm
Floor temperature setting range	10 ... 40 °C
Room temperature setting range	5 ... 30 °C
Switching temperature difference	≈ 0.5 K

Neutral conductor necessary!

- with imprint
- operating hours counter or energy consumption display adjustable
- with access protection
- with valve protection function
- with frost protection function
- timer for changing the temperature by the hour
- operating languages are adjustable: German, English, Dutch or French
- temperature control range adjustable
- type of actuator (currentless closed/open) adjustable
- for floor heating, control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve
- large, backlight display with text display
- with integrated temperature sensor
- with switchover manual/automatic mode
- PWM cycle time and hysteresis (for two-point control) settable
- control process PWM or 2-point (on/off) can be selected
- 3 blocks of days: Mon-Fri, Sat-Sun, Mon-Sun
- 3 preset time programmes, individually adjustable
- max. 9 switching times per weekday
- programmable with operating unit removed
- with automatic summer-/winter time switching (can be switched off)
- holiday programme with date activation
- without spreader claws
- with additional connection for external floor temperature sensor/remote sensor
- with screw terminals

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142
optional		
Temperature sensor	161	150

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**2044 89 82**	1
polar white glossy		**2044 89 89**	1
polar white matt		**2044 19 09**	1
anthracite matt		**2044 16 06**	1
aluminium matt, lacquered		**2044 14 04**	1
Modul 2			
white glossy	#	**2044 02**	1
polar white glossy	#	**2044 09**	1
Berker Q.1/Q.3			
polar white velvety		**2044 60 89**	1
anthracite velvety, lacquered	*	**2044 60 86**	1
Berker K.1/K.5			
polar white glossy		**2044 71 09**	1
anthracite matt		**2044 71 06**	1
aluminium matt, lacquered	*	**2044 71 03**	1
stainless steel, lacquered		**2044 71 04**	1





New



New





Design	Order no.	PU
Berker Arsys		
white glossy	**2044 00 02**	1
polar white glossy	**2044 00 69**	1
brown glossy	**2044 00 01**	1
light bronze, lacquered	**2044 90 11**	1
stainless steel matt, lacquered	**2044 90 04**	1

New



Thermostat, NO contact, with centre plate

- Time-controlled

Rated voltage	230 V~
Frequency	50 Hz
Switching current	8 A
Hysteresis, settable	0.1 ... 1 K
Room temperature setting range	5 ... 30 °C

Neutral conductor necessary!

- with imprint
- with keylock
- with frost protection function
- operating languages adjustable: German, English, Dutch, Italian or French
- 4 temperature modes selectable
- temperature value can be calibrated
- temperature control range adjustable
- for heating or cooling mode
- large, backlight display with text display
- with integrated temperature sensor
- with switchover manual/automatic mode
- hysteresis, settable
- 3 preset time programmes, individually adjustable
- simple programming of switching times through integrated copy function
- programme memory network failure proved
- without spreader claws
- with screw terminals

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142

Design	Order no.	PU
Berker R.1/R.3		
polar white glossy	* **2045 20 89**	1
black glossy	* **2045 20 45**	1



Thermostat, NO contact, with centre plate, for underfloor heating

i 883

- Rocker switch
- External temperature sensor

Rated voltage	250 V~
Frequency	50/60 Hz
Switching current	10 A
Sensor cable length	4 m
Floor temperature setting range	10 ... 50 °C
Room temperature setting range	5 ... 30 °C
Switching temperature difference	≈ 1 K
Night lowering	≈ 5 K

If the preset temperature is reached, the contact closes.
Neutral conductor necessary!

- with imprint
- with on/off switch and 2 LEDs
- e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with LED for heating and LED for night lowering
- without spreader claws
- with separate connection for night lowering
- with plug-in terminals

Suitable for	Order no.	Page
Centre plate for thermostat for underfloor heating	1672 ..	140
Valve drive 230 V	7590 00 76	142
replacement		
Temperature sensor	161	150

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**2034 89 82**	1
polar white glossy	**2034 89 89**	1
polar white matt	**2034 19 09**	1
anthracite matt	**2034 16 06**	1
aluminium matt, lacquered	**2034 14 04**	1
Modul 2		
white glossy	# **2034 02**	1
polar white glossy	# **2034 09**	1



New



Design		Order no.	PU
Berker Q.1/Q.3			
polar white velvety		**2034 60 89**	1
anthracite velvety, lacquered	*	**2034 60 86**	1

New



Berker K.1/K.5			
polar white glossy		**2034 71 09**	1
anthracite matt, lacquered		**2034 71 06**	1
aluminium matt, lacquered	*	**2034 71 03**	1
stainless steel matt, lacquered		**2034 71 04**	1



Berker Arsys			
white glossy		**2034 00 02**	1
polar white glossy		**2034 00 69**	1
brown glossy		**2034 00 01**	1
light bronze matt, lacquered		**2034 90 11**	1
stainless steel matt, lacquered		**2034 90 04**	1

New



Thermostat, NO contact, with centre plate, for underfloor heating

- Rocker switch
- External temperature sensor

Rated voltage	230 V~
Frequency	50 Hz
Switching current	16 (2) A
Sensor cable length	4 m
Floor temperature setting range	10 ... 50 °C
Room temperature setting range	5 ... 30 °C
Switching temperature difference	≈ 1 K
Night lowering	≈ 5 K

If the preset temperature is reached, the contact closes.
Neutral conductor necessary!

- with imprint
- with on/off switch and 2 LEDs
- e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with LED for heating and LED for night lowering
- without spreader claws
- with separate connection for night lowering
- with screw terminals

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142
replacement		
Temperature sensor	161	150

Design		Order no.	PU
Berker R.1/R.3			
polar white glossy	*	**2034 20 89**	1
black glossy	*	**2034 20 45**	1



Temperature controller, change-over contact, with centre plate

i 883

Rated voltage	250 V~
Frequency	50/60 Hz
“Heating” switching current	10 A
Switching current “Heating” at cos φ = 0.6	4 A
Switching current “Cooling”	5 A
Switching current “Cooling” at cos φ = 0.6	2 A
Switching temperature difference	≈ 0.5 K
Temperature	5 ... 30 °C

If the preset temperature is reached the contact changes.
Neutral conductor necessary!

- with imprint
- e.g. for valve drives closed in de-energised state
- for heating or cooling mode
- setting knob with temperature range limitation
- with thermal return
- without spreader claws
- with plug-in terminals

Suitable for	Order no.	Page
Centre plate for thermostat	1670 ..	140
Valve drive 230 V	7590 00 76	142

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**2026 89 82**	1
polar white glossy		**2026 89 89**	1
polar white matt		**2026 19 09**	1
anthracite matt		**2026 16 06**	1
aluminium matt, lacquered		**2026 14 04**	1





Modul 2

white glossy	#	**2026 12**	1
polar white glossy	#	**2026 09**	1

New



Berker Q.1/Q.3

polar white velvety		**2026 60 89**	1
anthracite velvety, lacquered	*	**2026 60 86**	1

New



Berker K.1/K.5

polar white glossy		**2026 71 09**	1
anthracite matt, lacquered		**2026 71 06**	1
aluminium matt, lacquered	*	**2026 71 03**	1
stainless steel matt, lacquered		**2026 71 04**	1



Berker Arsys

white glossy		**2026 00 02**	1
polar white glossy		**2026 00 69**	1
brown glossy		**2026 00 01**	1
light bronze matt, lacquered		**2026 90 11**	1
stainless steel matt, lacquered		**2026 90 04**	1

New



Temperature controller, change-over contact, with centre plate

Rated voltage	250 V~
Frequency	50/60 Hz
“Heating” switching current	10 A
Switching current “Heating” at cos φ = 0.6	4 A
Switching current “Cooling”	5 A
Switching current “Cooling” at cos φ = 0.6	2 A
Switching temperature difference	≈ 0.5 K
Temperature	5 ... 30 °C

- with imprint
- e.g. for valve drives closed in de-energised state
- for heating or cooling mode
- setting knob with temperature range limitation
- with thermal return
- without spreader claws
- with screw terminals

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142

If the preset temperature is reached the contact changes.

Neutral conductor necessary!

Design		Order no.	PU
Berker R.1/R.3			
polar white glossy	*	**2026 20 89**	1
black glossy	*	**2026 20 45**	1



Temperature controller, NC contact, with centre plate

i 883

- Rocker switch



Rated voltage	250 V~
Frequency	50/60 Hz
Switching current	10 A
Switching temperature difference	≈ 0.5 K
Night lowering	≈ 4 K
Temperature	5 ... 30 °C

If the preset temperature is reached, the contact opens.
Neutral conductor necessary!

- with imprint
- with on/off switch and indicator LED for “on”
- e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with thermal return
- without spreader claws
- with separate connection for night lowering
- with plug-in terminals

Suitable for	Order no.	Page
Centre plate for thermostat	1671 ..	141
Valve drive 230 V	7590 00 76	142





New



New





Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**2030 89 82**	1
polar white glossy		**2030 89 89**	1
polar white matt		**2030 19 09**	1
anthracite matt		**2030 16 06**	1
aluminium matt, lacquered		**2030 14 04**	1
Modul 2			
white glossy	#	**2030 02**	1
polar white glossy	#	**2030 09**	1
Berker Q.1/Q.3			
polar white velvety		**2030 60 89**	1
anthracite velvety, lacquered	*	**2030 60 86**	1
Berker K.1/K.5			
polar white glossy		**2030 71 09**	1
anthracite matt, lacquered		**2030 71 06**	1
aluminium matt, lacquered	*	**2030 71 03**	1
stainless steel matt, lacquered		**2030 71 04**	1
Berker Arsys			
white glossy		**2030 00 02**	1
polar white glossy		**2030 00 69**	1
brown glossy		**2030 00 01**	1
light bronze matt, lacquered		**2030 90 11**	1
stainless steel matt, lacquered		**2030 90 04**	1

New



Temperature controller, NC contact, with centre plate

- Rocker switch

Rated voltage	250 V~
Frequency	50 Hz
Switching current	10 A
Switching temperature difference	≈ 0.5 K
Night lowering	≈ 4 K
Temperature	5 ... 30 °C

If the preset temperature is reached, the contact opens.
Neutral conductor necessary!

- with imprint
- with on/off switch and indicator LED for “on”
- e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with thermal return
- without spreader claws
- with separate connection for night lowering
- with screw terminals

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142

Design		Order no.	PU
Berker R.1/R.3			
polar white glossy	*	**2030 20 89**	1
black glossy	*	**2030 20 45**	1



Temperature controller, NC contact, with centre plate, 24 V AC/DC

i 883

- Rocker switch

Rated voltage	24 V~/24 V=
Frequency	50/60 Hz
Switching current	10 A~/4 A=
Switching temperature difference	≈ 0.5 K
Night lowering	≈ 4 K
Temperature	5 ... 30 °C

If the preset temperature is reached, the contact opens.

- with imprint
- with on/off switch and indicator LED for “on”
- e.g. for valve drives closed in de-energised state
- setting knob with temperature range limitation
- with thermal return
- without spreader claws
- with separate connection for night lowering
- with plug-in terminals

Suitable for	Order no.	Page
Centre plate for thermostat	1671 ..	141
Valve drive 24 V AC/DC	7590 00 77	142

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**2031 89 82**	1
polar white glossy		**2031 89 89**	1
polar white matt		**2031 19 09**	1
anthracite matt		**2031 16 06**	1
aluminium matt, lacquered		**2031 14 04**	1
Modul 2			
white glossy	#	**2031 02**	1
polar white glossy	#	**2031 09**	1



New



Berker Q.1/Q.3			
polar white velvety		**2031 60 89**	1
anthracite velvety, lacquered	*	**2031 60 86**	1

New



Berker K.1/K.5			
polar white glossy		**2031 71 09**	1
anthracite matt, lacquered		**2031 71 06**	1
aluminium matt, lacquered	*	**2031 71 03**	1
stainless steel matt, lacquered		**2031 71 04**	1



Berker Arsys			
white glossy		**2031 00 02**	1
polar white glossy		**2031 00 69**	1
brown glossy		**2031 00 01**	1
light bronze matt, lacquered		**2031 90 11**	1
stainless steel matt, lacquered		**2031 90 04**	1

Thermostat covers



Centre plate for thermostat for underfloor heating

- Rocker
- Setting knob

- with imprint
- setting knob with temperature range limitation

Suitable for	Order no.	Page
Thermostat, NO contact, with centre plate, for underfloor heating	2034 ..	135

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1672 89 82**	1
polar white glossy		**1672 89 89**	1
polar white matt		**1672 19 09**	1
anthracite matt		**1672 16 06**	1
aluminium matt, lacquered		**1672 14 04**	1
Modul 2			
white glossy	#	**1672 02**	1
polar white glossy	#	**1672 09**	1
Berker Q.1/Q.3			
polar white velvety		**1672 60 89**	1
anthracite velvety, lacquered	*	**1672 60 86**	1
Berker K.1/K.5			
polar white glossy		**1672 71 09**	1
anthracite matt, lacquered		**1672 71 06**	1
aluminium matt, lacquered	*	**1672 71 03**	1
stainless steel matt, lacquered		**1672 71 04**	1
Berker Arsys			
white glossy		**1672 00 02**	1
polar white glossy		**1672 00 69**	1
brown glossy		**1672 00 01**	1
light bronze matt, lacquered		**1672 90 11**	1
stainless steel matt, lacquered		**1672 90 04**	1





New



New





Centre plate for thermostat

- Setting knob

- with imprint
- setting knob with temperature range limitation

Suitable for	Order no.	Page
Temperature controller, change-over contact, with centre plate	2026 ..	136

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1670 89 82**	1
polar white glossy		**1670 89 89**	1
polar white matt		**1670 19 09**	1
anthracite matt		**1670 16 06**	1
aluminium matt, lacquered		**1670 14 04**	1
Modul 2			
white glossy	#	**1670 02**	1
polar white glossy	#	**1670 09**	1
Berker Q.1/Q.3			
polar white velvety		**1670 60 89**	1
anthracite velvety, lacquered	*	**1670 60 86**	1



New



New



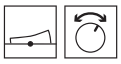


Design	Order no.	PU
Berker K.1/K.5		
polar white glossy	**1670 71 09**	1
anthracite matt, lacquered	**1670 71 06**	1
aluminium matt, lacquered	* **1670 71 03**	1
stainless steel matt, lacquered	**1670 71 04**	1
Berker Arsys		
white glossy	**1670 00 02**	1
polar white glossy	**1670 00 69**	1
brown glossy	**1670 00 01**	1
light bronze matt, lacquered	**1670 90 11**	1
stainless steel matt, lacquered	**1670 90 04**	1



Centre plate for thermostat

- Rocker
- Setting knob



- with imprint
- setting knob with temperature range limitation

Suitable for	Order no.	Page
Temperature controller, NC contact, with centre plate	2030 ..	138
Temperature controller, NC contact, with centre plate, 24 V AC/DC	2031 ..	139



Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1671 89 82**	1
polar white glossy	**1671 89 89**	1
polar white matt	**1671 19 09**	1
anthracite matt	**1671 16 06**	1
aluminium matt, lacquered [1]	**1671 14 04**	1
Modul 2		
white glossy	# **1671 02**	1
polar white glossy	# **1671 09**	1

New



Berker Q.1/Q.3		
polar white velvety	**1671 60 89**	1
anthracite velvety, lacquered	* **1671 60 86**	1

New

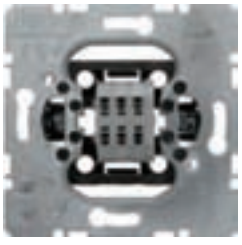




Berker K.1/K.5		
polar white glossy	**1671 71 09**	1
anthracite matt, lacquered	**1671 71 06**	1
aluminium matt, lacquered	* **1671 71 03**	1
stainless steel matt, lacquered	**1671 71 04**	1
Berker Arsys		
white glossy	**1671 00 02**	1
polar white glossy	**1671 00 69**	1
brown glossy	**1671 00 01**	1
light bronze matt, lacquered	**1671 90 11**	1
stainless steel matt, lacquered	**1671 90 04**	1

[1] with cover plug for screw fitting

Sensors



Sensor insert

- e.g. for temperature sensor PT100
- without spreader claws
- with plug-in terminals

Design	Order no.	PU
Sensor insert	**7594 10 01**	10



Central plate for sensor insert

Caution!
Use only with intermediate ring for central plate from the corresponding range.
Labelling field cannot be used.

- with slots for air circulation
- e.g. for temperature sensor PT100

Design	Order no.	PU
white glossy	**7594 04 02**	1
polar white glossy	**7594 04 09**	1
polar white matt/velvety	**7594 04 89**	1
anthracite matt	**7594 04 85**	1
aluminium matt, lacquered	**7594 04 83**	1
stainless steel matt, lacquered	**7594 04 03**	1
light bronze matt, lacquered	**7594 04 04**	1

Valve drives



IP54

Valve drive 230 V

Operating voltage	230 V~
Frequency	0 … 60 Hz
Power consumption	1.8 W
Stroke	4 mm
Running time	45 s /mm
Pre-assembled cables	≈ 1 m
Dimensions (W x H x D)	44 x 60 x 61 mm
Medium temperature	max. 0 ... 100 °C
Operating temperature	+0 ... +60 °C

Neutral conductor necessary!

Order valve adapter separately.

- thermoelectric mode of operation
- with overheating protection
- closed in de-energized state
- with state indication (opened or closed)
- with anti-dismantling protection
- for plug-in cover
- pluggable connection cable

Suitable for	Order no.	Page
Thermostat, NO contact, with centre plate	2044 ..	135
Thermostat, NO contact, with centre plate	2045 ..	135
Thermostat, NO contact, with centre plate, for underfloor heating	2034 ..	135
Temperature controller, change-over contact, with centre plate	2026 ..	137
Temperature controller, NC contact, with centre plate	2030 ..	138
Heating actuator 6gang RMD 230 V	7531 60 03	822
Heating actuator 230 V flush-mounted	7534 10 05	827
Blind and heating actuator 1 + 1gang flush-mounted	7534 10 06	827
Valve adapter for valve drive	7590 ..	143

Design	Order no.	PU
polar white	**7590 00 76**	1



IP54

Valve drive 24 V AC/DC

Operating voltage	24 V~/=
Frequency	50/60 Hz
Power consumption	1.8 W
Stroke	4 mm
Running time	45 s /mm
Line length	max. 200 m
Pre-assembled cables	≈ 1 m
Dimensions (W x H x D)	44 x 60 x 61 mm
Medium temperature	max. 0 ... 100 °C
Operating temperature	+0 ... +60 °C

Order valve adapter separately.

- thermoelectric mode of operation
- with overheating protection
- closed in de-energized state
- with state indication (opened or closed)
- with anti-dismantling protection
- for plug-in cover
- pluggable connection cable

Suitable for	Order no.	Page
Temperature controller, NC contact, with centre plate, 24 V AC/DC	2031 ..	139
Valve adapter for valve drive	7590 ..	143

Design	Order no.	PU
polar white	**7590 00 77**	1



Valve adapter for valve drive

Cap nut (M x L) M30 x 1.5 mm

More valve adapters upon request.

– for valve drive 230 V or actuator drive 24 V

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142
Valve drive 24 V AC/DC	7590 00 77	142

Design	Order no.	PU
grey, VA10, Dumser/Simplex/Beulco (from 2005)	**7590 00 72**	1
dark grey, VA50, Cazzaniga/Honeywell & Braukmann/ Landis & Gyr/Frese/Reich (distributor)/KaMo	**7590 00 73**	1
light grey, VA80, Comap/Empur/Heimeier/Herb/IVAR/ MNG/Onda/Oventrop/Schlösser/Strawa/TA/Thermot	**7590 00 75**	1
polar white, VA78, flane for Danfoss valves, type: RA	**7590 00 74**	1

Heating emergency switches

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

1-pole inserts

– Connection terminals according to VDE 0632-1Connection terminals according to IEC 60669-1



Change-over/intermediate switch i 850

Rated voltage 250 V~
Switching current 10 AX
Insertion depth 31 mm

A control change-over switch is shown here as an example. With 2-pole and 3-pole control on/off switches, other rocker switches and neon lamp units are required.

– for illumination and monitoring circuit
– with plug-in terminals

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	69
Incandescent lamp unit with N terminal	1676 ..	69
LED unit 230 V, for switches/push-buttons	1686 ..	70
LED unit for switches/push-buttons	1687	70



Design	Order no.	PU
Change-over switch	**3036**	10
Change-over switch for installation in hollow walls [1]	**3036 50**	10
Intermediate switch	**3037**	10

[1] low installation depth, without spreader claws

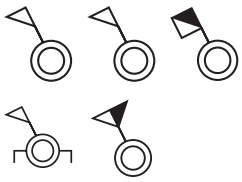


Push-button i 851

Rated voltage 250 V~
Momentary-contact current 10 A
Contact spacing 3 mm
Contact spacing > 3 mm
Conductor cross-section (rigid) max. 2.5 mm²

– for illumination and monitoring circuit
– with plug-in terminals

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	69
Incandescent lamp unit with N terminal	1676 ..	69
LED unit 230 V, for switches/push-buttons	1686 ..	70
LED unit for switches/push-buttons	1687 ..	70



Design	Order no.	PU
Push-button, NO contact	**5031**	10
Push-button, NO contact for installation in hollow walls [1]	**5031 50**	10
Push-button, change-over	**5036**	10
Push-button, NO contact, 2 separate signal contacts	**5031 01**	10
Push-button, NC contact + NO contact, isolated input terminals	**5032 03**	10

[1] low installation depth, without spreader claws

Covers for 1-pole inserts



Rocker with imprint “Heizung Notschalter”

- Red lens



Or use glass pane-protected heating emergency switch from programme ranges Arsys, flush-mounted splash-protected IP44, Aquatec IP44.

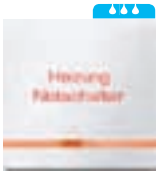
Not suitable for heating systems > 50 kW.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

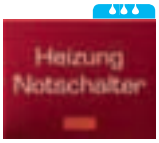
Design		Order no.	PU
Berker S.1/B.3/B.7			
red glossy		**1621 89 02**	10
red matt		**1621 19 02**	10
Modul 2			
white glossy	#	**1707 02**	10
polar white glossy	#	**1707 09**	10



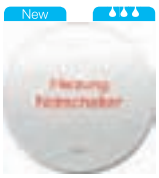
Berker Q.1/Q.3			
polar white velvety [1]		**1621 60 69**	10



Berker K.1/K.5			
red glossy		**1488 71 15**	10



Berker Arsys			
red glossy		**1488 00 62**	10



Berker R.1/R.3			
polar white glossy [2]	*	**1621 20 49**	10

[1] with orange lens
[2] with clear lens



Centre plate with glass plate

- Rocker



In case of danger break glass and press rocker!
The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Housing screws made of stainless steel.
Adhesive label sheets, text white: “Notschalter”, “Rauch-abzug”, “Feuerschutztür schließen”, “Feuerabschluss schließen”, “Heizung”, “Lichtkuppel”, “Hausalarm” and “Öffnen”.

Not suitable for heating systems > 50 kW.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Design	Order no.	PU
Berker Arsys		
red glossy	**1297 00 00**	10
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
red glossy	**1295**	10

Multi-pole inserts

– Connection terminals according to VDE 0632-1Connection terminals according to IEC 60669-1



On/off switch 2pole 10 AX

i 850

Rated voltage 250 V~
Switching current 10 AX

– for illumination and monitoring circuit
– with plug-in terminals

Only suitable in combination with rockers with “0” imprint.

Design	Order no.	PU
On/off switch 2pole 10 AX	**3032**	10



On/off switch 2pole 16 AX

i 851

Rated voltage 250 V~
Switching current 16 AX

– for illumination and monitoring circuit
– with screw terminals

For switching of 16 A socket outlets, for example.
Only suitable in combination with rockers with “0” imprint.
Not suitable for water-protected, flush-mounted installation IP44.

Design	Order no.	PU
On/off switch 2pole 16 AX	**3032 12**	10



On/off switch 2pole

- Earthing contact

Rated voltage 250 V~
Switching current 20 A

– for illumination and monitoring circuit
– can be illuminated with neon lamp unit
– 2pole on/off
– with screw terminals

Suitable for optional	Order no.	Page
Neon lamp unit for switches/push-buttons	1600 02	69

Design	Order no.	PU
On/off switch 2pole	**5230 32 13**	10



On/off switch 3pole

i 851

Rated voltage 400 V~
Switching current 16 AX

– for illumination and monitoring circuit
– with screw terminals

Only suitable in combination with rockers with “0” imprint.
Not suitable for water-protected, flush-mounted installation IP44.

Design	Order no.	PU
On/off switch 3pole	**3033 03**	10

Covers for multi-pole inserts



Rocker with imprint “Heizung Notschalter - 0”

- Red lens

– with imprint “0”
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Or use glass pane-protected heating emergency switch.

Not suitable for heating systems > 50 kW.

Design		Order no.	PU
Modul 2			
white glossy	#	**1708 02**	10
polar white glossy	#	**1708 09**	10

3-Step switches

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

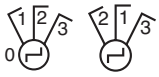


3-step switch i 852

Rated voltage 250 V~
Switching current 16 A

– with screw terminals

For air conditioners and fans, for example.



Design	Order no.	PU
3-step switch, with 0-position: 0-1-2-3	**3861**	10
3-step switch, without 0-position: 2-1-3	**3861 01**	10



Centre plate with rotary knob for 3-step switch

– with imprint

Design		Order no.	PU
Berker S.1/B.3/B.7, without 0-position			
white glossy, without 0-position: 2-1-3		**1084 89 82**	1
polar white glossy, without 0-position: 2-1-3		**1084 89 89**	1
polar white matt, without 0-position: 2-1-3		**1084 19 09**	1
anthracite matt, without 0-position: 2-1-3		**1084 16 06**	1
aluminium matt, lacquered, without 0-position: 2-1-3		**1084 14 04**	1
Berker S.1/B.3/B.7, with 0-position			
white glossy, with 0-position: 0-1-2-3		**1096 89 82**	1
polar white glossy, with 0-position: 0-1-2-3		**1096 89 89**	1
polar white matt, with 0-position: 0-1-2-3		**1096 19 09**	1
anthracite matt, with 0-position: 0-1-2-3		**1096 16 06**	1
aluminium matt, lacquered, with 0-position: 0-1-2-3		**1096 14 04**	1
Modul 2, without 0-position			
white glossy, without 0-position: 2-1-3	#	**1084 02**	1
polar white glossy, without 0-position: 2-1-3	#	**1084 09**	1



Modul 2, with 0-position			
white glossy, with 0-position: 0-1-2-3	#	**1096 02**	1
polar white glossy, with 0-position: 0-1-2-3	#	**1096 09**	1
Berker Q.1/Q.3, without 0-position			
polar white velvety, without 0-position: 2-1-3		**1084 60 89**	1
anthracite velvety, lacquered, without 0-position: 2-1-3	*	**1084 60 86**	1









Design		Order no.	PU
Berker Q.1/Q.3, with 0-position			
polar white velvety, with 0-position: 0-1-2-3		**1096 60 89**	1
anthracite velvety, lacquered, with 0-position: 0-1-2-3	*	**1096 60 86**	1
Berker K.1/K.5, without 0-position			
polar white glossy, without 0-position: 2-1-3		**1088 71 09**	1
anthracite matt, lacquered, without 0-position: 2-1-3		**1088 71 06**	1
Aluminium, aluminium anodised, without 0-position: 2-1-3	*	**1088 71 03**	1
Stainless steel, metal matt finish, without 0-position: 2-1-3		**1088 71 04**	1
Berker K.1/K.5, with 0-position			
polar white glossy, with 0-position: 0-1-2-3		**1087 71 09**	1
anthracite matt, lacquered, with 0-position: 0-1-2-3		**1087 71 06**	1
Aluminium, aluminium anodised, with 0-position: 0-1-2-3	*	**1087 71 03**	1
Stainless steel, metal matt finish, with 0-position: 0-1-2-3		**1087 71 04**	1
Berker Arsys, without 0-position			
white glossy, without 0-position: 2-1-3		**1088 00 02**	1
polar white glossy, without 0-position: 2-1-3		**1088 00 69**	1
brown glossy, without 0-position: 2-1-3		**1088 00 01**	1
light bronze matt, aluminium lacquered, without 0-position: 2-1-3		**1088 01 01**	1
Stainless steel, metal matt finish, without 0-position: 2-1-3		**1088 01 04**	1
gold/polar white, matt/glossy, aluminium anodised, without 0-position: 2-1-3		**1088 01 02**	1
Berker Arsys, with 0-position			
white glossy, with 0-position: 0-1-2-3		**1087 00 02**	1
polar white glossy, with 0-position: 0-1-2-3		**1087 00 69**	1
brown glossy, with 0-position: 0-1-2-3		**1087 00 01**	1
light bronze matt, aluminium lacquered, with 0-position: 0-1-2-3		**1087 01 01**	1
Stainless steel, metal matt finish, with 0-position: 0-1-2-3		**1087 01 04**	1
gold/polar white, matt/glossy, aluminium anodised, with 0-position: 0-1-2-3		**1087 01 02**	1
Berker R.1/R.3, without 0-position			
polar white glossy, without 0-position: 2-1-3	*	**1084 20 89**	1
black glossy, without 0-position: 2-1-3	*	**1084 20 45**	1
Berker R.1/R.3, with 0-position			
polar white glossy, with 0-position: 0-1-2-3	*	**1096 20 89**	1
black glossy, with 0-position: 0-1-2-3	*	**1096 20 45**	1

Speed controllers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Speed controllers

i 855

Operating voltage	230/240 V~
Frequency	50/60 Hz
Motor nominal and slat current	max. 0.1 ... 2.7 A
Fine-wire fuse	T 3.15 H 250 V
Loss power at full load	≈ 5 W
Axis dimension Ø	4 mm

Possible to change fuse without removing cover.

- phase cut-on
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- basic speed adjustable
- for devices with motory drive
- with rotary on/off switch
- additional switching contact for blade control
- with plug-in terminals





Design	Order no.	PU
Speed controllers	**2968 01**	1



Centre plate for speed controller

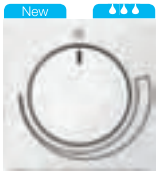
- Setting knob
- with imprinted symbol curve

Axis dimension Ø 4 mm

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1137 89 22**	10
polar white glossy	**1137 89 29**	10
polar white matt	**1137 19 29**	10
anthracite matt	**1137 16 26**	10
aluminium matt, lacquered	**1137 14 24**	10



Modul 2		
white glossy	# **1137 22**	1
polar white glossy	# **1137 29**	10



New

Berker Q.1/Q.3		
polar white velvety	**1137 60 79**	10
anthracite velvety, lacquered	* **1137 60 76**	10



New

Berker K.1/K.5		
polar white glossy	**1135 72 09**	10
anthracite matt, lacquered	**1135 72 06**	10
Aluminium, aluminium anodised	* **1135 72 03**	10
Stainless steel, metal matt finish	**1135 72 04**	10



Berker Arsys		
white glossy	**1135 00 22**	10
polar white glossy	**1135 00 89**	10
brown glossy	**1135 00 21**	10
light bronze matt, aluminium lacquered	**1134 00 21**	10
Stainless steel, metal matt finish	**1134 00 24**	10
gold matt, aluminium anodised	**1134 00 22**	10



New

Berker R.1/R.3		
polar white glossy	* **1137 20 79**	10
black glossy	* **1137 20 35**	10

BLC -Berker Light Control

BLC switches



BLC relay insert HVAC

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
Motor switching current (HLK channel)	2.1 A
230 V incandescent lamps and halogen lamps	1000 W
230 V incandescent lamps (HVAC-channel)	800 W
230 V halogen lamps (HVAC-channel)	750 W
Fluorescent lamps:	
- uncompensated	500 VA
- in Duo circuit	1000 VA
Conventional transformers	750 VA
Electronic transformers	750 W
HVAC-channel adjustable	≈ 2/10/30/60/120 min
Switch on delay HVAC-channel	0/3 min
Operating temperature	+5 ... +35 °C

- when cover is detached, the switch status is retained (wallpaper function)
- switch on delay for HVAC channel can be activated/ deactivated permanently with BLC button
- also usable as push-button relay switch
- potential-free HVAC contact suitable for function extra-low voltage FELV (only alternating voltage)
- insert suitable for BLC buttons
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with delay time HVAC relay contact for e.g. valve drive, thermostat, fan ...
- with screw terminals

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!

Suitable for optional	Order no.	Page
Making current limiter	185	74

Design	Order no.	PU
BLC relay insert HVAC	**2912**	1

BLC push-buttons



BLC push-button

i 859

- with 2-push-buttons operation concept
- switch-on brightness for BLC dimmer insert mains-failure protection storable

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1761 89 82**	1
polar white glossy	**1761 89 89**	1
anthracite matt	**1761 16 06**	1
polar white matt	**1761 19 09**	1
aluminium matt, lacquered	**1761 14 04**	1
Modul 2		
white glossy	# **1761 02**	1
polar white glossy	# **1761 09**	1

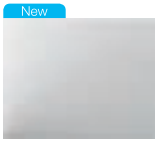


New



Berker Q.1/Q.3		
polar white velvety	**1761 60 89**	1
anthracite velvety, lacquered	* **1761 60 86**	1

New



Berker K.1/K.5		
polar white glossy	**1761 70 09**	1
anthracite matt, lacquered	**1761 70 06**	1
Aluminium, aluminium anodised	* **1761 70 03**	1
Stainless steel, metal matt finish	**1761 70 04**	1



Design	Order no.	PU
Berker Arsys		
white glossy	**1761 00 02**	1
polar white glossy	**1761 00 69**	1
brown glossy	**1761 00 01**	1
light bronze matt, aluminium lacquered	**1761 00 11**	1
Stainless steel, metal matt finish	**1761 00 04**	1
gold matt, aluminium anodised	**1761 00 12**	1

Supplementary products



Temperature sensor

i 883

Characteristic resistance value at 25 °C	33 kΩ
Sensor cable length	4 m

– as replacement or function extension of products with suitable connection, such as thermostat, glass sensors or KNX thermostat

Suitable for	Order no.	Page
Thermostat, NO contact, with centre plate	2044 ..	135
Thermostat, NO contact, with centre plate, for underfloor heating	2034 ..	136

Design	Order no.	PU
Temperature sensor	**161**	1

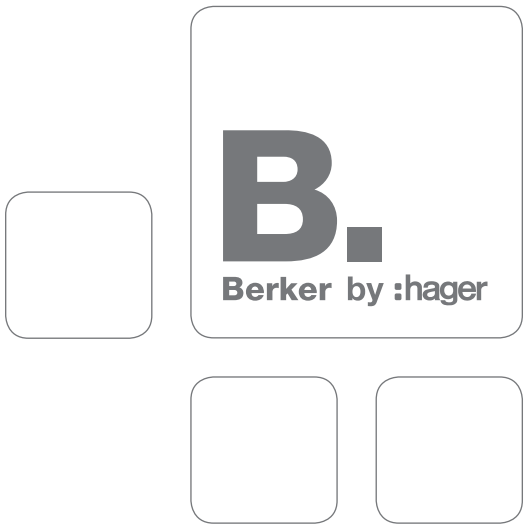
Communication/ Multimedia technology

Whatever new options communication and entertainment technologies open up - Berker means they can also be integrated perfectly. Our multimedia socket outlets, for example, offer ideal connections for laptops, beamers, PC monitors, mobile terminals and HiFi systems, as well as for all the newest entertainment electronics devices. Our flush-mounted radio offers perfect reception in any room. And our USB charging socket outlet helps to charge up the batteries of mobile phones and smartphones, digital cameras and games consoles and give them new energy. All of these functions are easy to install, are available for all Berker switch ranges and are thus the most direct method of bringing the future into your home.

- Multimedia socket outlets for modern entertainment electronics
- Best reception with the flush-mounted radio
- Charging smartphones, cameras und consoles using the USB charging socket
- Available for all Berker standard and comfort ranges
- The communication and multimedia connection technology means that the jungle of cables is a thing of the past – both at home and at work



Antenna technology	154
Data communication	157
Supplementary products	170
USB charging socket outlets	173
Multimedia	174
Consumer electronics	183



Antenna technology

Aerial sockets



Aerial socket 2hole single box

i 911

- DC-permeable

=➔=

Wave impedence	75 Ω
Broadband technology	4 ... 2400 MHz
Attentuation:	
- at 40 ... 68 MHz	3.5 dB
- at 87.5 ... 108 MHz	3.8 dB
- at 113 ... 174 MHz	2.5 dB
- at 174 ... 862 MHz	4 dB
- at 950 ... 2200 MHz	3 ... 4.9 dB
reverse channel compatible	4 ... 2400 MHz

Not suitable as terminal box.
IEC 169-2 and EN 60728-11
Shielding value according to EMC protection class A

- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- for analogue and digital transmission
- for terrestrial reception
- in star structure or decoupled spur lines
- suitable for HDTV
- remote supply via output socket
- DC voltage conducting
- with screw terminals

TV

Design	Order no.	PU
Aerial socket 2hole single box	**4502**	10



Aerial socket, 2hole throughpass socket

i 911

Wave impedence	75 Ω
Broadband technology	4 ... 2400 MHz
Attentuation:	
- at 5 ... 111 MHz	14 dB
- at 111 ... 862 MHz	15 dB
- at 950 ... 2400 MHz	16 dB
Transmission loss:	
- at 5 ... 111 MHz	1.5 dB
- at 111 ... 862 MHz	1 dB
- at 950 ... 2400 MHz	2.5 dB
reverse channel compatible	4 ... 2400 MHz

EN 60728-4, -11
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

- for community, DVB-T and broadband cable systems
- for SAT house distributors
- for analogue and digital transmission
- for terrestrial reception
- in tree structure and trunk lines
- suitable for HDTV
- disables DC voltage
- with decoupling device
- with screw terminals

TV

Design	Order no.	PU
Aerial socket, 2hole throughpass socket	**4515**	10



Aerial socket 3hole single box

i 911

- DC-permeable

=➔=

Wave impedence	75 Ω
Broadband technology	5 ... 2400 MHz
Attentuation:	
- at 4 ... 30 MHz	3.5 dB
- at 40 ... 68 MHz	3.5 dB
- at 87.5 ... 108 MHz	3.8 dB
- at 113 ... 174 MHz	3.5 dB
- at 174 ... 862 MHz	4 dB
- at 950 ... 2400 MHz	1.5 ... 3 dB

EN 60728-4, -11
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- for analogue and digital transmission
- for terrestrial reception
- in star structure or decoupled spur lines
- suitable for HDTV
- remote supply via F-socket
- DC voltage conducting
- with screw terminals

TV

Design	Order no.	PU
Aerial socket 3hole single box	**4522**	1



Aerial socket 3hole throughpass socket

911

Wave impedence	75 Ω
Broadband technology	40 ... 2400 MHz
Attentuation:	
- at 1.5 ... 26.1 MHz	11 dB
- at 47 ... 68 MHz	10.5 dB
- at 87.5 ... 108 MHz	10.5 dB
- at 111 ... 174 MHz	10 dB
- at 174 ... 862 MHz	10.5 dB
- at 950 ... 2050 MHz	10.5 dB
Transmission loss:	
- at 1.5 ... 26.1 MHz	1.5 dB
- at 47 ... 68 MHz	1.5 dB
- at 87.5 ... 108 MHz	1.5 dB
- at 111 ... 174 MHz	1 dB
- at 174 ... 862 MHz	2 dB
- at 950 ... 2050 MHz	3 dB

- for community, DVB-T and broadband cable systems
- for SAT house distributors without supply voltage, e.g. single-cable solution
- for analogue and digital transmission
- for terrestrial reception
- in tree structure and trunk lines
- suitable for HDTV
- disables DC voltage
- with decoupling device
- with screw terminals

EN 60728-4, -11
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

TV

Design	Order no.	PU
Aerial socket 3hole throughpass socket	**4523**	1



Aerial socket 3hole throughpass socket

911

- DC-permeable

=→=

Wave impedence	75 Ω
Broadband technology	40 ... 2400 MHz
Attentuation:	
- at 1.5 ... 26.1 MHz	11 dB
- at 47 ... 68 MHz	10.5 dB
- at 87.5 ... 108 MHz	10.5 dB
- at 111 ... 174 MHz	10 dB
- at 174 ... 862 MHz	10.5 dB
- at 950 ... 2050 MHz	10.5 dB
Transmission loss:	
- at 1.5 ... 26.1 MHz	1.5 dB
- at 47 ... 68 MHz	1.5 dB
- at 87.5 ... 108 MHz	1.5 dB
- at 111 ... 174 MHz	1 dB
- at 174 ... 862 MHz	2 dB
- at 950 ... 2050 MHz	3 dB

- for community, DVB-T and broadband cable systems
- for SAT house distributors
- suitable for unicable
- for analogue and digital transmission
- for terrestrial reception
- in tree structure and trunk lines
- suitable for HDTV
- DC voltage conducting
- with decoupling device
- with screw terminals

In unicable systems, the last antenna socket must be closed with a terminating resistor (available in specialist shops) suitable for DC.
EN 60728-4, -11
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

TV

Design	Order no.	PU
Aerial socket 3hole throughpass socket	**4593**	1



Terminating resistor

911

Broadband technology	0.15 ... 2400 MHz
Resistor	75 Ω

- for use in last through-box
- DC voltage conducting
- for non-reflective termination of a trunk cable

Design	Order no.	PU
Terminating resistor	**4503**	1



Centre plate for aerial socket 2-/3hole

For aerial socket as per according to DIN 45330

– with knock out SAT input

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1203 89 82**	10
polar white glossy		**1203 89 89**	10
polar white matt		**1203 19 09**	10
anthracite matt		**1203 16 06**	10
aluminium matt, lacquered		**1203 14 04**	10
Modul 2			
white glossy	#	**1200 02**	10
polar white glossy	#	**1200 09**	10



New



Berker Q.1/Q.3			
polar white velvety		**1203 60 89**	10
anthracite velvety, lacquered	*	**1203 60 86**	10

New





Berker K.1/K.5			
polar white glossy		**1201 70 19**	10
anthracite matt, lacquered		**1201 70 16**	10
Aluminium, aluminium anodised	*	**1201 70 13**	10
Stainless steel, metal matt finish		**1201 70 14**	10
Berker Arsys			
white glossy		**1201 01 12**	10
polar white glossy		**1201 01 79**	10
brown glossy		**1201 01 11**	10
light bronze matt, aluminium lacquered		**1202 00 21**	10
Stainless steel, metal matt finish		**1202 00 04**	10
gold matt, aluminium anodised		**1202 00 02**	10

New



Berker R.1/R.3			
polar white glossy	*	**1203 20 89**	10
black glossy	*	**1203 20 45**	10



Aerial socket 4hole single box

i 911

- DC-permeable

=➔=

Wave impedence	75 Ω
Broadband technology	5 ... 2400 MHz
Attentuation:	
- at 0.5 ... 26.1 MHz	2 dB
- at 47 ... 68 MHz	2 dB
- at 87.5 ... 108 MHz	2 dB
- at 174 ... 862 MHz	2 dB
- at 120 ... 174 MHz	4.5 dB
- at 950 ... 2050 MHz	4 dB

EN 60728-4
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

– for community and broadband cable systems
– for multi-switch systems
– for single and distributor SAT systems
– for analogue and digital transmission
– for terrestrial reception
– in star structure or decoupled spur lines
– suitable for HDTV
– remote supply via F-sockets
– with 2 equal IEC outputs (socket and plug)
– with 2 independent SAT outputs (F-sleeves)
– for simultaneous connection of radio and TV receiver as well as 2 independent SAT receivers
– also to add SAT programmes in broadband cable systems
– DC voltage conducting
– with screw terminals

TV

Design	Order no.	PU
Aerial socket 4hole single box	**4594**	1



Central plate for aerial socket 4hole (Ankaro)

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

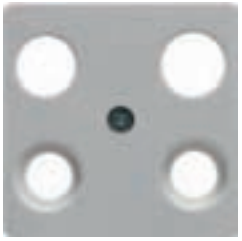
Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with 2 additional SAT outputs (F-sockets)

Manufacturer product line — **Art. No.**
Aerial sockets
Ankaro
Astro
Axing
Delta
Schwaiger

Design	Order no.	PU
white glossy	**1484 02**	10
polar white glossy	**1484 09**	10
polar white matt/velvety	**1484 19 09**	10
anthracite matt	**1484 16 06**	10
aluminium matt, lacquered	**1484 14 04**	10
brown glossy	**1484 01**	10
light bronze matt, lacquered	**1484 11**	10
stainless steel matt, lacquered	**1484 04**	10

Covers of external aerial sockets



Central plate for aerial socket 4hole (Hirschmann)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with 2 additional SAT outputs (F-sockets)

Manufacturer product line — **Art. No.**
Aerial sockets
Hirschmann

Design	Order no.	PU
white glossy	**1483 02**	10
polar white glossy	**1483 09**	10
polar white matt/velvety	**1483 19 09**	10
anthracite matt	**1483 16 06**	10
aluminium matt, lacquered	**1483 14 04**	10
brown	**1483 01**	10
light bronze matt, lacquered	**1483 11**	10
stainless steel matt, lacquered	**1483 04**	10



Central plate for broadband modem socket (Wisi)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with additional multimedia output

Manufacturer product line — **Art. No.**
Broadband modem socket
Wisi

Design	Order no.	PU
white glossy	# **1439 02**	10
polar white glossy	# **1439 09**	10
polar white matt/velvety	# **1439 19 09**	10
anthracite matt	# **1439 16 06**	10

Data communication

UAE socket outlets 1gang



FCC socket outlet 8(4)pole, cat.3

i 913

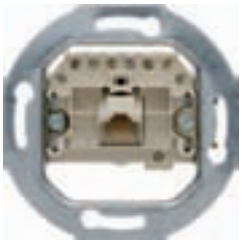
Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Insertion depth	22 mm

– for connectors RJ11, RJ12 and RJ45, ISDN-compatible
– with 45° oblique outlet
– with screw terminals

Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

UAE

Design	Order no.	PU
white	**4568**	10



FCC socket outlet 8pole, cat.3

913

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Insertion depth	22 mm

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

UAE

Design	Order no.	PU
white	**4538**	10



FCC socket outlet 8pole shielded, cat.5e

913

Rated voltage	72 V=
Rated current	0.75 A
Transmission bandwidth	max. 100 MHz
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- suitable for PoE+
- with screen contacting 360° and cable clamp
- flexible cable routing
- with 45° oblique outlet
- without spreader claws
- with LSA+ terminals

Cat.5, class D, shielded according to ISO/IEC 11801
cat.5e according to TIA/EIA 568-B.2
Design to according to DIN EN 60603-7-3
Protective screen according to DIN EN 55022, class B
Colour code A and B according to TIA/EIA-568-B.2

UAE

Design	Order no.	PU
FCC socket outlet 8pole shielded, cat.5e	**4554**	10



FCC socket outlet 8pole shielded, cat.6A iso

913

Rated voltage	72 V=
Rated current	0.5 A
Transmission bandwidth	max. 500 MHz
Transition resistance	< 20 mΩ
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- cat.6_A iso, Class E_A, shielded
- for RJ11, RJ12 and RJ45 plugs
- suitable for PoE+
- with screen contacting 360° and cable clamp
- flexible cable routing
- with 45° oblique outlet
- without spreader claws
- with LSA+ terminals

Cat.6_A iso, Class E_A, shielded according to ISO/IEC 11801 A2
Design to according to DIN IEC 60603-7-51
Protective screen according to DIN EN 55022, class B
Colour code A and B according to TIA/EIA-568-B.2

UAE

Design	Order no.	PU
FCC socket outlet 8pole shielded, cat.6A iso	**4586**	10



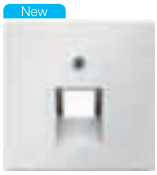
Centre plate for FCC socket outlet

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

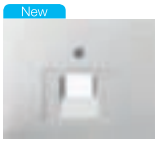
- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

Manufacturer product line	Art. No.
FCC socket outlets	
AMP	
Brand-Rex	
BTR	
Crack-IT	
Rutenbeck	
Telegärtner	
Telena	

New



New





New



Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1407 89 82**	10
polar white glossy		**1407 89 89**	10
polar white matt		**1407 19 09**	10
anthracite matt		**1407 16 06**	10
aluminium matt, lacquered		**1407 14 04**	10
Berker Q.1/Q.3			
polar white velvety		**1407 60 89**	10
anthracite velvety, lacquered	*	**1407 60 86**	10
Berker K.1/K.5			
polar white glossy		**1407 70 09**	10
anthracite matt, lacquered		**1407 70 06**	10
Aluminium, aluminium anodised	*	**1407 70 03**	10
Stainless steel, metal matt finish		**1407 70 04**	10
Berker Arsys			
white glossy		**1407 00 02**	10
polar white glossy		**1407 00 69**	10
brown glossy		**1407 00 01**	10
light bronze matt, aluminium lacquered		**1408 00 01**	10
Stainless steel, metal matt finish		**1408 00 04**	10
gold matt, aluminium anodised		**1408 00 02**	10
Berker R.1/R.3			
polar white glossy	*	**1407 20 89**	10
black glossy	*	**1407 20 45**	10



Central plate for FCC socket outlet

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the correspondingra nge.

- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- labelling field latchable
- with 45° oblique outlet

Manufacturer product line	Art. No.
FCC socket outlets	
AMP	
Brand-Rex	
BTR	
Rutenbeck	
Telegärtner	

Design	Order no.	PU
white glossy	**1468 02**	10
polar white glossy	**1468 09**	10
brown glossy	**1468 01**	10

UAE socket outlets 2gang



FCC socket outlet 2x8(4)pole, cat.3

913

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Insertion depth	22 mm

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- parallel contacted sockets
- with 45° oblique outlet
- with screw terminals

Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

UAE

Design	Order no.	PU
white	**4562**	10



FCC connection socket outlet 2x8(4)pole, cat.3

913

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Resistor	100 Ω
Conductor Ø	max. 1 mm
Insertion depth	22 mm

- as socket outlet for ISDN-So-Bus installations
- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- parallel contacted sockets
- for telephone installations as single box
- with 45° oblique outlet
- with screw terminals

Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

UAE

Design	Order no.	PU
white	# **4592**	10



FCC socket outlet 8/8pole, cat.3

913

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Conductor Ø	max. 1 mm
Insertion depth	22 mm

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

UAE

Design	Order no.	PU
white	**4539**	10



FCC socket outlet 8/8pole shielded, cat.5e

913

Rated voltage	72 V=
Rated current	0.75 A
Transmission bandwidth	max. 100 MHz
Transition resistance	< 20 mΩ
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- suitable for PoE+
- with screen contacting 360° and cable clamp
- flexible cable routing
- with 45° oblique outlet
- without spreader claws
- with LSA+ terminals

Colour code A and B according to TIA/EIA-568-B.2
Cat.5, class D, shielded according to ISO/IEC 11801
cat.5e according to TIA/EIA 568-B.2
Protective screen according to DIN EN 55022, class B
Design to according to DIN EN 60603-7-3

UAE

Design	Order no.	PU
FCC socket outlet 8/8pole shielded, cat.5e	**4555**	10



FCC socket outlet 8/8pole shielded, cat.6A iso

913

Rated voltage	72 V=
Rated current	0.5 A
Transmission bandwidth	max. 500 MHz
Transition resistance	< 20 mΩ
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

Colour code A and B according to TIA/EIA-568-B.2
Cat.6_A iso, Class E_A, shielded according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, class B
Design to according to DIN IEC 60603-7-51

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- cat.6_A iso, Class E_A, shielded
- for RJ11, RJ12 and RJ45 plugs
- suitable for PoE+
- with screen contacting 360° and cable clamp
- flexible cable routing
- with 45° oblique outlet
- without spreader claws
- with LSA+ terminals

UAE

Design	Order no.	PU
FCC socket outlet 8/8pole shielded, cat.6A iso	**4587**	10



Centre plate for FCC socket outlet 2gang

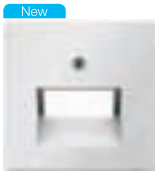
For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

Manufacturer product line — **Art. No.**
FCC socket outlets
AMP
Brand-Rex
BTR
CobiNet
Corning
Dätwyler
EFB Electronic
Elmat/Süveg (STL-Gruppe)
Komos
Leoni Kerpen
Rutenbeck
Setec
Telegärtner
ISDN socket outlets (Rutenbeck)
Telekom

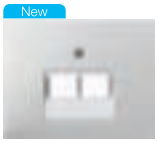
Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1409 89 82**	10
polar white glossy	**1409 89 89**	10
polar white matt	**1409 19 09**	10
anthracite matt	**1409 16 06**	10
aluminium matt, lacquered	**1409 14 04**	10

New



Berker Q.1/Q.3		
polar white velvety	**1409 60 89**	10
anthracite velvety, lacquered	* **1409 60 86**	10

New





Berker K.1/K.5		
polar white glossy	**1409 70 09**	10
anthracite matt, lacquered	**1409 70 06**	10
Aluminium, aluminium anodised	* **1409 70 03**	10
Stainless steel, metal matt finish	**1409 70 04**	10
Berker Arsys		
white glossy	**1409 00 02**	10
polar white glossy	**1409 00 69**	10
brown glossy	**1409 00 01**	10
light bronze matt, aluminium lacquered	**1410 00 01**	10
Stainless steel, metal matt finish	**1410 00 04**	10
gold matt, aluminium anodised	**1410 00 02**	10

New



Design	Order no.	PU
Berker R.1/R.3		
polar white glossy	* **1409 20 89**	10
black glossy	* **1409 20 45**	10



Central plate for FCC socket outlet 2gang

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- labelling field latchable
- with 45° oblique outlet

Manufacturer product line	**Art. No.**
FCC socket outlets	
AMP	
Brand-Rex	
BTR	
CobiNet	
Corning	
Dätwyler	
EFB Electronic	
Elmat/Süveg (STL-Gruppe)	
Komos	
Leoni Kerpen	
Rutenbeck	
Setec	
Telegärtner	
Telena	
ISDN socket outlets (Rutenbeck)	
Telekom	

Design	Order no.	PU
white glossy	**1469 02**	10
polar white glossy	**1469 09**	10
brown glossy	**1469 01**	10

Modular UAE socket outlets



Modular UAE socket outlet 8/8pole shielded, cat.6A iso

i 912

Rated voltage	72 V=
Rated current	0.5 A
Transmission bandwidth	max. 500 MHz
Signal contact resistance	< 20 mΩ
Shield contact resistance	100 mΩ
Copper conductor (solid) Ø	0.51 ... 0.64 (AWG 24-22) mm
Copper conductor (flexible) Ø	0.4 ... 0.53 (AWG 26) mm
Insertion depth	35 mm

- external eyelets on the supporting ring can be broken off for round designs
- die-cast zinc housing
- only suitable for RJ45 plugs
- suitable for PoE+
- with screen contacting 360° and cable clamp
- with straight outlet
- with optional dust protection hinged covers
- with IDC terminals
- without spreader claws

Cat.6_A iso, Class E_A, shielded according to ISO/IEC 11801 A2
Design to according to DIN IEC 60603-7-51
Protective screen according to DIN EN 55022, class B
Colour code A and B according to TIA/EIA-568-B.2

UAE

Design	Order no.	PU
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	**4588**	1



Modular UAE socket outlet 8/8pole unshielded, cat.6A iso

Rated voltage	72 V=
Rated current	0.5 A
Transmission bandwidth	max. 500 MHz
Signal contact resistance	< 200 mΩ
Copper conductor (solid) Ø	0.51 ... 0.64 mm
Copper conductor (flexible) Ø	0.4 ... 0.53 mm
Insertion depth	35 mm

- housing made of ABS
- only suitable for RJ45 plugs
- suitable for PoE+
- with straight outlet
- with optional dust protection hinged covers
- with IDC terminals
- without spreader claws

real.cat.6a according to DIN IEC 60603-7-51
Colour code A and B according to TIA/EIA-568-B.2

UAE

Design	Order no.	PU
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	**4584**	1



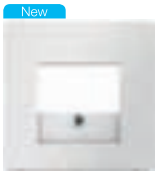
Centre plate with TAE cut-out

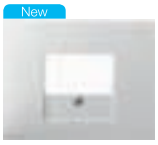
For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Manufacturer product line — **Art. No.**
FCC socket outlets
Dätwyler
Rutenbeck
TAE and FCC overvoltage protection sockets
Dehn
EAD socket outlets
Drivex
Fröhlich + Walter
Intracom

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1033 89 12**	10
polar white glossy		**1033 89 19**	10
polar white matt, with 2 knock out openings		**1033 19 09**	10
anthracite matt, with 2 knock out openings		**1033 16 06**	10
aluminium matt, lacquered, with 2 knock out openings		**1033 14 04**	10
Modul 2			
white glossy	#	**1033 02**	10
polar white glossy	#	**1033 09**	10
Berker Q.1/Q.3			
polar white velvety		**1033 60 89**	10
anthracite velvety, lacquered	*	**1033 60 86**	10
Berker K.1/K.5			
polar white glossy		**1035 70 09**	10
anthracite matt, lacquered		**1035 70 06**	10
Aluminium, aluminium anodised	*	**1035 70 03**	10
Stainless steel, metal matt finish		**1035 70 04**	10
Berker Arsys			
white glossy		**1035 01 02**	10
polar white glossy		**1035 01 69**	10
brown glossy		**1035 01 01**	10
light bronze matt, aluminium lacquered		**1034 00 01**	10
Stainless steel, metal matt finish		**1034 00 04**	10
gold matt, aluminium anodised		**1034 00 02**	10
Berker R.1/R.3			
polar white glossy	*	**1038 20 89**	10
black glossy	*	**1038 20 45**	10



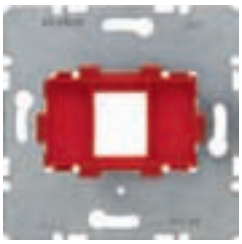
New


New




New


Installation of external modular jacks



Supporting plate with red mounting device 1gang for modular jack

Indexing dimension (W x H) ≈ 15.5 x 19.5 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector slider
- without spreader claws

Manufacturer product line	Art. No.
Modular jacks	
Abitana	
AMP	
Assmann	
Asyco	
Dätwyler	
Dr. Ing. Sieger	
EFB Electronic	
Erni	
Hubbell	
ICS	
Leoni Kerpen	
Nexans	
Premium Line Systems	
Radiall	
Rutenbeck	
Setec	
Telegärtner	
ZA-Tec	

Design	Order no.	PU
Supporting plate with red mounting device 1gang for modular jack	**4540 01**	10



Supporting plate with white mounting device 1gang for modular jack

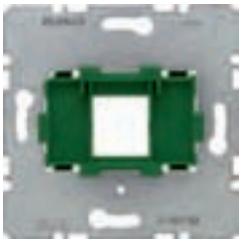
Indexing dimension (W x H) ≈ 14.9 x 20.7 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector slider
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- without spreader claws

Manufacturer product line	Art. No.
Modular jacks	
AMP	
Brand-Rex	
CobiNet	
EFB Electronic	

Design	Order no.	PU
Supporting plate with white mounting device 1gang for modular jack	**4540 02**	10



Supporting plate with green mounting device 1gang for modular jack

Indexing dimension (W x H) ≈ 17 x 18 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector slider
- for Commscope-Systimax Modular Jacks cat.5 and cat.6
- without spreader claws

Manufacturer product line		Art. No.
Modular jacks		
Commscope-Systimax: gigaSpeed		MGS300BH-... MGS400-... MGS500-...
	PowerSUM	MPS100E-...

Design	Order no.	PU
Supporting plate with green mounting device 1gang for modular jack	**4540 04**	10



Centre plate with dust protection slider

- Labelling field



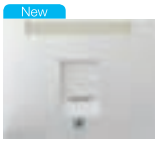
– for supporting plates with coloured mounting device, 1gang, order no. 4540 .., see COMMUNICATION/ MULTIMEDIA TECHNOLOGY

Design		Order no.	PU
Berker S.1/B.3/B.7			
polar white matt		**1170 19 09**	10
anthracite matt		**1170 16 06**	10
aluminium matt, lacquered		**1170 14 04**	10
Modul 2			
white glossy [1]	#	**1170 02**	10
polar white glossy [1]	#	**1170 09**	10
Berker Q.1/Q.3			
polar white velvety		**1170 60 89**	10
anthracite velvety, lacquered	*	**1170 60 86**	10
Berker K.1/K.5			
polar white glossy		**1170 70 09**	10
anthracite matt, lacquered		**1170 70 06**	10
aluminium matt, lacquered	*	**1170 70 03**	10
stainless steel matt, lacquered		**1170 70 04**	10
Berker R.1/R.3			
polar white glossy, without labelling field	*	**1170 20 89**	10
black glossy, without labelling field	*	**1170 20 45**	10





New

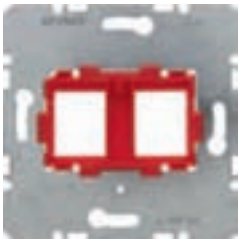


New



New

[1] labelling field height arranged for 9 mm P-touch strips



Supporting plate with red mounting device 2gang for modular jacks

Indexing dimension (W x H) ≈ 15.5 x 19.5 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

– for centre plate with dust protector sliders
– without spreader claws

Manufacturer product line	Art. No.
Modular jacks	
Abitana	
AMP	
Assmann	
Asyco	
Dätwyler	
Dr. Ing. Sieger	
EFB Electronic	
Erni	
Hubbell	
ICS	
Leoni Kerpen	
Nexans	
Premium Line Systems	
Radiall	
Rutenbeck	
Setec	
Telegärtner	
ZA-Tec	

Design	Order no.	PU
Supporting plate with red mounting device 2gang for modular jacks	**4541 01**	10



Supporting plate with white mounting device 2gang for modular jacks

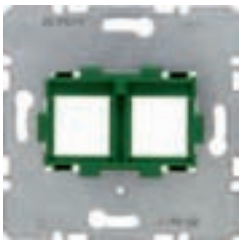
Indexing dimension (W x H) ≈ 14.9 x 20.7 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector sliders
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- without spreader claws

Manufacturer product line	Art. No.
Modular jacks	
AMP	
Brand-Rex	
CobiNet	
EFB Electronic	

Design	Order no.	PU
Supporting plate with white mounting device 2gang for modular jacks	**4541 05**	10



Supporting plate with green mounting device 2gang for modular jacks

Indexing dimension (W x H) ≈ 17 x 18 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector sliders
- for Commscope-Systimax Modular Jacks cat.5 and cat.6
- without spreader claws

Manufacturer product line	Art. No.
Modular jacks	
Commscope-Systimax: gigaSpeed	MGS300BH-... MGS400-... MGS500-...
PowerSUM	MPS100E-...

Design	Order no.	PU
Supporting plate with green mounting device 2gang for modular jacks	**4541 04**	10



Supporting plate with brown mounting device 2gang for modular jacks

Indexing dimension (W x H) ≈ 14.9 x 19.5 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector sliders
- for Krone modular jacks cat.5, cat.5e and cat.6
- without spreader claws

Manufacturer product line	Art. No.
Modular jacks	
Harting	
Krone	
Reichle&De-Massari	
Thomas & Betts	
Fibre-optic couplings	
3M	
Krone	
mvk	

Design	Order no.	PU
Supporting plate with brown mounting device 2gang for modular jacks	**4541 07**	10



Supporting plate with orange mounting device 2gang for modular jacks

Indexing dimension (W x H) ≈ 14.9 x 19.4 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector sliders
- without spreader claws

Manufacturer product line	Art. No.
Modular jacks	
BTR	
Dätwyler	

Design	Order no.	PU
Supporting plate with orange mounting device 2gang for modular jacks	**4541 09**	10



Centre plate with 2 dust protection sliders

- Labelling field



– for supporting plates with coloured mounting devices, 2gang, order no. 4541 .., see COMMUNICATION/ MULTIMEDIA TECHNOLOGY

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1181 89 82**	10
polar white glossy		**1181 89 89**	10
polar white matt		**1181 19 09**	10
anthracite matt		**1181 16 06**	10
aluminium matt, lacquered		**1181 14 04**	10
Modul 2			
white glossy [1]	#	**1181 02**	10
polar white glossy [1]	#	**1181 09**	10
Berker Q.1/Q.3			
polar white velvety		**1181 60 89**	10
anthracite velvety, lacquered	*	**1181 60 86**	10
Berker K.1/K.5			
polar white glossy		**1182 70 09**	10
anthracite matt, lacquered		**1182 70 06**	10
aluminium matt, lacquered	*	**1182 70 03**	10
stainless steel matt, lacquered		**1182 70 04**	10
Berker Arsys			
white glossy		**1182 00 02**	10
polar white glossy		**1182 00 69**	10
brown glossy		**1182 00 01**	10
light bronze matt, lacquered		**1182 90 11**	10
stainless steel matt, lacquered		**1182 90 04**	10
Berker R.1/R.3			
polar white glossy, without labelling field	*	**1181 20 89**	10
black glossy, without labelling field	*	**1181 20 45**	10



New

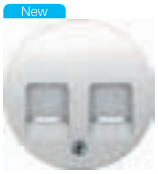


New





New



[1] labelling field height arranged for 9 mm P-touch strips



Central plate for 3 MINI-COM modules

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com 3.5 mm stereo connection/coupling modules
- for Mini-Com BNC connector modules
- for Mini-Com Cinch connection/coupling modules
- for Mini-Com D-Subminiature connectors 15pole
- for Mini-Com F-plug coupling modules
- for Mini-Com speaker wire/banana plug modules
- for Mini-Com HDMI™ module, double socket 1.3, type A
- for Mini-Com S-Video connection/coupling modules
- for Mini-Com USB modules, double socket type A, USB 2.0 compliant
- for Mini-Com dummy modules 1gang
- labelling field latchable
- with 30° oblique outlet
- without spreader claws

Suitable for	Order no.	Page
S-Video module	199 ..	572

Manufacturer product line **Art. No.**
Modules
Panduit

Design	Order no.	PU
white glossy	**1427 02**	10
polar white glossy	**1427 09**	10
polar white matt/velvety	**1427 19 09**	10
anthracite matt	**1427 16 06**	10
aluminium matt, lacquered	**1427 14 04**	10



Central plate for Reichle&De-Massari single modules

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for connecting modules RJ45 cat.5e and cat.6
- for fibre-optic modules
- labelling field latchable
- with 30° oblique outlet
- without spreader claws

Manufacturer product line **Art. No.**
Modules
Reichle&De-Massari

Design	Order no.	PU
white glossy	**1472 02**	10
polar white glossy	**1472 09**	10
polar white matt/velvety	**1472 19 09**	10
anthracite matt	**1472 16 06**	10
aluminium matt, lacquered	**1472 14 04**	10



Central plate for Reichle&De-Massari double module

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for connecting modules RJ45 cat.5e and cat.6
- for fibre-optic modules
- labelling field latchable
- with 30° oblique outlet
- without spreader claws

Manufacturer product line **Art. No.**
Modules
Reichle&De-Massari
Diamond

Design	Order no.	PU
white glossy	**1461 02**	10
polar white glossy	**1461 09**	10
polar white matt/velvety	**1461 19 09**	10



Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Shielded versions touch each other.

For detailed information on relevant articles of the listed manufacturers, please see Berker online catalogue.

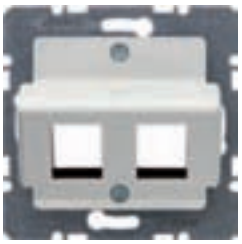
Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- for AMP fibre-optic couplings MT-RJ jacks
- labelling field latchable
- with 30° oblique outlet
- without spreader claws

Manufacturer product line **Art. No.**

SL series toolless jack with dust protection
AMP
Standard 110 Connect jack
AMP
MT-RJ jack
AMP
Intracom
Telena
SL series 110 Connect Jack
AMP
Modular jacks
CobiNet
EFB Electronic
Schumann
SL series toolless jack
AMP

Design	Order no.	PU
white glossy	**1463 02**	10
polar white glossy	**1463 09**	10
polar white matt/velvety	**1463 19 09**	10
anthracite matt	**1463 16 06**	10
aluminium matt, lacquered	**1463 14 04**	10



Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

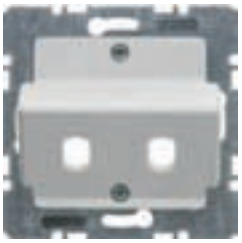
- with supporting plate
- for Krone modular jacks cat.5, cat.5e and cat.6
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- with 30° oblique outlet
- without spreader claws

Manufacturer product line **Art. No.**

Modular jacks
3M
Assmann
Asyco
Dätwyler
Erni
Harting
Hubbell
ICS
Krone
Leoni Kerpen
Nexans
Premium Line Systems
Setec
Telegärtner
Thomas & Betts

Design	Order no.	PU
white glossy	**1464 02**	10
polar white glossy	**1464 09**	10
polar white matt/velvety	**1464 19 09**	10
anthracite matt	**1464 16 06**	10
aluminium matt, lacquered	**1464 14 04**	10

Mounting device for fibre-optic couplings



Central plate for fibre-optic couplings Simplex ST

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for 2 fibre-optic couplings
- with 30° oblique outlet
- without spreader claws

Manufacturer product line — **Art. No.**

Fibre-optic couplings
Ackermann
AMP
Brand-Rex
BTR
CobiNet
Corning
Diamond
Drahtex
Huber+Suhner
Quante
Telegärtner

Design	Order no.	PU
white glossy, 2gang	**1492 02**	10
polar white glossy, 2gang	**1492 09**	10
polar white matt/velvety, 2gang	**1492 19 09**	10



Central plate for fibre-optic couplings Duplex SC

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- for 1 or 2 fibre-optic couplings
- with 30° oblique outlet
- 1 knock out opening
- without spreader claws

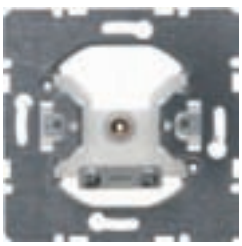
Manufacturer product line — **Art. No.**

Fibre-optic couplings
Ackermann
AMP
Brand-Rex
BTR
CobiNet
Corning
Diamond
Drahtex
FiberCraft
Huber+Suhner
Krone
Quante
Telegärtner

Design	Order no.	PU
white glossy	**1480 02**	10
polar white glossy	**1480 09**	10
polar white matt/velvety	**1480 19 09**	10

Supplementary products

Cable outlets



Cable outlet

- with strain relief
- for lines dia. max. 9 mm
- without terminal block

Design	Order no.	PU
Cable outlet	**4470**	10



Cable outlet with low installation depth

- with strain relief
- for lines dia. max. 9 mm
- space-saving for relays, etc.
- without terminal block

Design	Order no.	PU
Cable outlet with low installation depth	**4468**	10



Centre plate for cable outlet

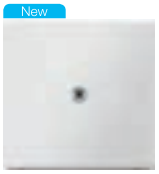
- with an outlet below

Design	Order no.	PU
Manufacturer product line		**Art. No.**
VDo connector boxes		
Komos		
Rutenbeck		
Telena		
Berker S.1/B.3/B.7		
white glossy	**1019 89 82**	10
polar white glossy	**1019 89 89**	10
polar white matt	**1019 19 09**	10
anthracite matt	**1019 16 06**	10
aluminium matt, lacquered	**1019 14 04**	10



Modul 2		
white glossy	# **1019 02**	10
polar white glossy	# **1019 09**	10

New



Berker Q.1/Q.3		
polar white velvety	**1019 60 89**	10
anthracite velvety, lacquered	* **1019 60 86**	10

New



Berker K.1/K.5		
polar white glossy	**1005 70 09**	10
anthracite matt, lacquered	**1005 70 06**	10
aluminium matt, lacquered	* **1005 70 03**	10
stainless steel matt, lacquered	**1005 70 04**	10



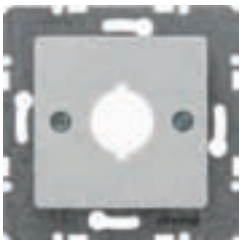
Berker Arsys		
white glossy	**1005 00 02**	10
polar white glossy	**1005 00 69**	10
brown glossy	**1005 00 01**	10
light bronze matt, lacquered	**1004 90 11**	10
stainless steel matt, lacquered	**1004 90 04**	10

New



Berker R.1/R.3		
polar white glossy	* **1019 20 89**	10
black glossy	* **1019 20 45**	10

Covers of external circular plug-in connectors



Central plate with installation opening Ø 18.8 mm

Screw spacing 36 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- with cut-out dia. 18.8 mm
- labelling field latchable
- without spreader claws

Suitable for optional	Order no.	Page
Built-in socket for floating output	4604	671

Manufacturer product line — **Art. No.**

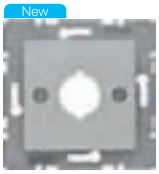
Circular plug-in connector
Amphenol-Tuchel
Binder
Cannon
Farnell
Hirose
Hirschmann
Lumberg
Monacor
RS Components

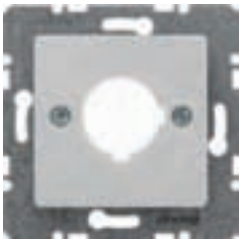
Signalling and command units
Lumitas
Schlegel

Extra low voltage jack
PRO-CAR

Design	Order no.	PU
Berker S.1/B.3/B.7, Modul 2, Q.1/Q.3, K.1/K.5 - Stainless Steel, Arsys		
white glossy	**1431 02**	10
polar white glossy	**1431 09**	10
polar white matt/velvety	**1431 19 09**	10
anthracite matt	**1431 16 06**	10
aluminium matt, lacquered	**1431 14 04**	10
stainless steel matt, lacquered	**1431 04**	10
Berker K.5 - Aluminium		
aluminium matt, lacquered	* **1431 70 03**	10

New





Central plate with installation opening Ø 22.5 mm

Screw spacing 36 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Installation aperture according to IEC 60947-5-1

- with supporting plate
- with cut-out dia. 22.5 mm
- labelling field latchable
- without spreader claws

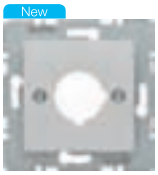
Manufacturer product line — **Art. No.**

Signalling and command units
Kraus-Naimer
Lumitas
Schlegel

Overvoltage protection devices
Dehn
OBO-Bettermann

Design	Order no.	PU
Berker S.1/B.3/B.7, Modul 2, Q.1/Q.3, K.1/K.5 - Stainless Steel, Arsys		
white glossy	**1432 02**	10
polar white glossy	**1432 09**	10
polar white matt/velvety	**1432 19 09**	10
yellow glossy	**1432 07**	10
aluminium matt, lacquered	**1432 14 04**	10
anthracite matt	**1432 16 06**	10
stainless steel matt, lacquered	**1432 04**	10

New



Berker K.5 - Aluminium

aluminium matt, lacquered	*	**1432 70 03**	10

New



Berker R.1/R.3

polar white glossy	*	**1432 20 89**	10
black glossy	*	**1432 20 45**	10
yellow glossy	*	**1432 20 06**	10

USB charging socket outlets



230 V USB charging socket outlet

- Screw terminals

Input voltage	100 ... 240 V~
Frequency	50/60 Hz
Output voltage	5 V= (± 5 %)
Output current per socket	max. 1 A
Output current when operating both sockets	max. 1.4 A
Power consumption (standby)	75 mW
Conductor cross-section (rigid)	max. 2.5 mm²
Insertion depth	32 mm

- for charging mobile end devices via USB cable
- with 2 USB sockets type A
- short-circuit and overload proof (electronic fuse)
- with screw terminals (double for wiring through)

No data transmission possible!
USB connections according to DIN EN 50558

Suitable for	Order no.	Page
Centre plate with TAE cut-out		page 173

Design	Order no.	PU
polar white matt	**2600 09**	1
anthracite matt	**2600 05**	1

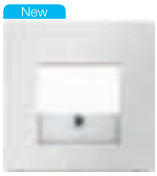


Centre plate with TAE cut-out

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1033 89 12**	10
polar white glossy		**1033 89 19**	10
polar white matt, with 2 knock out openings		**1033 19 09**	10
anthracite matt, with 2 knock out openings		**1033 16 06**	10
aluminium matt, lacquered, with 2 knock out openings		**1033 14 04**	10
Modul 2			
white glossy	#	**1033 02**	10
polar white glossy	#	**1033 09**	10



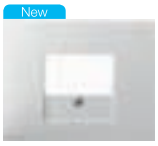
New



Berker Q.1/Q.3

polar white velvety		**1033 60 89**	10
anthracite velvety, lacquered	*	**1033 60 86**	10

New



Berker K.1/K.5

polar white glossy		**1035 70 09**	10
anthracite matt, lacquered		**1035 70 06**	10
Aluminium, aluminium anodised	*	**1035 70 03**	10
Stainless steel, metal matt finish		**1035 70 04**	10



Design	Order no.	PU
Berker Arsys		
white glossy	**1035 01 02**	10
polar white glossy	**1035 01 69**	10
brown glossy	**1035 01 01**	10
light bronze matt, aluminium lacquered	**1034 00 01**	10
Stainless steel, metal matt finish	**1034 00 04**	10
gold matt, aluminium anodised	**1034 00 02**	10
Berker R.1/R.3		
polar white glossy	* **1038 20 89**	10
black glossy	* **1038 20 45**	10

New



Multimedia

Audio socket outlets



Loudspeaker connection box

i 853

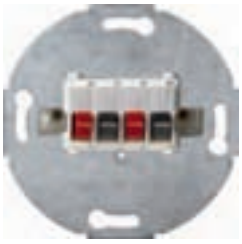
Rated voltage 60 V=
Conductor cross-section max. 10 mm²

– with plug-in terminals (on backside with screw terminals)

Suitable for Centre plate with TAE cut-out — **Order no.** — **Page** page 174 page



Design	Order no.	PU
polar white matt	**4572 09**	10
anthracite matt	**4572 05**	10



Stereo loudspeaker connection box

i 853

Rated voltage 60 V=
Conductor cross-section max. 10 mm²

– with plug-in terminals (on backside with screw terminals)

Suitable for Centre plate with TAE cut-out — **Order no.** — **Page** page 174 page



Design	Order no.	PU
polar white matt	**4573 09**	10
anthracite matt	**4573 05**	10

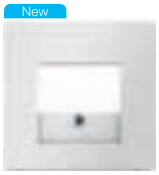


Centre plate with TAE cut-out

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1033 89 12**	10
polar white glossy	**1033 89 19**	10
polar white matt, with 2 knock out openings	**1033 19 09**	10
anthracite matt, with 2 knock out openings	**1033 16 06**	10
aluminium matt, lacquered, with 2 knock out openings	**1033 14 04**	10
Modul 2		
white glossy	# **1033 02**	10
polar white glossy	# **1033 09**	10

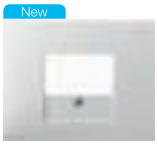


New



Berker Q.1/Q.3		
polar white velvety	**1033 60 89**	10
anthracite velvety, lacquered	* **1033 60 86**	10

New

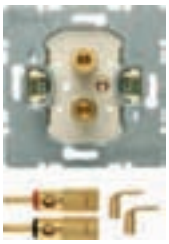




Design		Order no.	PU
Berker K.1/K.5			
polar white glossy		**1035 70 09**	10
anthracite matt, lacquered		**1035 70 06**	10
Aluminium, aluminium anodised	*	**1035 70 03**	10
Stainless steel, metal matt finish		**1035 70 04**	10
Berker Arsys			
white glossy		**1035 01 02**	10
polar white glossy		**1035 01 69**	10
brown glossy		**1035 01 01**	10
light bronze matt, aluminium lacquered		**1034 00 01**	10
Stainless steel, metal matt finish		**1034 00 04**	10
gold matt, aluminium anodised		**1034 00 02**	10
Berker R.1/R.3			
polar white glossy	*	**1038 20 89**	10
black glossy	*	**1038 20 45**	10

New





Loudspeaker socket outlet High End

i 853

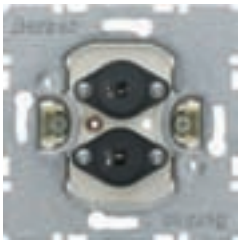
Clamp transition resistance	< 0.1 mΩ
Connect transition resistance	< 0.15 mΩ
Conductor cross-section	max. 10 mm²
Insertion depth	31 mm

- banana sockets also suitable for screw connection
- with 2 metal banana sockets, gold-plated design
- with 2 metal banana plugs, gold-plated design
- with 2 metal cable lugs, gold-plated design

Recommendation: use deep box for larger cross-sections.

Jack and plug with red or black identification ring, as well as a plug connection are suitable for protection low voltage.

Design	Order no.	PU
Loudspeaker socket outlet High End	**4505 02**	10



Stereo loudspeaker socket outlet

i 853

Conductor cross-section	max. 2.5 mm²

- with 2 integral speaker sockets
- with screw terminals

For only 1 loudspeaker socket, use miniature connector insert order no. 4505 and loudspeaker socket order no. 1800.

DIN EN 60130-9

Design	Order no.	PU
Stereo loudspeaker socket outlet	**4505 01**	10



Loudspeaker socket

i 853

Conductor cross-section	max. 2.5 mm²

- for miniature connector insert
- with screw terminals

DIN EN 60130-9

Design	Order no.	PU
black	**1800**	10



Entry for small connector

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

For flange cover with 22.2 mm hole pitch to according to DIN 41529

- for 1 or 2 connectors
- for diode plug-in devices
- for miniature plug-in devices
- for loudspeaker sockets

Manufacturer product line	Art. No.
Circular plug-in connector	
Cannon	
Conrad Electronic	
Dr. Ing. Sieger	
Farnell	
Hirschmann	
Lumberg	
Monacor	
RS Components	

Design	Order no.	PU
Entry for small connector	**4505**	10



Centre plate for loudspeaker socket outlet

- 1 knock out opening

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1196 89 82**	10
polar white glossy	**1196 89 89**	10
polar white matt	**1196 19 09**	10
anthracite matt	**1196 16 06**	10
aluminium matt, lacquered	**1196 14 04**	10



Modul 2		
white glossy	# **1196 02**	10
polar white glossy	# **1196 09**	10

New



Berker Q.1/Q.3		
polar white velvety	**1196 60 89**	10
anthracite velvety, lacquered	* **1196 60 86**	10

New



Berker K.1/K.5		
polar white glossy	**1184 70 09**	10
anthracite matt, lacquered	**1184 70 06**	10
Aluminium, aluminium anodised	* **1184 70 03**	10
Stainless steel, metal matt finish	**1184 70 04**	10



Berker Arsys		
light bronze matt, aluminium lacquered	**1184 00 01**	10
Stainless steel, metal matt finish	**1184 00 04**	10
gold matt, aluminium anodised	**1184 00 02**	10

New



Berker R.1/R.3		
polar white glossy	* **1196 20 89**	10
black glossy	* **1196 20 45**	10



Centre plate for loudspeaker socket outlet

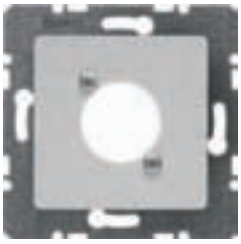
- Labelling field

– 1 knock out opening

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
Berker Arsys		
white glossy	**1185 00 02**	10
polar white glossy	**1185 00 69**	10
brown glossy	**1185 00 01**	10

Covers of external audio sockets



Central plate for XLR D-series connector

Cut-out Ø 23.6 mm
Screw spacing (horizontal/vertical) 19/24 mm

– with supporting plate
– speakon and jack connector
– labelling field latchable
– without spreader claws

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Manufacturer product line **Art. No.**
Circular plug-in connector
Cannon
Deltron
Farnell
Hirose
Monacor
Neutrik
RS Components

Design	Order no.	PU
white glossy	**1412 02**	10
polar white glossy	**1412 09**	10
polar white matt/velvety	**1412 19 09**	10
anthracite matt	**1412 16 06**	10

Video socket outlets



VGA socket outlet

i 912

Frequency range video max. 160 MHz
Resolution max. 1280 x 1024 px

– S-VGA compatible
– with 15pole D-subminiature double jack
– without spreader claws

For connecting PCs, notebooks, etc. to display devices such as monitors (including LCD monitors) and projectors.

Fränkische: “Multimedia-Rohr” for laying pre-assembled connection cable, Art. No. 294.10.092.

Installation recommendation:
Kaiser: “Electronic-Dose” for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74.

Comply with the instructions of the cable and device manufacturers as to the maximum VGA cable length.

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**33 1540 89 82**	10
polar white glossy	**33 1540 89 89**	10
polar white matt	**33 1540 19 09**	10
anthracite matt	**33 1540 16 06**	10
aluminium matt, lacquered	**33 1540 14 04**	10
Modul 2		
white glossy	# **3315 40 02**	10
polar white glossy	# **3315 40 09**	10

VGA



New



Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**33 1540 60 89**	10
anthracite velvety, lacquered	* **33 1540 60 86**	10

New



Berker K.1/K.5		
polar white glossy	**33 1540 70 09**	10
anthracite matt, lacquered	**33 1540 70 06**	10
aluminium matt, lacquered	* **33 1540 70 03**	10
stainless steel matt, lacquered	**33 1540 70 04**	10



Berker Arsys		
white glossy	**33 1540 00 02**	10
polar white glossy	**33 1540 00 69**	10
light bronze matt, lacquered	**33 1540 90 11**	10
stainless steel matt, lacquered	**33 1540 90 04**	10

New



Berker R.1/R.3		
VGA socket outlet, polar white glossy	* **33 1540 20 89**	10
VGA socket outlet, black glossy	* **33 1540 20 45**	10



VGA socket outlet

i **912**

- Screw-in lift terminals



Frequency range video	max. 160 MHz
Resolution	max. 1280 x 1024 px
Conductor cross-section	max. 1.5 mm²

- S-VGA compatible
- with 15pole D-subminiature jack (front)
- without spreader claws
- with screw-in lift terminals for connection to 15-core VGA cable

For connecting PCs, notebooks, etc. to display devices such as monitors (including LCD monitors) and projectors.

Fränkische: “Multimedia-Rohr” for laying pre-assembled connection cable, Art. No. 294.10.092.

Installation recommendation:
Kaiser: “Electronic-Dose” for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74.

Comply with the instructions of the cable and device manufacturers as to the maximum VGA cable length.



Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**33 1541 89 82**	10
polar white glossy	**33 1541 89 89**	10
polar white matt	**33 1541 19 09**	10
anthracite matt	**33 1541 16 06**	10
aluminium matt, lacquered	**33 1541 14 04**	10



Modul 2		
white glossy	# **3315 41 02**	10
polar white glossy	# **3315 41 09**	10

New



Berker Q.1/Q.3		
polar white velvety	**33 1541 60 89**	10
anthracite velvety, lacquered	* **33 1541 60 86**	10

New





New



Design	Order no.	PU
Berker K.1/K.5		
polar white glossy	**33 1541 70 09**	10
anthracite matt, lacquered	**33 1541 70 06**	10
aluminium matt, lacquered	* **33 1541 70 03**	10
stainless steel matt, lacquered	**33 1541 70 04**	10
Berker Arsys		
white glossy	**33 1541 00 02**	10
polar white glossy	**33 1541 00 69**	10
light bronze matt, lacquered	**33 1541 90 11**	10
stainless steel matt, lacquered	**33 1541 90 04**	10
Berker R.1/R.3		
polar white glossy	* **33 1541 20 89**	10
black glossy	* **33 1541 20 45**	10

Multimedia sockets



3 x Cinch/S-Video socket outlet

i 915

Frequency range audio 20 ... 20000 Hz
Frequency range video max. 160 MHz

Fränkische: “Multimedia-Rohr” for laying pre-assembled connection cable, Art. No. 294.10.092.

for connecting analogue audio and video devices such as receivers, hi-fi systems and DVD players.

Installation recommendation:
Kaiser: “Electronic-Dose” for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74.

- gold-plated contacts
- without spreader claws
- 1 cinch double jack for video connection (yellow)
- 2 cinch double jacks for audio connection (red, white)
- S-Video double jack

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**33 1532 89 82**	10
polar white glossy	**33 1532 89 89**	10
polar white matt	**33 1532 19 09**	10
anthracite matt	**33 1532 16 06**	10
aluminium matt, lacquered	**33 1532 14 04**	10
Modul 2		
white glossy	# **3315 32 02**	10
polar white glossy	# **3315 32 09**	10

S-Video
CINCH

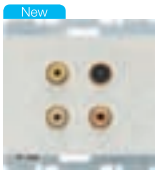


New



Berker Q.1/Q.3		
polar white velvety	**33 1532 60 89**	10
anthracite velvety, lacquered	* **33 1532 60 86**	10

New





Berker K.1/K.5		
polar white glossy	**33 1532 70 09**	10
anthracite matt, lacquered	**33 1532 70 06**	10
aluminium matt, lacquered	* **33 1532 70 03**	10
stainless steel matt, lacquered	**33 1532 70 04**	10
Berker Arsys		
white glossy	**33 1532 00 02**	10
polar white glossy	**33 1532 00 69**	10
light bronze matt, lacquered	**33 1532 90 11**	10
stainless steel matt, lacquered	**33 1532 90 04**	10

New



Design	Order no.	PU
Berker R.1/R.3		
polar white glossy	* **33 1532 20 89**	10
black glossy	* **33 1532 20 45**	10



High definition socket outlet i 915

Frequency range (vertical)	50 ... 85 Hz
Video bandwidth	max. 165 MHz
Resolution	max. 1920 x 1080 px
Transmission rate	max. 8.16 Gbit/s

- gold-plated contacts
- without spreader claws
- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)

Fränkische: “Multimedia-Rohr” for laying pre-assembled connection cable, Art. No. 294.10.092.

For the connection of digital devices for transmission of high-resolution audio and video signals, such as satellite receivers and DVD players, to LCD or plasma screens.

Installation recommendation:
Kaiser: “Electronic-Dose” for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74.

Comply with the instructions of the cable and device manufacturers as to the maximum HDMI cable length.

HDMI



Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**33 1542 89 82**	10
polar white glossy	**33 1542 89 89**	10
polar white matt	**33 1542 19 09**	10
anthracite matt	**33 1542 16 06**	10
aluminium matt, lacquered	**33 1542 14 04**	10
Modul 2		
white glossy	# **3315 42 02**	10
polar white glossy	# **3315 42 09**	10

New



Berker Q.1/Q.3		
polar white velvety	**33 1542 60 89**	10
anthracite velvety, lacquered	* **33 1542 60 86**	10

New

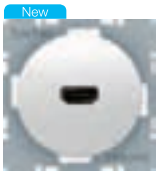


Berker K.1/K.5		
polar white glossy	**33 1542 70 09**	10
anthracite matt, lacquered	**33 1542 70 06**	10
aluminium matt, lacquered	* **33 1542 70 03**	10
stainless steel matt, lacquered	**33 1542 70 04**	10



Berker Arsys		
white glossy	**33 1542 00 02**	10
polar white glossy	**33 1542 00 69**	10
light bronze matt, lacquered	**33 1542 90 11**	10
stainless steel matt, lacquered	**33 1542 90 04**	10

New



Berker R.1/R.3		
High definition socket outlet, polar white glossy	* **33 1542 20 89**	10
High definition socket outlet, black glossy	* **33 1542 20 45**	10



High definition socket outlet with 90° plug connection

915

Frequency range (vertical)	50 ... 85 Hz
Video bandwidth	max. 165 MHz
Resolution	max. 1920 x 1080 px
Transmission rate	max. 8.16 Gbit/s

- gold-plated contacts
- without spreader claws
- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)

Fränkische: “Multimedia-Rohr” for laying pre-assembled connection cable, Art. No. 294.10.092.

For the connection of digital devices for transmission of high-resolution audio and video signals, such as satellite receivers and DVD players, to LCD or plasma screens.

Installation recommendation:
Kaiser: “Electronic-Dose” for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74.

Comply with the instructions of the cable and device manufacturers as to the maximum HDMI cable length.

HDMI



New

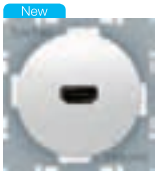


New





New



Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**33 1543 89 82**	10
polar white glossy		**33 1543 89 89**	10
polar white matt		**33 1543 19 09**	10
anthracite matt		**33 1543 16 06**	10
aluminium matt, lacquered		**33 1543 14 04**	10
Modul 2			
white glossy	#	**3315 43 02**	10
polar white glossy	#	**3315 43 09**	10
Berker Q.1/Q.3			
polar white velvety		**33 1543 60 89**	10
anthracite velvety, lacquered	*	**33 1543 60 86**	10
Berker K.1/K.5			
polar white glossy		**33 1543 70 09**	10
anthracite matt, lacquered		**33 1543 70 06**	10
aluminium matt, lacquered	*	**33 1543 70 03**	10
stainless steel matt, lacquered		**33 1543 70 04**	10
Berker Arsys			
white glossy		**33 1543 00 02**	10
polar white glossy		**33 1543 00 69**	10
light bronze matt, lacquered		**33 1543 90 11**	10
stainless steel matt, lacquered		**33 1543 90 04**	10
Berker R.1/R.3			
polar white glossy	*	**33 1543 20 89**	10
black glossy	*	**33 1543 20 45**	10



USB/3.5 mm audio socket outlet

i 915

Frequency range audio	20 ... 20000 Hz
USB transmission rate	max. 480 Mbit/s

- without spreader claws
- double jack gold-plated 3.5 mm, stereo
- USB double jack type A, USB 2.0 capable

Fränkische: “Multimedia-Rohr” for laying pre-assembled connection cable, Art. No. 294.10.092.

For connecting mobile devices, such as mobile phones or MP3 players (mini audio), digital cameras and computer peripherals (USB 2.0).

Installation recommendation:
Kaiser: “Electronic-Dose” for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74.

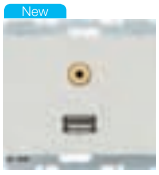
Comply with the instructions of the cable and device manufacturers as to the maximum USB cable length.





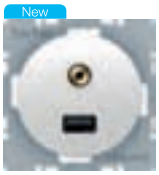


New



New





New

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**33 1539 89 82**	10
polar white glossy	**33 1539 89 89**	10
polar white matt	**33 1539 19 09**	10
anthracite matt	**33 1539 16 06**	10
aluminium matt, lacquered	**33 1539 14 04**	10
Modul 2		
white glossy	# **3315 39 02**	10
polar white glossy	# **3315 39 09**	10
Berker Q.1/Q.3		
polar white velvety	**33 1539 60 89**	10
anthracite velvety, lacquered	* **33 1539 60 86**	10
Berker K.1/K.5		
polar white glossy	**33 1539 70 09**	10
anthracite matt, lacquered	**33 1539 70 06**	10
aluminium matt, lacquered	* **33 1539 70 03**	10
stainless steel matt, lacquered	**33 1539 70 04**	10
Berker Arsys		
white glossy	**33 1539 00 02**	10
polar white glossy	**33 1539 00 69**	10
light bronze matt, lacquered	**33 1539 90 11**	10
stainless steel matt, lacquered	**33 1539 90 04**	10
Berker R.1/R.3		
polar white glossy	* **33 1539 20 89**	10
black glossy	* **33 1539 20 45**	10

Consumer electronics

Radios



Berker Radio Touch

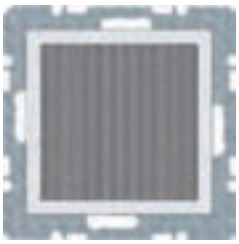
- Loudspeaker

Operating voltage	230 V~
Frequency	50/60 Hz
Frequency range	87.5 ... 108 MHz
For loudspeakers	per channel 4 ... 8 Ω
Conductor cross-section	max. 2.5 mm²
Dimensions of display (W x H)	35 x 28 mm
Insertion depth	33 mm

- stereo FM radio with RDS display
- with one loudspeaker
- illuminated touch graphics display
- time and date display
- operation via sensor areas of the touch display
- manual and automatic station search
- 8 station memory, non-volatile
- switch-on with last station
- countdown
- volume control
- sleep timer
- alarm clock
- external audio input, e.g. for MP3 player or docking station
- extension unit input for separate on/off switching
- single and combination installation
- with screw terminals

Suitable for optional	Order no.	Page
Loudspeaker		page 183
Docking stations		page 184

Design		Order no.	PU
Berker S.1/B.3/B.7			
polar white glossy		**2880 89 89**	1
polar white matt		**2880 99 09**	1
stainless steel matt, lacquered		**2880 89 16**	1
Modul 2			
polar white glossy	#	**2880 09**	1
Berker Q.1/Q.3			
polar white velvety		**2880 60 89**	1
Berker K.1/K.5			
polar white glossy		**2880 70 09**	1
aluminium matt, lacquered	*	**2880 70 03**	1
stainless steel matt, lacquered		**2880 70 04**	1
Berker Arsys			
polar white glossy		**2880 00 69**	1
stainless steel matt, lacquered		**2880 00 04**	1



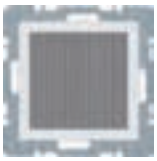
Loudspeaker

Impedance	8 Ω
Nominal/music power handling	4/8 W
Frequency response (-3 dB)	170 ... 20000 Hz
Conductor cross-section (flexible)	0.75 mm²
Pre-assembled cable	≈ 0.3 m
Insertion depth	22.5 mm

- without spreader claws
- confectioned, with 2-core, double-insulated, flexible cable

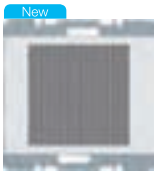
Suitable for	Order no.	Page
Radios		page 183
Docking stations		page 184

Design		Order no.	PU
Berker S.1/B.3/B.7			
polar white glossy		**2882 89 89**	1
polar white matt		**2882 99 09**	1
stainless steel matt, lacquered		**2882 89 16**	1
Modul 2			
polar white glossy	#	**2882 09**	1



Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**2882 60 89**	1

New



Berker K.1/K.5		
polar white glossy	**2882 70 09**	1
aluminium matt, lacquered	* **2882 70 03**	1
stainless steel matt, lacquered	**2882 70 04**	1



Berker Arsys		
polar white glossy	**2882 00 69**	1
stainless steel matt, lacquered	**2882 00 04**	1

Docking stations



Docking station

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	max. 3.5 V
Number of loudspeakers (4 Ω)	1
Number of loudspeakers (8 Ω)	2
Number of loudspeakers (20 Ω)	5
Insertion depth	36 mm

- with 30pole plug connector for iPod and iPhone*
- buttons for volume control
- storage battery charging function for iPod and iPhone*
- AUX input mini stereo jack for audio source (line or headphones output), e.g. MP3 player
- stereo Line-Out for connection to the radio touch
- without spreader claws
- with screw terminals

* iPod and iPhone are registered trademarks of Apple Inc.

Similar to illustration

Suitable for	Order no.	Page
Radios		page 183
Loudspeaker		page 183

Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white glossy	**2883 89 89**	1
polar white matt	**2883 99 09**	1
stainless steel matt, lacquered	**2883 89 16**	1
Modul 2		
polar white glossy	# **2883 09**	1



Berker Q.1/Q.3		
polar white velvety	**2883 60 89**	1

New



Berker K.1/K.5		
polar white glossy	**2883 70 09**	1
aluminium matt, lacquered	* **2883 70 03**	1
stainless steel matt, lacquered	**2883 70 04**	1



Berker Arsys		
polar white glossy	**2883 00 69**	1
stainless steel matt, lacquered	**2883 00 14**	1

Communication/
Multimedia
technology

Berker S.1/B.3/B.7

Variety was never easier to obtain. You can combine all the rockers, central inserts and frames of the switch programmes S.1, B.3 and B.7 however you desire. We'll be showing you the whole range of options on the following pages. Have fun selecting and combining!

- Reduced stockholding due to use of rockers and central inserts from the S.1, B.3, B.7 design lines



Covers / Central inserts

Plastic, matt	
polar white	similar to RAL 9010
anthracite	similar to RAL 7021
aluminium, lacquered	similar to RAL 9006
red	similar to RAL 3003
green	similar to RAL 6029
orange	similar to RAL 2003
yellow	similar to RAL 1004

Plastic, glossy	
white	similar to RAL 1013
polar white	similar to RAL 9010
red	similar to RAL 3003
green	similar to RAL 6029
orange	similar to RAL 2003
yellow	similar to RAL 1004

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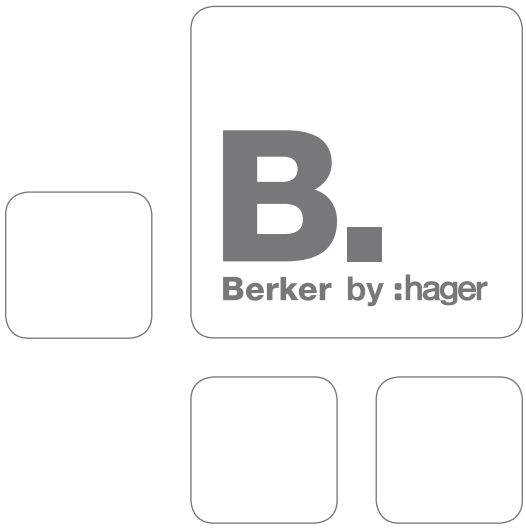


SCHUKO socket outlets

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

SCHUKO socket outlets



SCHUKO socket outlet i 853

Rated voltage 250 V~
Rated current 16 A

– with plug-in terminals

Design	Order no.	PU
white glossy	**4743 89 82**	10
polar white glossy	**4743 89 89**	10
polar white matt	**4743 19 09**	10
anthracite matt	**4743 16 06**	10
aluminium matt, lacquered	**4743 14 04**	10



SCHUKO socket outlet i 853

- enhanced contact protection

– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white glossy	**4723 89 82**	10
polar white glossy	**4723 89 89**	10
polar white matt	**4723 19 09**	10
anthracite matt	**4723 16 06**	10
aluminium matt, lacquered	**4723 14 04**	10



SCHUKO socket outlet i 853

- Screw-in lift terminals

– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white glossy	**4143 89 82**	10
polar white glossy	**4143 89 89**	10
polar white matt	**4143 19 09**	10
anthracite matt	**4143 16 06**	10
aluminium matt, lacquered	**4143 14 04**	10



SCHUKO socket outlet i 853

- enhanced contact protection
- Screw-in lift terminals

– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white glossy	**4123 89 82**	10
polar white glossy	**4123 89 89**	10
polar white matt	**4123 19 09**	10
anthracite matt	**4123 16 06**	10
aluminium matt, lacquered	**4123 14 04**	10



SCHUKO socket outlet i 853

- Labelling field

– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	**4750 89 82**	10
polar white glossy	**4750 89 89**	10
polar white matt	**4750 19 09**	10
anthracite matt	**4750 16 06**	10
aluminium matt, lacquered	**4750 14 04**	10



SCHUKO socket outlet i 853

- Labelling field
- enhanced contact protection

– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	**4749 89 82**	10
polar white glossy	**4749 89 89**	10
polar white matt	**4749 19 09**	10
anthracite matt	**4749 16 06**	10
aluminium matt, lacquered	**4749 14 04**	10



SCHUKO socket outlet i 853

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	**4149 89 82**	10
polar white glossy	**4149 89 89**	10
polar white matt	**4149 19 09**	10
anthracite matt	**4149 16 06**	10
aluminium matt, lacquered	**4149 14 04**	10



SCHUKO socket outlet 45° i 853

Rated voltage 250 V~
Rated current 16 A

– for diagonal installation
– with plug-in terminals

Specially suited to combinations of several socket outlets if right angle plugs are used.

Design	Order no.	PU
white glossy	**4727 89 82**	10
polar white glossy	**4727 89 89**	10
polar white matt	**4727 19 09**	10
anthracite matt	**4727 16 06**	10
aluminium matt, lacquered	**4727 14 04**	10

New



SCHUKO socket outlet with LED orientation light

i 853

- enhanced contact protection
- Screw-in lift terminals



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Conductor cross-section (rigid)	max. 2.5 mm²

– additional benefit by combination of a socket outlet with an orientation light
– integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
– through-wiring possible, therefore also ideal for retrofitting
– long service life of the LED
– white LED light
– with screw-in lift terminals

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

Design	Order no.	PU
white glossy	* **4109 89 82**	10
polar white glossy	* **4109 89 89**	10
polar white matt	* **4109 19 09**	10
anthracite matt, lacquered	* **4109 16 06**	10
aluminium matt, lacquered	* **4109 14 04**	10





SCHUKO socket outlet with control LED

i 853

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

– with screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	**4110 89 82**	10
polar white glossy	**4110 89 89**	10
polar white matt	**4110 19 09**	10



New



SCHUKO socket outlet with cover plate

i 853

Rated voltage	250 V~
Rated current	16 A

– with plug-in terminals

Design	Order no.	PU
Berker S.1		
white glossy	**4742 89 82**	10
polar white glossy	**4742 89 89**	10
polar white matt	**4742 99 09**	10
anthracite matt	* **4742 99 49**	10
aluminium matt, lacquered	* **4742 99 39**	10



New



SCHUKO socket outlet with cover plate

i 853

- enhanced contact protection
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
Berker S.1		
white glossy	**4722 89 82**	10
polar white glossy	**4722 89 89**	10
polar white matt	**4722 99 09**	10
anthracite matt	* **4722 99 49**	10
aluminium matt, lacquered	* **4722 99 39**	10

New



Double SCHUKO socket outlet with cover plate

i 853

Rated voltage 250 V~
Rated current 16 A
Assembling height 22 mm

- with plug-in terminals

For installation in 1gang wall boxes according to according to DIN 49073-1

Design	Order no.	PU
Berker S.1		
white glossy	**4754 89 82**	10
polar white glossy	**4754 89 89**	10
polar white matt	**4754 99 09**	10
anthracite matt	* **4754 99 49**	10
aluminium matt, lacquered	* **4754 99 39**	10

New



Double SCHUKO socket outlet with cover plate

i 853

- enhanced contact protection
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A
Assembling height 22 mm

For installation in 1gang wall boxes according to according to DIN 49073-1

Design	Order no.	PU
Berker S.1		
white glossy	**4729 89 82**	10
polar white glossy	**4729 89 89**	10
polar white matt	**4729 99 09**	10
anthracite matt	* **4729 99 49**	10
aluminium matt, lacquered	* **4729 99 39**	10

New



Combination SCHUKO socket outlet 2gang with frame

i 853

Rated voltage	250 V~
Rated current	16 A

- 2 x 1gang, wired-through
- without spreader claws
- with plug-in terminals

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

Design	Order no.	PU
Berker S.1		
white glossy	**4720 89 82**	5
polar white glossy	**4720 89 89**	5
polar white matt	**4720 99 09**	5
anthracite matt	* **4720 99 49**	5
aluminium matt, lacquered	* **4720 99 39**	5



New



3gang SCHUKO socket outlet with cover plate

i 853

Rated voltage	250 V~
Rated current	16 A
Installation time	≈ 2 min
Conductor cross-section	2.5 mm²
Pre-assembled cables	≈ 1 m

- common base, connected-through
- through-wiring possible
- without wall box
- without spreader claws
- with plug-in terminals

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

Design	Order no.	PU
Berker S.1		
polar white matt	**4766 19 09**	5
anthracite matt	* **4766 19 49**	5
aluminium matt, lacquered	* **4766 19 39**	5



SCHUKO socket outlets with hinged cover



SCHUKO socket outlet with hinged cover

i 853

Rated voltage	250 V~
Rated current	16 A

- with imprint
- with plug-in terminals

Design	Order no.	PU
white glossy	**4751 89 82**	10
polar white glossy	**4751 89 89**	10
polar white matt	**4751 19 09**	10





SCHUKO socket outlet with hinged cover

i 853

- enhanced contact protection
- Installation position variable in 45° steps



Rated voltage	250 V~
Rated current	16 A

- when opening hinged cover, it can be arrested in end position
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

Specially suited to combinations of several socket outlets if right angle plugs are used.

Design	Order no.	PU
white glossy	**4744 89 82**	10
polar white glossy	**4744 89 89**	10
polar white matt	**4744 19 09**	10
anthracite matt	**4744 16 06**	10
aluminium matt, lacquered	**4744 14 04**	10





SCHUKO socket outlet with hinged cover

i 853

- Labelling field
- enhanced contact protection
- Installation position variable in 45° steps

Rated voltage	250 V~
Rated current	16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

Labelling field height designed for 6 mm P-touch strips.

- when opening hinged cover, it can be arrested in end position
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

Design	Order no.	PU
white glossy	**4746 89 82**	10
polar white glossy	**4746 89 89**	10
polar white matt	**4746 19 09**	10
anthracite matt	**4746 16 06**	10
aluminium matt, lacquered	**4746 14 04**	10

SCHUKO socket outlets with safety device



SCHUKO socket outlet with overvoltage protection

i 882

- Labelling field
- Screw terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.
Overvoltage protection to according to EN 61643 and VDE 0675-6-11

- with imprint
- with indicator LED for “on/error”
- with acoustic fault signal
- with screw terminals

Design	Order no.	PU
white glossy	**4108 89 82**	1
polar white glossy	**4108 89 89**	1
polar white matt	**4108 19 09**	1
anthracite matt	**4108 16 06**	1
aluminium matt, lacquered	**4108 14 04**	1



SCHUKO socket outlet with residual current circuit-breaker

i 909

- enhanced contact protection

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Measurement error current	30 mA
Trigger time	≤ 30 ms
Surge current resistance	250 A (8/20) µs
Short-circuit resistance (with back-up fuse 20 AgL)	3 kA

Through-wired socket outlets are also protected.
Tested conform according to VDE 0664 (EN 61008)
Suitable for use according to according to DIN VDE 0100-410

- type A for alternating currents and pulsating direct currents
- to protect connected and downstream loads
- with plug-in terminals

Design	Order no.	PU
white glossy	**4708 89 82**	1
polar white glossy	**4708 89 89**	1
polar white matt	**4708 19 09**	1

SCHUKO socket outlets for special applications



SCHUKO socket outlet

i 853

Rated voltage 250 V~
Rated current 16 A

– with plug-in terminals

Insert colour-coded.

Design	Order no.	PU
red glossy	**4743 89 12**	10
green glossy	**4743 89 13**	10
orange glossy	**4743 89 14**	10
red matt	**4743 19 12**	10
green matt	**4743 19 13**	10
orange matt	**4743 19 14**	10



SCHUKO socket outlet

i 853

- enhanced contact protection

– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
orange glossy	**4723 89 14**	10
orange matt	**4723 19 14**	10



SCHUKO socket outlet

i 853

- Screw-in lift terminals

– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
red glossy	**4143 89 12**	10
green glossy	**4143 89 13**	10
orange glossy	**4143 89 14**	10
red matt	**4143 19 12**	10
green matt	**4143 19 13**	10
orange matt	**4143 19 14**	10



SCHUKO socket outlet with imprint

i 853

Rated voltage 250 V~
Rated current 16 A

– with plug-in terminals

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

Design	Order no.	PU
red glossy, Imprint “EDV”	**4743 89 22**	10
green glossy, Imprint “SV”	**4743 89 03**	10
orange glossy, Imprint “ZSV”	**4743 89 07**	10
red matt, Imprint “EDV”	**4743 19 22**	10
green matt, Imprint “SV”	**4743 19 03**	10
orange matt, Imprint “ZSV”	**4743 19 07**	10



SCHUKO socket outlet i 853

- Labelling field
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

Design	Order no.	PU
red glossy	**4750 89 02**	10
green glossy	**4750 89 03**	10
orange glossy	**4750 89 07**	10
red matt	**4750 19 02**	10
green matt	**4750 19 03**	10
orange matt	**4750 19 07**	10



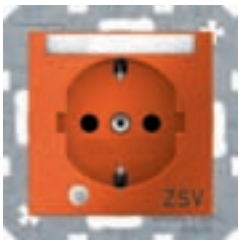
SCHUKO socket outlet with imprint i 853

- Labelling field
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.
Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
red glossy, Imprint “EDV”	**4750 89 15**	10
green glossy, Imprint “SV”	**4750 89 13**	10
orange glossy, Imprint “ZSV”	**4750 89 14**	10
red matt, Imprint “EDV”	**4750 19 15**	10
green matt, Imprint “SV”	**4750 19 13**	10
orange matt, Imprint “ZSV”	**4750 19 14**	10



SCHUKO socket outlet with control LED and imprint i 853

- Labelling field
- enhanced contact protection
- Screw-in lift terminals
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.
Labelling field height arranged for P-touch strips 6 mm.
Execution SV, ZSV to according to VDE 0100-710

Design	Order no.	PU
red glossy, Imprint “EDV”	**4110 89 15**	10
green glossy, Imprint “SV”	**4110 89 13**	10
orange glossy, Imprint “ZSV”	**4110 89 14**	10
red matt, Imprint “EDV”	**4110 19 15**	10
green matt, Imprint “SV”	**4110 19 13**	10
orange matt, Imprint “ZSV”	**4110 19 14**	10

SCHUKO socket outlets with safety device



SCHUKO socket outlet with overvoltage protection

i 882

- Labelling field
- Screw terminals

– with imprint
– with indicator LED for “on/error”
– with acoustic fault signal
– with screw terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.
Overvoltage protection to according to EN 61643 and VDE 0675-6-11

Design	Order no.	PU
red glossy	**4108 89 62**	1
red matt	**4108 19 62**	1

International socket outlet systems

– Connection terminals according to IEC 60884-1
– Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1

Socket outlets without earthing contact

New



Socket outlet without earthing contact

i 853

Rated voltage	250 V~	– 2pole
Rated current	16 A	– without spreader claws
Mirror depth	8 mm	– with plug-in terminals

Design	Order no.	PU
white glossy	* **61 6703 89 82**	10
polar white glossy	**61 6703 89 89**	10
polar white matt	**61 6703 19 09**	10



Socket outlet without earthing contact

i 853

- enhanced contact protection

– 2pole
– without spreader claws
– with plug-in terminals

Rated voltage	250 V~
Rated current	16 A
Mirror depth	8 mm

Design	Order no.	PU
polar white matt	**61 6733 19 09**	10
anthracite matt	**61 6733 16 06**	10
aluminium matt, lacquered	**61 6733 14 04**	10

Socket outlets with earthing pin



Socket outlet with earthing pin

i 853

- enhanced contact protection

– 2pole + earth
– with plug-in terminals

Rated voltage	250 V~
Rated current	16 A
Mirror depth	14.5 mm

Design	Order no.	PU
white glossy	**67 6876 89 82**	10
polar white glossy	**67 6876 89 89**	10
polar white matt	**67 6876 19 09**	10
anthracite matt	**67 6876 16 06**	10
aluminium matt, lacquered	**67 6876 14 04**	10



Socket outlet with earthing pin

i 853

- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A
Mirror depth	14.5 mm

Design	Order no.	PU
white glossy	**67 6576 89 82**	10
polar white glossy	**67 6576 89 89**	10
polar white matt	**67 6576 19 09**	10
anthracite matt	**67 6576 16 06**	10
aluminium matt, lacquered	**67 6576 14 04**	10

New



Socket outlet with earthing pin and LED orientation light

i 853

- enhanced contact protection
- Screw-in lift terminals

– additional benefit by combination of a socket outlet with an orientation light
– long service life of the LED
– white LED light
– integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
– 2pole + earth
– through-wiring possible, therefore also ideal for retrofitting
– with screw-in lift terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Conductor cross-section (rigid)	max. 2.5 mm²

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

Design	Order no.	PU
white glossy	* **67 6510 89 82**	10
polar white glossy	* **67 6510 89 89**	10
polar white matt	* **67 6510 19 09**	10
anthracite matt	* **67 6510 16 06**	10
aluminium matt	* **67 6510 14 04**	10



Socket outlet with earth contact pin and monitoring LED

i 853

- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white glossy	**67 6509 89 82**	10
polar white glossy	**67 6509 89 89**	10
polar white matt	**67 6509 19 09**	10

Socket outlets with earthing pin for special applications



Socket outlet with earthing pin

i 853

- enhanced contact protection

– 2pole + earth
– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm

Insert colour-coded.

Design	Order no.	PU
red glossy	**67 6876 89 62**	10
green glossy	**67 6876 89 63**	10
red matt	**67 6876 00 62**	10
green matt	**67 6876 00 63**	10



Socket outlet with earthing pin

i 853

- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm

Insert colour-coded.

Design	Order no.	PU
red glossy	**67 6576 89 62**	10
green glossy	**67 6576 89 63**	10
red matt	**67 6576 00 62**	10
green matt	**67 6576 00 63**	10



Socket outlet with earth contact pin and monitoring LED

i 853

- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
red glossy	**67 6509 89 15**	10
green glossy	**67 6509 89 13**	10
orange glossy	**67 6509 89 14**	10
red matt	**67 6509 19 15**	10
green matt	**67 6509 19 13**	10
orange matt	**67 6509 19 14**	10

British Standard socket outlets



Socket outlet with earthing contact BRITISH STANDARD, can be switched off

i 853

- enhanced contact protection
- Screw terminals

– without neon lamp
– 2pole + earth
– without spreader claws
– with screw terminals

Rated voltage 250 V~
Rated current 13 A

Equates to standard BS 1363: Part 2.
Not for UK.
For installation in standard wall boxes according to according to DIN 49073-1

Design		Order no.	PU
polar white matt	#	**6347 19 09**	10
anthracite matt	#	**6347 16 06**	10
aluminium matt, lacquered	#	**6347 14 04**	10



Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off

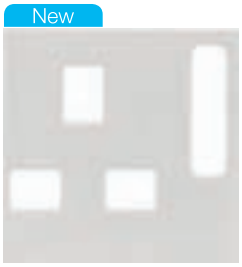
- enhanced contact protection
- Screw terminals

– 2pole + earth
– without spreader claws
– with screw terminals

Rated voltage 250 V~
Rated current 13 A

Design		Order no.	PU
white glossy	#	**3342 02 12**	10
polar white glossy	#	**3342 02 19**	10
anthracite matt	#	**3342 02 16**	10
brown glossy	#	**3342 02 11**	10

New



Centre plate for socket outlets, British Standard, can be switched off

	Suitable for Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off	Order no. 3342 02 ..	Page 199

Design	Order no.	PU
white glossy	* **33 1307 89 82**	10
polar white glossy	* **33 1307 89 89**	10
polar white matt	* **33 1307 99 09**	10
anthracite matt	* **33 1307 16 06**	10
aluminium matt, lacquered	* **33 1307 14 04**	10

Euro-American Standard socket outlets



Socket outlet without earthing contact EURO-AMERICAN STANDARD

- enhanced contact protection

- 2pole
- centre plate for plug-in fixing
- without spreader claws
- with screw terminals

Rated voltage	250 V~
Rated current	10 A
Conductor cross-section (rigid)	max. 4 mm²

Only for Asia.

Design	Order no.	PU
polar white matt	**33 4171 29 09**	10
anthracite matt	**33 4171 26 06**	10
aluminium matt, lacquered	**33 4171 24 04**	10

NEMA-socket outlets



Socket outlet with earthing contact USA/CANADA NEMA 5-15 R

i 853

- Screw terminals

- 2pole + earth
- without spreader claws
- with screw terminals

Rated voltage	125 V~
Rated current	15 A
Conductor cross-section (rigid)	max. 2 x 4 mm²
Insertion depth	19 mm

Not UL-certified.
Standard NEMA 5-15 R

Design	Order no.	PU
white glossy	**4166 89 82**	10
polar white glossy	**4166 89 89**	10
polar white matt	**4166 19 09**	10



Socket outlet with earthing contact USA/CANADA NEMA 5-20 R

i 853

- Screw terminals

- 2pole + earth
- without spreader claws
- with screw terminals

Rated voltage	125 V~
Rated current	20 A
Conductor cross-section (rigid)	max. 2 x 4 mm²
Insertion depth	19 mm

Not UL-certified.
Standard NEMA 5-20 R

Design	Order no.	PU
white glossy	**4168 89 82**	10
polar white glossy	**4168 89 89**	10
polar white matt, lacquered	**4168 19 09**	10



Socket outlet with earthing contact CHINA 10 A

- enhanced contact protection
- Screw terminals

- 2pole + earth
- centre plate for plug-in fixing
- without spreader claws
- with screw terminals

Rated voltage	250 V~
Rated current	10 A
Conductor cross-section (rigid)	max. 4 mm²

Only for Asia.

Design	Order no.	PU
polar white matt	**33 4213 29 09**	10
anthracite matt	**33 4213 26 06**	10
aluminium matt, lacquered	**33 4213 24 04**	10



Socket outlet with earthing contact CHINA 16 A

- enhanced contact protection
- Screw terminals

- 2pole + earth
- centre plate for plug-in fixing
- without spreader claws
- with screw terminals

Rated voltage	250 V~
Rated current	16 A
Conductor cross-section (rigid)	max. 4 mm²

Only for Asia.

Design	Order no.	PU
polar white matt	**33 4214 29 09**	10
anthracite matt	**33 4214 26 06**	10
aluminium matt, lacquered	**33 4214 24 04**	10



Socket outlet with earthing contact INDIAN STANDARD 10 A

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- centre plate for plug-in fixing
- without spreader claws
- with screw-in lift terminals

Rated voltage	250 V~
Rated current	10 A
Conductor cross-section (rigid)	max. 2.5 mm²

Design	Order no.	PU
polar white matt	**34 6001 19 09**	10
anthracite matt	**34 6001 16 06**	10
aluminium matt	**34 6001 14 04**	10



Socket outlet with earthing contact INDIAN STANDARD 13 A

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- centre plate for plug-in fixing
- without spreader claws
- with screw-in lift terminals

Rated voltage	250 V~
Rated current	13 A
Conductor cross-section (rigid)	max. 2.5 mm²

Design	Order no.	PU
polar white matt	**34 6003 19 09**	10
anthracite matt	**34 6003 16 06**	10
aluminium matt	**34 6003 14 04**	10



Socket outlet with earthing contact INDIAN STANDARD 16 A

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- centre plate for plug-in fixing
- without spreader claws
- with screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A
Conductor cross-section (rigid)	max. 2.5 mm²

Design	Order no.	PU
polar white matt	**34 6002 19 09**	10
anthracite matt	**34 6002 16 06**	10
aluminium matt	**34 6002 14 04**	10

Push-buttons



Push-button complete for stairway light

- Screw terminals

- with insert, frame, centre plate and red button
- without neon lamp
- NO contact
- with screw terminals

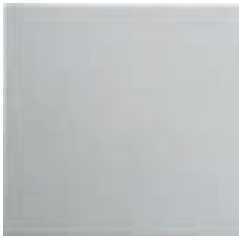
Rated voltage	250 V~
Momentary-contact current	2 A

Suitable for	Order no.	Page
Neon lamp E10	1601	71

Design	Order no.	PU
white glossy	**5101 89 82**	10
polar white glossy	**5101 89 89**	10
polar white matt	**5101 99 09**	10

Covers for switches/push-buttons

Rockers



Rocker

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
white glossy	**1620 89 82**	10
polar white glossy	**1620 89 89**	10
polar white matt	**1620 19 09**	10
anthracite matt	**1620 16 06**	10
aluminium matt, lacquered	**1620 14 04**	10



Rocker screw-on

- with cover plug for screw fitting

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
polar white matt	**1570 19 09**	10
anthracite matt	**1570 16 06**	10
aluminium matt, lacquered	**1570 14 04**	10



Rocker

- Labelling field

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
white glossy	**1626 89 82**	10
polar white glossy	**1626 89 89**	10
polar white matt	**1626 19 09**	10
anthracite matt	**1626 16 06**	10
aluminium matt, lacquered	**1626 14 04**	10



Rocker

- Lens

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

– for illumination and monitoring circuit
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
white glossy	**1621 89 82**	10
polar white glossy	**1621 89 89**	10
polar white matt	**1621 19 09**	10
anthracite matt	**1621 16 06**	10
aluminium matt, lacquered	**1621 14 04**	10



Rocker screw-on

- Lens

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

– for illumination and monitoring circuit
– with cover plug for screw fitting

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
polar white matt	**1572 19 09**	10
anthracite matt	**1572 16 06**	10
aluminium matt, lacquered	**1572 14 04**	10



Rocker

- Labelling field
- Lens

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

– for illumination and monitoring circuit
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
white glossy	**1628 89 82**	10
polar white glossy	**1628 89 89**	10
polar white matt	**1628 19 09**	10
anthracite matt	**1628 16 06**	10
aluminium matt, lacquered	**1628 14 04**	10



Rocker

- Large labelling field
- Lens

Licht Flur

Labelling field (W x H) ≈ 50.8 x 25.5 mm

For labelling with names, notes etc.

Labelling field height designed for two 12 mm P-touch strips.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

– for illumination and monitoring circuit
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
white glossy	**1696 89 82**	10
polar white glossy	**1696 89 89**	10
polar white matt	**1696 19 09**	10
anthracite matt	**1696 16 06**	10
aluminium matt, lacquered	**1696 14 04**	10

Rockers for multi-pole rocker switches



Rocker with imprint “0”

Suitable for	Order no.	Page
Multi-pole rocker switches		page 26

Design	Order no.	PU
white glossy	**1622 89 82**	10
polar white glossy	**1622 89 89**	10
polar white matt	**1622 19 09**	10
anthracite matt	**1622 16 06**	10
aluminium matt, lacquered	**1622 14 04**	10



Rocker with imprint “0”, srew-on

– with cover plug for screw fitting

Suitable for	Order no.	Page
Multi-pole rocker switches		page 26

Design	Order no.	PU
polar white matt	**1573 19 09**	10
anthracite matt	**1573 16 06**	10
aluminium matt, lacquered	**1573 14 04**	10



Rocker with imprint “0”

- Red lens

– for illumination and monitoring circuit
– also for KNX applications: group push-button, 1gang

Suitable for	Order no.	Page
Multi-pole rocker switches		page 26

Design	Order no.	PU
white glossy	**1624 89 82**	10
polar white glossy	**1624 89 89**	10
polar white matt	**1624 19 09**	10
anthracite matt	**1624 16 06**	10
aluminium matt, lacquered	**1624 14 04**	10



Rocker with imprint “0”, srew-on

- Red lens

– for illumination and monitoring circuit
– with cover plug for screw fitting

Suitable for	Order no.	Page
Multi-pole rocker switches		page 26

Design	Order no.	PU
polar white matt	**1577 19 09**	10
anthracite matt	**1577 16 06**	10
aluminium matt, lacquered	**1577 14 04**	10

Multiple Rockers



Rocker 2gang

– also for KNX applications: push-button, 2gang, and group push-button, 2gang

Suitable for	Order no.	Page
Rocker switches, 2gang Series push-buttons		page 28 page 29

Design	Order no.	PU
white glossy	**1623 89 82**	10
polar white glossy	**1623 89 89**	10
polar white matt	**1623 19 09**	10
anthracite matt	**1623 16 06**	10
aluminium matt, lacquered	**1623 14 04**	10



Rocker 2gang

– with cover plug for screw fitting

Suitable for	Order no.	Page
Rocker switches, 2gang Series push-buttons		page 28 page 29

Design	Order no.	PU
polar white matt	**1571 19 09**	10
anthracite matt	**1571 16 06**	10
aluminium matt, lacquered	**1571 14 04**	10



Rocker 2gang

- Red lens

– for illumination and monitoring circuit
– also for KNX applications: push-button, 2gang, and group push-button, 2gang

Suitable for	Order no.	Page
Rocker switches, 2gang Series push-buttons		page 28 page 29

Design	Order no.	PU
white glossy	**1627 89 82**	10
polar white glossy	**1627 89 89**	10
polar white matt	**1627 19 09**	10
anthracite matt	**1627 16 06**	10
aluminium matt, lacquered	**1627 14 04**	10



Rocker 3gang

Suitable for	Order no.	Page
On/off switch 3gang	6330 23	31

Design	Order no.	PU
polar white glossy	**1665 89 89**	10
white glossy	**1665 89 82**	10
polar white matt	**1665 19 09**	10
anthracite matt	**1665 16 06**	10
aluminium matt, lacquered	**1665 14 04**	10

Centre plates for pullcord switches/pullcord push-buttons



Centre plate for pullcord switch/pullcord push-button

Suitable for	Order no.	Page
Pullcord switches/pullcord push-buttons		page 32

Design	Order no.	PU
white glossy	**1146 89 82**	10
polar white glossy	**1146 89 89**	10
polar white matt	**1146 19 09**	10
anthracite matt	**1146 16 06**	10
aluminium matt, lacquered	**1146 14 04**	10

Centre plates for key switches/key push-buttons



Centre plate for key switch/key push-button

- for lock cylinder
- for master-key systems

Suitable for	Order no.	Page
Key switches/key push-buttons		page 33
Lock cylinder	1818 ..	75

Design	Order no.	PU
white glossy	**1507 89 82**	10
polar white glossy	**1507 89 89**	10
polar white matt	**1507 19 09**	10
anthracite matt	**1507 16 06**	10
aluminium matt, lacquered	**1507 14 04**	10

Centre plates for protection switches



50 x 50 mm centre plate for RCD protection switch

Caution!
Use only with intermediate ring for 50 x 50 mm centre plate from the corresponding range.

Suitable for	Order no.	Page
Residual current circuit-breaker	2844	34

Design	Order no.	PU
white glossy	**1493 02**	1
polar white glossy	**1493 09**	1
polar white matt/velvety	**1493 19 09**	1
anthracite matt	**1493 16 06**	1
aluminium matt, lacquered	**1493 14 04**	1

Timers

Centre plates for mechanical timer



Centre plate for mechanical timer

Suitable for	Order no.	Page
Mechanical time switches		page 35

Design	Order no.	PU
with time scale 15 min		
white glossy	**1632 89 82**	1
polar white glossy	**1632 89 89**	1
polar white matt	**1632 19 09**	1
anthracite matt	**1632 16 06**	1
aluminium matt, lacquered	**1632 14 04**	1
with time scale 120 min		
polar white glossy	**1633 89 89**	1
white glossy	**1633 89 82**	1
polar white matt	**1633 19 09**	1
anthracite matt	**1633 16 06**	1
aluminium matt, lacquered	**1633 14 04**	1





Centre plate for time relay insert

- Push-button with clear lens

- with imprint

Suitable for	Order no.	Page
Time relay insert	2948 10	37

Axis dimension Ø 4 mm

Design	Order no.	PU
white glossy	**1674 89 82**	10
polar white glossy	**1674 89 89**	10
polar white matt	**1674 19 09**	10
anthracite matt	**1674 16 06**	10
aluminium matt, lacquered	**1674 14 04**	10



Timer comfort for sensors

- Display

14:23

854

- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme
- 2 independent programme memories for everyday/holidays
- connected RolloTec brightness sensor can be used for twilight-controlled switching-on
- after charging, the timer can also be programmed when removed.

Suitable for	Order no.	Page
Insert for timer	2948	38
optional		
RolloTec brightness sensor	169	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor surface-mounted	184	128

Design	Order no.	PU
white glossy	**1738 89 82**	1
polar white glossy	**1738 89 89**	1
polar white matt	**1738 19 09**	1
anthracite matt	**1738 16 06**	1
aluminium matt, lacquered	**1738 14 04**	1



Timer comfort

- Display

14:23

854

- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme
- 2 independent programme memories for everyday/holidays
- after charging, the timer can also be programmed when removed.

Suitable for	Order no.	Page
Insert for timer	2948	38

Design	Order no.	PU
white glossy	**1736 89 82**	1
polar white glossy	**1736 89 89**	1
polar white matt	**1736 19 09**	1
anthracite matt	**1736 16 06**	1
aluminium matt, lacquered	**1736 14 04**	1



Timer Easy

- Display

14:23

854

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of switching times
- programmable for approx. 4 h after removing insert
- with quick programming mode

Suitable for	Order no.	Page
Insert for timer	2948	38

Design	Order no.	PU
white glossy	**1735 89 82**	1
polar white glossy	**1735 89 89**	1
polar white matt	**1735 19 09**	1
anthracite matt	**1735 16 06**	1
aluminium matt, lacquered	**1735 14 04**	1

New electronics platform

Buttons for switches/dimmers

New



Button 1gang

Operating voltage via insert
Operating temperature -5 ... +45 °C

- with 2-push-buttons operation concept
- low intrinsic energy requirement
- with anti-dismantling protection

Suitable for	Order no.	Page
Relay insert	8512 12 00	48
Switch insert 1gang	8512 11 00	49
Touch dimmer (R, L)	8542 11 00	51
Universal touch dimmer 1gang	8542 12 00	51



Design	Order no.	PU
white glossy	* **8514 11 82**	1
polar white glossy	* **8514 11 89**	1
polar white matt	* **8514 11 88**	1
anthracite matt, lacquered	* **8514 11 85**	1
aluminium matt, lacquered	* **8514 11 83**	1

New



Button 2gang

Operating voltage via insert
Operating temperature -5 ... +45 °C

- with 2-push-buttons operation concept per series
- low intrinsic energy requirement
- with anti-dismantling protection

Suitable for	Order no.	Page
Switch insert 2gang	8512 22 00	50
Universal touch dimmer 2gang	8542 21 00	52



Design	Order no.	PU
white glossy	* **8514 21 82**	1
polar white glossy	* **8514 21 89**	1
polar white matt	* **8514 21 88**	1
anthracite matt, lacquered	* **8514 21 85**	1
aluminium matt, lacquered	* **8514 21 83**	1

Dimmers and covers

Rotary dimmer with cover plate

New



Rotary dimmer with cover plate

i **856**

- Setting knob
- phase cut-on

Frequency 50 Hz

Suitable for optional	Order no.	Page
Covers for rotary dimmers		page 209
Tronic power booster built-in (R, C)	2868	59







Design	Order no.	PU
white glossy	**2819 89 82**	1
polar white glossy	**2819 89 89**	1
polar white matt	**2819 99 09**	1
anthracite matt	* **2819 99 49**	1
aluminium matt, lacquered	* **2819 99 39**	1

Covers for rotary dimmers

New



Cover for rotary dimmers/rotary potentiometers

- Setting knob

Suitable for	Order no.	Page
Rotary dimmer with cover plate		page 208

Design	Order no.	PU
white glossy	**1130 89 82**	10
polar white glossy	**1130 89 89**	10
polar white matt	**1130 99 09**	10
anthracite matt	* **1130 99 49**	10
aluminium matt, lacquered	* **1130 99 39**	10



Centre plate for rotary dimmer

- Setting knob

Axis dimension Ø 4 mm

Suitable for	Order no.	Page
Rotary dimmers		page 40
Rotary potentiometers DALI		page 44
1-10 V Rotary potentiometers		page 45

Design	Order no.	PU
white glossy	**1137 89 82**	10
polar white glossy	**1137 89 89**	10
polar white matt	**1137 19 09**	10
anthracite matt	**1137 16 06**	10
aluminium matt, lacquered	**1137 14 04**	10

Push-buttons



Button for universal series touch dimmer

ℹ 857

Suitable for	Order no.	Page
Universal series touch dimmer (R, L, C)	2901	47

Design	Order no.	PU
white glossy	**1765 89 82**	1
polar white glossy	**1765 89 89**	1
polar white matt	**1765 19 09**	1
anthracite matt	**1765 16 06**	1
aluminium matt, lacquered	**1765 14 04**	1

BLC -Berker Light Control

BLC push-buttons



BLC push-button

ℹ 859

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit	2907	57

Design	Order no.	PU
white glossy	**1761 89 82**	1
polar white glossy	**1761 89 89**	1
polar white matt	**1761 19 09**	1
anthracite matt	**1761 16 06**	1
aluminium matt, lacquered	**1761 14 04**	1

BLC controller



BLC controller comfort 1.1 m

i 862

Delay time, adjustable ≈ 10 s ... 30 min

- with teach function for response brightness
- with slide switch for OFF/automatic/ON
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91



Design	Order no.	PU
Nominal mounting height 1.1 m		
white glossy	**1784 89 82**	1
polar white glossy	**1784 89 89**	1
polar white matt	**1784 19 09**	1
anthracite matt	**1784 16 06**	1
aluminium matt, lacquered	**1784 14 04**	1





BLC IR controller comfort 2.2 m with hand-held transmitter

i 863

Delay time, adjustable ≈ 10 s ... 60 min

Scope of delivery:
- BLC IR controller comfort
- IR hand-held transmitter

- with detection and IR receiver LED red, and IR confirmation LED green
- presence simulation via remote control: retrieval of the switching operations from the last 7 days
- hotel mode via remote control: without motion dimming to 20%
- short-time mode with immunity time (e.g. for bell) via remote control
- test mode via remote control: response sensitivity 100%, time delay 1 s and day mode

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91



Design	Order no.	PU
Nominal mounting height 2.2 m		
white glossy	**1789 89 82**	1
polar white glossy	**1789 89 89**	1
polar white matt	**1789 19 09**	1
anthracite matt	**1789 16 06**	1
aluminium matt, lacquered	**1789 14 04**	1





BLC controller

i 862

Delay time ≈ 2 min

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91



Design	Order no.	PU
Nominal mounting height 1.1 m		
white glossy [1]	**1783 89 82**	1
polar white glossy [1]	**1783 89 89**	1
polar white matt [1]	**1783 19 09**	1
anthracite matt [1]	**1783 16 06**	1
aluminium matt, lacquered [1]	**1783 14 04**	1
Nominal mounting height 2.2 m		
white glossy	**1788 89 82**	1
polar white glossy	**1788 89 89**	1
polar white matt	**1788 19 09**	1
anthracite matt	**1788 16 06**	1
aluminium matt, lacquered	**1788 14 04**	1

[1] with cover to limit detection angle to 90°

Covers for blind switches/push-buttons

Rockers with imprint



Rocker 2gang with imprinted arrow symbol

– also for KNX applications: push-button, 2gang

Suitable for	Order no.	Page
Switch / push-button for blinds		page 112

Design	Order no.	PU
white glossy	**1625 89 82**	10
polar white glossy	**1625 89 89**	10
polar white matt	**1625 19 09**	10
anthracite matt	**1625 16 06**	10
aluminium matt, lacquered	**1625 14 04**	10



Rocker 2gang with imprinted arrows symbol

– also for KNX applications: group push-button, 2gang

Suitable for	Order no.	Page
Group series push-button, 4 NO contacts, common input terminal	5034 04	29

Design	Order no.	PU
white glossy	**1644 89 82**	10
polar white glossy	**1644 89 89**	10
polar white matt	**1644 19 09**	10
anthracite matt	**1644 16 06**	10
aluminium matt, lacquered	**1644 14 04**	10

Centre plates for rotary switches for blinds



Centre plate with rotary knob for rotary switch for blinds

– with imprint

Suitable for	Order no.	Page
Rotary switch for blinds		page 114
Interlock disk for rotary switch for blinds	1861	115

Design	Order no.	PU
white glossy	**1080 89 82**	1
polar white glossy	**1080 89 89**	1
polar white matt	**1080 19 09**	1
anthracite matt	**1080 16 06**	1
aluminium matt, lacquered	**1080 14 04**	1

Centre plates for key switches/key push-buttons for blinds



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 0 position



– with imprint
– with 2 keys

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	115
Switch for blinds 2pole for centre plate with lock	3852	115

Design	Order no.	PU
white glossy	**1081 89 82**	1
polar white glossy	**1081 89 89**	1
polar white matt	**1081 19 09**	1
anthracite matt	**1081 16 06**	1
aluminium matt, lacquered	**1081 14 04**	1



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 3 positions



- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	115
Switch for blinds 2pole for centre plate with lock	3852	115

Design	Order no.	PU
white glossy	**1082 89 82**	1
polar white velvety	**1082 60 89**	1
polar white matt	**1082 19 09**	1



Centre plate with lock and touch function for switch for blinds

- Key can be removed in 0 position



- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	115
Switch for blinds 2pole for centre plate with lock	3852	115

Design	Order no.	PU
white glossy	**1083 89 82**	1
polar white glossy	**1083 89 89**	1
polar white matt	**1083 19 09**	1



Centre plate for key push-button for blinds/key switch

- with imprint
- for lock cylinder
- for master-key systems

Suitable for	Order no.	Page
Lock cylinder		page 75
Switch for blinds 2pole for lock cylinder	3822 10	118
Push-button for blinds 1pole for lock cylinder	3831 10	118
Push-button for blinds 2pole for lock cylinder	3832 10	118

Design	Order no.	PU
white glossy	**1506 89 82**	10
polar white glossy	**1506 89 89**	10
polar white matt	**1506 19 09**	10
anthracite matt	**1506 16 06**	10
aluminium matt, lacquered	**1506 14 04**	10

Rollotec

RolloTec buttons



RolloTec button comfort for sensors

i 886

- for sensor connection to socket contact or terminal block

Suitable for	Order no.	Page
RolloTec inserts		page 121
optional		
RolloTec glass breakage sensor	170	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor	169	128
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor surface-mounted	184	128

Design	Order no.	PU
white glossy	**1771 89 82**	1
polar white glossy	**1771 89 89**	1
polar white matt	**1771 19 09**	1
anthracite matt	**1771 16 06**	1
aluminium matt, lacquered	**1771 14 04**	1







RolloTec button comfort

i 886

Suitable for	Order no.	Page
RolloTec inserts		page 121

Design	Order no.	PU
white glossy	**1770 89 82**	1
polar white glossy	**1770 89 89**	1
polar white matt	**1770 19 09**	1
anthracite matt	**1770 16 06**	1
aluminium matt, lacquered	**1770 14 04**	1





RolloTec memory button for sensors

i 886

Stored “up” and/or “down” time is run daily in automatic operation.

– for sensor connection to socket contact or terminal block

Suitable for	Order no.	Page
RolloTec inserts		page 121
optional		
RolloTec glass breakage sensor	170	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor surface-mounted	184	128
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor	169	128

Design	Order no.	PU
white glossy	**1757 89 82**	1
polar white glossy	**1757 89 89**	1
polar white matt	**1757 19 09**	1
anthracite matt	**1757 16 06**	1
aluminium matt, lacquered	**1757 14 04**	1





RolloTec memory button

i 886

Stored “up” and/or “down” time is run daily in automatic operation.

Suitable for	Order no.	Page
RolloTec inserts		page 121

Design	Order no.	PU
white glossy	**1756 89 82**	1
polar white glossy	**1756 89 89**	1
polar white matt	**1756 19 09**	1
anthracite matt	**1756 16 06**	1
aluminium matt, lacquered	**1756 14 04**	1

RolloTec time switches



RolloTec comfort time switch for sensors

- Display



i 890

- with surface-mounted RolloTec brightness sensor, shutter and lamella position additionally settable
- when a surface-mounted RolloTec brightness sensor is connected, twilight-controlled lowering possible
- RolloTec brightness sensor for sun blind movement up/down can be connected
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

Suitable for	Order no.	Page
RolloTec inserts		page 121
optional		
RolloTec brightness sensor	169	128
RolloTec glass breakage sensor	170	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor surface-mounted	184	128
Magnetic contact	9251 0 ..	130



Design	Order no.	PU
white glossy	**1775 89 82**	1
polar white glossy	**1775 89 89**	1
polar white matt	**1775 19 09**	1
anthracite matt	**1775 16 06**	1
aluminium matt, lacquered	**1775 14 04**	1



RolloTec comfort time switch

- Display



i 890

- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

Suitable for	Order no.	Page
RolloTec inserts		page 121



Design	Order no.	PU
white glossy	**1774 89 82**	1
polar white glossy	**1774 89 89**	1
polar white matt	**1774 19 09**	1
anthracite matt	**1774 16 06**	1
aluminium matt, lacquered	**1774 14 04**	1



RolloTec easy time switch

- Display



i 890

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of operation times
- with quick programming mode
- programming possible for up to 6 h after removing insert
- with preset basic programme

Suitable for	Order no.	Page
RolloTec inserts		page 121



Design	Order no.	PU
white glossy	**1762 89 82**	1
polar white glossy	**1762 89 89**	1
polar white matt	**1762 19 09**	1
anthracite matt	**1762 16 06**	1
aluminium matt, lacquered	**1762 14 04**	1

HVAC controllers and covers

Thermostat



Thermostat, NO contact, with centre plate

i 884

- Time-controlled

Rated voltage	230 V~
Frequency	50 Hz
Power consumption	≈ 1.2 W
Lithium cell power reserve [years]	≈ 10

- for floor heating, control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142
optional		
Temperature sensor	161	150

Design	Order no.	PU
white glossy	**2044 89 82**	1
polar white glossy	**2044 89 89**	1
polar white matt	**2044 19 09**	1
anthracite matt	**2044 16 06**	1
aluminium matt, lacquered	**2044 14 04**	1



Thermostat, NO contact, with centre plate, for underfloor heating

i 883

- Rocker switch
- External temperature sensor

Rated voltage	250 V~
Frequency	50/60 Hz

Suitable for	Order no.	Page
Centre plate for thermostat for underfloor heating	1672 ..	140
Valve drive 230 V	7590 00 76	142
replacement		
Temperature sensor	161	150

Design	Order no.	PU
white glossy	**2034 89 82**	1
polar white glossy	**2034 89 89**	1
polar white matt	**2034 19 09**	1
anthracite matt	**2034 16 06**	1
aluminium matt, lacquered	**2034 14 04**	1



Temperature controller, change-over contact, with centre plate

i 883

Rated voltage	250 V~
Frequency	50/60 Hz

- for heating or cooling mode

Suitable for	Order no.	Page
Centre plate for thermostat	1670 ..	140
Valve drive 230 V	7590 00 76	142

Design	Order no.	PU
white glossy	**2026 89 82**	1
polar white glossy	**2026 89 89**	1
polar white matt	**2026 19 09**	1
anthracite matt	**2026 16 06**	1
aluminium matt, lacquered	**2026 14 04**	1



Temperature controller, NC contact, with centre plate

i 883

- Rocker switch

Suitable for	Order no.	Page
Centre plate for thermostat	1671 ..	141
Valve drive 230 V	7590 00 76	142

Rated voltage 250 V~
Frequency 50/60 Hz

Design	Order no.	PU
white glossy	**2030 89 82**	1
polar white glossy	**2030 89 89**	1
polar white matt	**2030 19 09**	1
anthracite matt	**2030 16 06**	1
aluminium matt, lacquered	**2030 14 04**	1



Temperature controller, NC contact, with centre plate, 24 V AC/DC

i 883

- Rocker switch

Suitable for	Order no.	Page
Centre plate for thermostat	1671 ..	141
Valve drive 24 V AC/DC	7590 00 77	142

Rated voltage 24 V~/24 V=
Frequency 50/60 Hz

Design	Order no.	PU
white glossy	**2031 89 82**	1
polar white glossy	**2031 89 89**	1
polar white matt	**2031 19 09**	1
anthracite matt	**2031 16 06**	1
aluminium matt, lacquered	**2031 14 04**	1



Centre plate for thermostat for underfloor heating

- Rocker
- Setting knob

Suitable for	Order no.	Page
Thermostat, NO contact, with centre plate, for underfloor heating	2034 ..	135

Design	Order no.	PU
white glossy	**1672 89 82**	1
polar white glossy	**1672 89 89**	1
polar white matt	**1672 19 09**	1
anthracite matt	**1672 16 06**	1
aluminium matt, lacquered	**1672 14 04**	1



Centre plate for thermostat

- Setting knob

Suitable for	Order no.	Page
Temperature controller, change-over contact, with centre plate	2026 ..	136

Design	Order no.	PU
white glossy	**1670 89 82**	1
polar white glossy	**1670 89 89**	1
polar white matt	**1670 19 09**	1
anthracite matt	**1670 16 06**	1
aluminium matt, lacquered	**1670 14 04**	1



Centre plate for thermostat

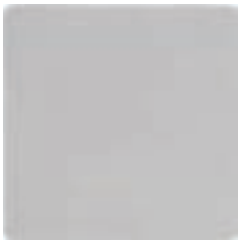
- Rocker
- Setting knob

Suitable for	Order no.	Page
Temperature controller, NC contact, with centre plate	2030 ..	138
Temperature controller, NC contact, with centre plate, 24 V AC/DC	2031 ..	139

Design	Order no.	PU
white glossy	**1671 89 82**	1
polar white glossy	**1671 89 89**	1
polar white matt	**1671 19 09**	1
anthracite matt	**1671 16 06**	1
aluminium matt, lacquered [1]	**1671 14 04**	1

[1] with cover plug for screw fitting

Central plates for sensor inserts



Central plate for sensor insert

Suitable for	Order no.	Page
Sensor insert	7594 10 01	141

Design	Order no.	PU
white glossy	**7594 04 02**	1
polar white glossy	**7594 04 09**	1
polar white matt/velvety	**7594 04 89**	1
anthracite matt	**7594 04 85**	1
aluminium matt, lacquered	**7594 04 83**	1

Rockers for heating emergency switches



Rocker with imprint “Heizung Notschalter”

- Red lens

Or use glass pane-protected heating emergency switch from programme ranges Arsys, flush-mounted splash-protected IP44, Aquatec IP44.

Not suitable for heating systems > 50 kW.

- for monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
red glossy	**1621 89 02**	10
red matt	**1621 19 02**	10

Centre plates for air conditioner/fan controllers



Centre plate with rotary knob for 3-step switch

- with imprint

Suitable for	Order no.	Page
3-step switch	3861 ..	146

Design	Order no.	PU
without 0-position, imprint 2-1-3		
white glossy	**1084 89 82**	1
polar white glossy	**1084 89 89**	1
polar white matt	**1084 19 09**	1
anthracite matt	**1084 16 06**	1
aluminium matt, lacquered	**1084 14 04**	1



with 0-position, imprint 0-1-2-3		
white glossy	**1096 89 82**	1
polar white glossy	**1096 89 89**	1
polar white matt	**1096 19 09**	1
anthracite matt	**1096 16 06**	1
aluminium matt, lacquered	**1096 14 04**	1



Centre plate for speed controller

- Setting knob



Axis dimension Ø 4 mm

- with imprinted symbol curve

Suitable for	Order no.	Page
Speed controllers	2968 01	147

Design	Order no.	PU
white glossy	**1137 89 22**	10
polar white glossy	**1137 89 29**	10
polar white matt	**1137 19 29**	10
anthracite matt	**1137 16 26**	10
aluminium matt, lacquered	**1137 14 24**	10

Communication/multimedia technology

- For information on suitable third-party manufacturer articles, see the chapter “Communication/multimedia technology”

Covers data-/telecommunication



Centre plate with TAE cut-out

- also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
230 V USB charging socket outlet	2600 ..	173
Loudspeaker connection box	4572 ..	174
Stereo loudspeaker connection box	4573 ..	174
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584	163
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	162

Design	Order no.	PU
white glossy	**1033 89 12**	10
polar white glossy	**1033 89 19**	10
polar white matt, with 2 knock out openings	**1033 19 09**	10
anthracite matt, with 2 knock out openings	**1033 16 06**	10
aluminium matt, lacquered, with 2 knock out openings	**1033 14 04**	10



Centre plate for FCC socket outlet

- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

Suitable for	Order no.	Page
UAE socket outlets 1gang		page 157

Design	Order no.	PU
white glossy	**1407 89 82**	10
polar white glossy	**1407 89 89**	10
polar white matt	**1407 19 09**	10
anthracite matt	**1407 16 06**	10
aluminium matt, lacquered	**1407 14 04**	10



Centre plate for FCC socket outlet 2gang

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

Design	Order no.	PU
white glossy	**1409 89 82**	10
polar white glossy	**1409 89 89**	10
polar white matt	**1409 19 09**	10
anthracite matt	**1409 16 06**	10
aluminium matt, lacquered	**1409 14 04**	10



Centre plate with dust protection slider

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

– for supporting plates with coloured mounting device, 1gang, order no. 4540 .., see COMMUNICATION/ MULTIMEDIA TECHNOLOGY

Design	Order no.	PU
polar white matt	**1170 19 09**	10
anthracite matt	**1170 16 06**	10
aluminium matt, lacquered	**1170 14 04**	10



Centre plate with 2 dust protection sliders

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

– for supporting plates with coloured mounting devic- es, 2gang, order no. 4541 .., see COMMUNICATION/ MULTIMEDIA TECHNOLOGY

Design	Order no.	PU
white glossy	**1181 89 82**	10
polar white glossy	**1181 89 89**	10
polar white matt	**1181 19 09**	10
anthracite matt	**1181 16 06**	10
aluminium matt, lacquered	**1181 14 04**	10



Central plate for 3 MINI-COM modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with 30° oblique outlet
– for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
– for Mini-Com fibre-optic modules
– for Mini-Com 3.5 mm stereo connection/coupling modules
– for Mini-Com BNC connector modules
– for Mini-Com Cinch connection/coupling modules
– for Mini-Com D-Subminiature connectors 15pole
– for Mini-Com F-plug coupling modules
– for Mini-Com speaker wire/banana plug modules
– for Mini-Com HDMI™ module, double socket 1.3, type A
– for Mini-Com S-Video connection/coupling modules
– for Mini-Com USB modules, double socket type A, USB 2.0 compliant
– for Mini-Com dummy modules 1gang

Design	Order no.	PU
white glossy	**1427 02**	10
polar white glossy	**1427 09**	10
polar white matt/velvety	**1427 19 09**	10
anthracite matt	**1427 16 06**	10
aluminium matt, lacquered	**1427 14 04**	10



Central plate for Reichle&De-Massari single modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with 30° oblique outlet
– for fibre-optic modules
– for connecting modules RJ45 cat.5e and cat.6

Design	Order no.	PU
white glossy	**1472 02**	10
polar white glossy	**1472 09**	10
polar white matt/velvety	**1472 19 09**	10
anthracite matt	**1472 16 06**	10
aluminium matt, lacquered	**1472 14 04**	10



Central plate for Reichle&De-Massari double module

Caution!
Use only with intermediate ring for central plate from the corresponding range.

For 1gang modules, the 1port DIN connection box with straight outlet and centre plate 50 x 50 mm of makes IBM no. 51H8234 or Reichle + De Massari no. R 825857 can be used.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

Design	Order no.	PU
white glossy	**1461 02**	10
polar white glossy	**1461 09**	10
polar white matt/velvety	**1461 19 09**	10



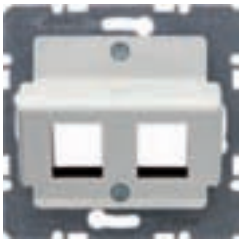
Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6

Design	Order no.	PU
white glossy	**1463 02**	10
polar white glossy	**1463 09**	10
polar white matt/velvety	**1463 19 09**	10
anthracite matt	**1463 16 06**	10
aluminium matt, lacquered	**1463 14 04**	10



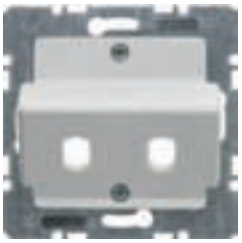
Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks cat.5, cat.5e and cat.6

Design	Order no.	PU
white glossy	**1464 02**	10
polar white glossy	**1464 09**	10
polar white matt/velvety	**1464 19 09**	10
anthracite matt	**1464 16 06**	10
aluminium matt, lacquered	**1464 14 04**	10



Central plate for fibre-optic couplings Simplex ST

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 2 fibre-optic couplings

Design	Order no.	PU
white glossy, 2gang	**1492 02**	10
polar white glossy, 2gang	**1492 09**	10
polar white matt/velvety, 2gang	**1492 19 09**	10



Central plate for fibre-optic couplings Duplex SC

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 1 or 2 fibre-optic couplings
- 1 knock out opening

Design	Order no.	PU
white glossy	**1480 02**	10
polar white glossy	**1480 09**	10
polar white matt/velvety	**1480 19 09**	10

Covers for aerial sockets



Centre plate for aerial socket 2-/3hole

– with knock out SAT input

Suitable for	Order no.	Page
Aerial sockets		page 154

Design	Order no.	PU
white glossy	**1203 89 82**	10
polar white glossy	**1203 89 89**	10
polar white matt	**1203 19 09**	10
anthracite matt	**1203 16 06**	10
aluminium matt, lacquered	**1203 14 04**	10



Central plate for aerial socket 4hole (Ankaro)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with 2 additional SAT outputs (F-sockets)

Suitable for	Order no.	Page
Aerial socket 4hole single box	4594	156

Design	Order no.	PU
white glossy	**1484 02**	10
polar white glossy	**1484 09**	10
polar white matt/velvety	**1484 19 09**	10
anthracite matt	**1484 16 06**	10
aluminium matt, lacquered	**1484 14 04**	10



Central plate for aerial socket 4hole (Hirschmann)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with 2 additional SAT outputs (F-sockets)

Design	Order no.	PU
white glossy	**1483 02**	10
polar white glossy	**1483 09**	10
polar white matt/velvety	**1483 19 09**	10
anthracite matt	**1483 16 06**	10
aluminium matt, lacquered	**1483 14 04**	10



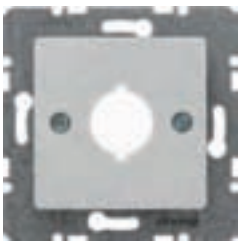
Central plate for broadband modem socket (Wisi)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with additional multimedia output

Design	Order no.	PU
white glossy	# **1439 02**	10
polar white glossy	# **1439 09**	10
polar white matt/velvety	# **1439 19 09**	10
anthracite matt	# **1439 16 06**	10
aluminium matt, lacquered	# **1439 14 04**	10

Central plates for signalling and command units



Central plate with installation opening Ø 18.8 mm

Screw spacing 36 mm

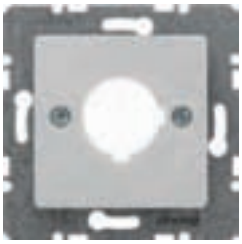
For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with supporting plate
– with cut-out dia. 18.8 mm
– without spreader claws

Suitable for optional	Order no.	Page
Built-in socket for floating output	4604	671

Design	Order no.	PU
white glossy	**1431 02**	10
polar white glossy	**1431 09**	10
polar white matt/velvety	**1431 19 09**	10
anthracite matt	**1431 16 06**	10
aluminium matt, lacquered	**1431 14 04**	10



Central plate with installation opening Ø 22.5 mm

Screw spacing 36 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Installation aperture according to IEC 60947-5-1

- with supporting plate
- with cut-out dia. 22.5 mm
- without spreader claws

Design	Order no.	PU
white glossy	**1432 02**	10
polar white glossy	**1432 09**	10
yellow glossy	**1432 07**	10
polar white matt/velvety	**1432 19 09**	10
anthracite matt	**1432 16 06**	10
aluminium matt, lacquered	**1432 14 04**	10

Covers Audio

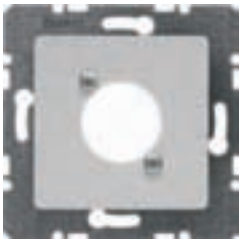


Centre plate for loudspeaker socket outlet

- 1 knock out opening

Suitable for	Order no.	Page
Stereo loudspeaker socket outlet	4505 01	175
Loudspeaker socket outlet High End	4505 02	175
Entry for small connector	4505	176

Design	Order no.	PU
white glossy	**1196 89 82**	10
polar white glossy	**1196 89 89**	10
polar white matt	**1196 19 09**	10
anthracite matt	**1196 16 06**	10
aluminium matt, lacquered	**1196 14 04**	10



Central plate for XLR D-series connector

Cut-out Ø 23.6 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with supporting plate
- without spreader claws
- speakon and jack connector

Design	Order no.	PU
white glossy	**1412 02**	10
polar white glossy	**1412 09**	10
polar white matt/velvety	**1412 19 09**	10
anthracite matt	**1412 16 06**	10
aluminium matt, lacquered	**1412 14 04**	10

Video socket outlets



VGA socket outlet

i 912

Frequency range video max. 160 MHz
Resolution max. 1280 x 1024 px

- with 15pole D-subminiature double jack
- S-VGA compatible
- with 15pole D-subminiature jack (front)

VGA

Design	Order no.	PU
with double jack		
white glossy	**33 1540 89 82**	10
polar white glossy	**33 1540 89 89**	10
polar white matt	**33 1540 19 09**	10
anthracite matt	**33 1540 16 06**	10
aluminium matt, lacquered	**33 1540 14 04**	10

back side, with screw-in lift terminals		
polar white matt [1]	**33 1541 19 09**	10
white glossy [1]	**33 1541 89 82**	10
polar white glossy [1]	**33 1541 89 89**	10
anthracite matt [1]	**33 1541 16 06**	10
aluminium matt, lacquered [1]	**33 1541 14 04**	10

[1] for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²

Multimedia sockets



S-Video
CINCH

3 x Cinch/S-Video socket outlet

i 915

Frequency range audio	20 ... 20000 Hz	– gold-plated contacts
Frequency range video	max. 160 MHz	– 1 cinch double jack for video connection (yellow)
		– 2 cinch double jacks for audio connection (red, white)
		– S-Video double jack

Design	Order no.	PU
white glossy	**33 1532 89 82**	10
polar white glossy	**33 1532 89 89**	10
polar white matt	**33 1532 19 09**	10
anthracite matt	**33 1532 16 06**	10
aluminium matt, lacquered	**33 1532 14 04**	10



HDMI

High definition socket outlet

i 915

Transmission rate	max. 8.16 Gbit/s	– gold-plated contacts
Resolution	max. 1920 x 1080 px	

Design	Order no.	PU
back side, with straight socket		
white glossy	**33 1542 89 82**	10
polar white glossy	**33 1542 89 89**	10
polar white matt	**33 1542 19 09**	10
anthracite matt	**33 1542 16 06**	10
aluminium matt, lacquered	**33 1542 14 04**	10
back side, with 90° angle socket		
white glossy	**33 1543 89 82**	10
polar white glossy	**33 1543 89 89**	10
polar white matt	**33 1543 19 09**	10
anthracite matt	**33 1543 16 06**	10
aluminium matt, lacquered	**33 1543 14 04**	10



USB/3.5 mm audio socket outlet

i 915

USB transmission rate	max. 480 Mbit/s	– double jack gold-plated 3.5 mm, stereo
Frequency range audio	20 ... 20000 Hz	– USB double jack type A, USB 2.0 capable

Design	Order no.	PU
white glossy	**33 1539 89 82**	10
polar white glossy	**33 1539 89 89**	10
polar white matt	**33 1539 19 09**	10
anthracite matt	**33 1539 16 06**	10
aluminium matt, lacquered	**33 1539 14 04**	10

Consumer electronics



Berker Radio Touch

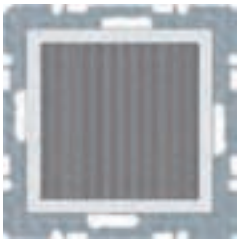
- Loudspeaker

Operating voltage	230 V~
Frequency	50/60 Hz
Frequency range	87.5 ... 108 MHz
Conductor cross-section	max. 2.5 mm²
Insertion depth	33 mm
Dimensions of display (W x H)	35 x 28 mm

- stereo FM radio with RDS display
- with one loudspeaker
- illuminated touch graphics display
- time and date display
- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- external audio input, e.g. for MP3 player or docking station

Suitable for optional	Order no.	Page
Loudspeaker		page 224
Docking station		page 224

Design	Order no.	PU
polar white glossy	**2880 89 89**	1
polar white matt	**2880 99 09**	1
stainless steel matt, lacquered	**2880 89 16**	1



Loudspeaker

Impedance	8 Ω
Conductor cross-section (flexible)	0.75 mm²
Pre-assembled cable	≈ 0.3 m
Insertion depth	22.5 mm

- confectioned, with 2-core, double-insulated, flexible cable

Suitable for	Order no.	Page
Berker Radio Touch		page 224
Docking station		page 224

Design	Order no.	PU
polar white glossy	**2882 89 89**	1
polar white matt	**2882 99 09**	1
stainless steel matt, lacquered	**2882 89 16**	1



Docking station

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	max. 3.5 V
Number of loudspeakers (4 Ω)	1
Number of loudspeakers (8 Ω)	2
Number of loudspeakers (20 Ω)	5
Insertion depth	36 mm

- buttons for volume control
- stereo Line-Out for connection to the radio touch
- AUX input mini stereo jack for audio source (line or headphones output), e.g. MP3 player
- with 30pole plug connector for iPod and iPhone*

Suitable for	Order no.	Page
Berker Radio Touch		page 224
Loudspeaker		page 224

* iPod and iPhone are registered trademarks of Apple Inc.

Design	Order no.	PU
polar white glossy	**2883 89 89**	1
polar white matt	**2883 99 09**	1
stainless steel matt, lacquered	**2883 89 16**	1

Covers for pilot lamps



Centre plate for push-button/pilot lamp E10

Cut-out Ø	27.2 mm

- centre plate for plug-in fixing

Suitable for	Order no.	Page
Covers and push-buttons		page 71
LED lamp E10		page 70
Neon lamp E10		page 71
Push-button/pilot lamp E10, NO contact	5101 ..	63

Design	Order no.	PU
white glossy	**1124 89 82**	10
polar white glossy	**1124 89 89**	10
polar white matt	**1124 19 09**	10
anthracite matt	**1124 16 06**	10
aluminium matt, lacquered	**1124 14 04**	10



Centre plate for pilot lamp E14

Suitable for	Order no.	Page
Covers and push-buttons		page 71
LED lamp E14		page 71
Incandescent lamp E14		page 71
Pilot lamp E14	5131 02	65

Design	Order no.	PU
white glossy	**1198 89 82**	10
polar white glossy	**1198 89 89**	10
polar white matt	**1198 19 09**	10
anthracite matt	**1198 16 06**	10
aluminium matt, lacquered	**1198 14 04**	10

Cover for LED orientation/signal light

- with printed label sheets “Bitte warten/Bitte eintreten” and “Do not disturb/make up room”
- with milky foil, for individual labelling

Suitable for	Order no.	Page
LED orientation light	2951	66
LED signal light	2952	66

Design	Order no.	PU
transparent	**1248 19 00**	1



Cover for info pilot lamp

Current consumption	25 mA
Power, LED	800 mW
Service life of the LED	≈ 25000 h

Printed labels supplied: “Nicht eintreten”, “Besetzt”, “Bitte eintreten”, “Bitte Ruhe”, “Bitte warten”.

- with clear cover plate
- with 4 light intensive LEDs
- very long LED lifetime

Suitable for	Order no.	Page
Cover plate for info pilot lamp	1289 ..	72
Info pilot lamp	2949	66

Design	Order no.	PU
white glossy	**1345 89 82**	1
polar white glossy	**1345 89 89**	1
polar white matt	**1345 19 09**	1
anthracite matt	**1345 16 06**	1
aluminium matt, lacquered	**1345 14 04**	1

Supplementary products

Blind plates



Blind plug with centre plate

- on supporting plate without cut-out
- centre plate for plug-in fixing

Design	Order no.	PU
without spreader claws		
white glossy	**1009 89 82**	20
polar white glossy	**1009 89 89**	20
polar white matt	**1009 19 09**	20
anthracite matt	**1009 16 06**	20
aluminium matt, lacquered	**1009 14 04**	20
with base and spreader claws		
white glossy	**67 1009 89 82**	10
polar white glossy	**67 1009 89 89**	10
polar white matt	**67 1009 19 09**	10
anthracite matt	**67 1009 16 06**	10
aluminium matt, lacquered	**67 1009 14 04**	10



Blind plug with centre plate, screw-on

- on supporting plate with large cut-out
- with cover plug for screw fitting
- without spreader claws
- for customised cut-outs or holes when installing special solutions
- space-saving for relays, etc.

Design	Order no.	PU
white glossy	**1009 89 12**	20
polar white glossy	**1009 89 19**	20
polar white matt	**1009 19 19**	20
anthracite matt	**1009 16 16**	20
aluminium matt, lacquered	**1009 14 14**	20



Centre plate for cable outlet

- with an outlet below

Suitable for	Order no.	Page
Cable outlet	4470	170
Cable outlet with low installation depth	4468	171

Design	Order no.	PU
white glossy	**1019 89 82**	10
polar white glossy	**1019 89 89**	10
polar white matt	**1019 19 09**	10
anthracite matt	**1019 16 06**	10
aluminium matt, lacquered	**1019 14 04**	10

Intermediate rings



Adapter ring for centre plate 50 x 50 mm

Caution!
Not suitable for Berker central plates.
For centre plate as per according to DIN 49075

- for other centre plates with external size 50 x 50 mm

Design	Order no.	PU
white glossy	**1109 90 82**	10
polar white glossy	**1109 90 89**	10
polar white matt	**1109 19 19**	10
anthracite matt	**1109 16 16**	10
aluminium matt, lacquered	**1109 14 14**	10



Intermediate ring for central plate

- labelling field latchable

Suitable for optional	Order no.	Page
Labelling field for intermediate ring	1905 00 02	226

Design	Order no.	PU
white glossy	**1109 89 82**	10
polar white glossy	**1109 89 89**	10
polar white matt	**1109 19 09**	10
anthracite matt	**1109 16 06**	10
aluminium matt, lacquered	**1109 14 04**	10



Labelling field for intermediate ring

Labelling field height arranged for P-touch strips 6 mm.

Suitable for	Order no.	Page
Intermediate ring for central plate	1108 ..	443
Intermediate ring for central plate	1109 ..	291

Design	Order no.	PU
white glossy	**1905 00 02**	10
polar white glossy	**1905 00 69**	10

Hotel applications

Centre plates for hotel card switches



Centre plate with imprint for push-button for hotel card

- Red lens

– for push-button for hotel card

Suitable for	Order no.	Page
Push-button for hotel card		page 76

Card width max. 54 mm

Other imprint on request!

Design	Order no.	PU
white glossy	**1640 89 82**	10
polar white glossy	**1640 89 89**	10
polar white matt	**1640 19 09**	10
anthracite matt	**1640 16 06**	10
aluminium matt, lacquered	**1640 14 04**	10

Barrier-free construction

The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

SCHUKO socket outlets



SCHUKO socket outlet with hinged cover for barrier-free construction

i 853

- Tactile symbol

– with hinged cover that falls back
– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A
Conductor cross-section 1 mm² ... 2.5 mm²

Connection terminals according to IEC 60884-1

Design	Order no.	PU
polar white matt	**4786 19 49**	10



SCHUKO socket outlet with hinged cover for barrier-free construction

i 853

- Tactile symbol
- enhanced contact protection
- Installation position variable in 45° steps

– when opening hinged cover, it can be arrested in end position
– mounting orientation of insert selectable in 45° steps
– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.
Connection terminals according to IEC 60884-1

Design	Order no.	PU
polar white matt	**4744 19 49**	10

Rockers



Rocker for barrier-free construction

- Guide for mouth rod
- Lens



Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

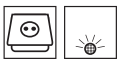
Design	Order no.	PU
polar white matt [1]	**1661 19 49**	10

[1] lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent



Rocker for barrier-free construction

- Tactile light symbol
- Red lens



- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

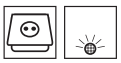
Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
polar white matt	**1651 19 49**	10



Rocker for barrier-free construction

- Tactile bell symbol
- Red lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

- also for KNX applications: push-button, 1gang

Suitable for	Order no.	Page
Rocker push-buttons		page 20

Design	Order no.	PU
polar white matt	**1651 19 59**	10



Rocker for barrier-free construction

- Tactile symbol for door opener
- Red lens



- also for KNX applications: push-button, 1gang

Suitable for	Order no.	Page
Rocker push-buttons		page 20

Design	Order no.	PU
polar white matt	**1651 19 69**	10

Hospital installation

Emergency system

New



Emergency call set with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

Set consisting of:
- Pullcord with frame, order no. 5202..
- Pilot lamp with frame, order no. 5203..
- Shut-off push-button with frame, order no. 5201..
- Power supply with frame, order no. 5204..

The emergency call set is used to call for help in public or disabled WCs, doctors' surgeries and old people's homes. It corresponds to the safety requirements according to DIN VDE 0834

- acoustic and visual signalling of an emergency call using pilot lamp after the pullcord push-button has been actuated
- switch-off of emergency call using shut-off push-button at emergency location
- power supply via power supply unit with 24 V AC
- centre plates for plug-in fixing
- monitoring of devices triggering calls for wire break
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- with screw terminals

Suitable for optional	Order no.	Page
Cancellation/presence button with frame	5205 ..	229
Cancellation button with frame	5201 ..	230
Pull button with frame	5202 ..	230
Light signal with frame	5203 ..	230
Mains adapter with frame	5204 ..	230
Call button with frame	5206 ..	229

Design	Order no.	PU
white glossy	* **5200 89 82**	1
polar white glossy	* **5200 89 89**	1
polar white matt	* **5200 99 09**	1

New



Call button with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

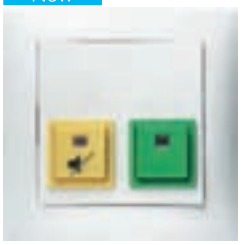
Additional call push-button to, for example, provide a control section in a second room or an additional location to trigger an emergency call.

- with quiet lamp
- with red call button with lens
- as expansion for the emergency call set
- centre plate for plug-in fixing
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 ..	229

Design	Order no.	PU
white glossy	* **5206 89 82**	1
polar white glossy	* **5206 89 89**	1
polar white matt	* **5206 99 09**	1

New



Cancellation/presence button with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C
Cable length to light signal max. 500 m

Office unit, in order to, for example, indicate an emergency call in an office or a headquarters.

- with yellow shut-off button
- with green presence button
- with visual and acoustic alarm encoder
- as expansion for the emergency call set
- centre plate for plug-in fixing
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 ..	229

Design	Order no.	PU
white glossy	* **5205 89 82**	1
polar white glossy	* **5205 89 89**	1
polar white matt	* **5205 99 09**	1

New



Pull button with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

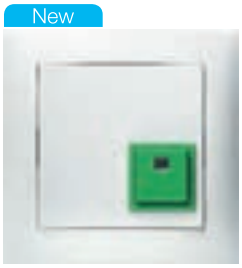
To trigger an emergency call in emergency situations.

- with pullcord and knob
- with quiet lamp
- centre plate for plug-in fixing
- for wall and ceiling mounting
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 ..	229

Design	Order no.	PU
white glossy	* **5202 89 82**	1
polar white glossy	* **5202 89 89**	1
polar white matt	* **5202 99 09**	1

New



Cancellation button with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

To switch off the alarm signal (pilot lamp) on arrival at the emergency location.

- with green shut-off button
- centre plate for plug-in fixing
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 ..	229

Design	Order no.	PU
white glossy	* **5201 89 82**	1
polar white glossy	* **5201 89 89**	1
polar white matt	* **5201 99 09**	1

New



Light signal with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

Recommendation: use deep box.
For visual and acoustic alarms in emergency situations.
Caution:
Always install the device in a clearly visible location.

- call tone received on voltage failure and return
- with potential-free relay contact for call tone forwarding, e.g. to telephone dialler
- with 4 red LEDs
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- centre plate for plug-in fixing
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 ..	229

Design	Order no.	PU
white glossy	* **5203 89 82**	1
polar white glossy	* **5203 89 89**	1
polar white matt	* **5203 99 09**	1

New



Mains adapter with frame

Operating voltage 24 V
Frequency 50 … 60 Hz
Output current max. 250 mA
Input current max. 180 mA
Operating temperature -5 ... +40 °C
Input voltage 100 ... 240 V~

Recommendation: use deep box.
For the power supply of the emergency call system components with 24 V DC.

- centre plate for plug-in fixing
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 ..	229

Design	Order no.	PU
white glossy	* **5204 89 82**	1
polar white matt	* **5204 99 09**	1
polar white glossy	* **5204 89 89**	1

Central plates for hospital installation



Central plate for socket outlet for floating output

Caution!
Use only with intermediate ring for central plate from the corresponding range.

For double pole socket outlet for floating output according to DIN 42801

– with imprint

Suitable for	Order no.	Page
Socket outlet for floating output	1061	670

Design	Order no.	PU
white glossy	**1403 02**	10
polar white glossy	**1403 09**	10
polar white matt/velvety	**1403 19 09**	10
anthracite matt	**1403 16 06**	10
aluminium matt, lacquered	**1403 14 04**	10



Central plate for 6pole socket outlet

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90 / clino phon 95	71008C
clino opt 99	71008C3
6pole socket outlets	
Hirschmann: Medu 600 GSK	

Design	Order no.	PU
white glossy	**1474 02**	10
polar white glossy	**1474 09**	10
polar white matt/velvety	**1474 19 09**	10
anthracite matt	**1474 16 06**	10
aluminium matt, lacquered	**1474 14 04**	10

Centre plates for Ackermann inserts



Centre plate for nurse call system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	72642C 72639A 71197A 72642B

Design	Order no.	PU
white glossy	**1204 89 82**	10
polar white glossy	**1204 89 89**	10
polar white matt	**1204 99 09**	10



Centre plate with plug-in opening for nurse call systems

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73070A

Design	Order no.	PU
white glossy	**1298 89 82**	10
polar white glossy	**1298 89 89**	10
polar white matt	**1298 99 09**	10



Centre plate for dropping plug-and-socket connector

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- a-coded for dropping plug-and-socket connector

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	74189A

Design	Order no.	PU
white glossy	**1305 89 82**	10
polar white glossy	**1305 89 89**	10
polar white matt	**1305 99 19**	10



Centre plate with 2 plug-in openings and imprint, for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call unit with 2 diagnostic plug-in contacts
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73075C 73020G 73021G 73075D

Design	Order no.	PU
white glossy	**1244 89 82**	10
polar white glossy	**1244 89 89**	10
polar white matt	**1244 99 09**	10



Centre plate with plug-in opening, red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and monitored auxiliary plug-in contact
- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73071E 73071E2 73075A 73073E

Design	Order no.	PU
white glossy	**1217 89 82**	10
polar white glossy	**1217 89 89**	10
polar white matt	**1217 99 09**	10



Centre plate with 2 plug-in openings, imprint and red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and plug-in contacts
- for call push-button with diagnostic and auxiliary plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73071D 73071D2 73075B 73073D

Design	Order no.	PU
white glossy	**1218 89 82**	10
polar white glossy	**1218 89 89**	10
polar white matt	**1218 99 09**	10



Centre plate with red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73071F 73071F2 73073F

Design	Order no.	PU
white glossy	**1216 89 82**	10
polar white glossy	**1216 89 89**	10
polar white matt	**1216 99 09**	10



Centre plate with red button at bottom

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

Design	Order no.	PU
white glossy	**1219 89 82**	10
polar white glossy	**1219 89 89**	10
polar white matt	**1219 99 09**	10



Centre plate with green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642C

Design	Order no.	PU
white glossy	**1251 89 82**	10
polar white glossy	**1251 89 89**	10
polar white matt	**1251 99 09**	10



Centre plate with yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642D

Design	Order no.	PU
white glossy	**1252 89 82**	10
polar white glossy	**1252 89 89**	10
polar white matt	**1252 99 09**	10



Centre plate with blue button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

Design	Order no.	PU
white glossy	**1223 89 82**	10
polar white glossy	**1223 89 89**	10
polar white matt	**1223 99 09**	10



Centre plate with white button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint “SU-AUS WARTEN”
- button with lens
- centre plate for plug-in fixing
- for office unit

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73640J 73640J2

Design	Order no.	PU
white glossy	**1308 89 82**	10
polar white glossy	**1308 89 89**	10
polar white matt	**1308 99 09**	10



Centre plate with red + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button and shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642B2

Design	Order no.	PU
white glossy	**1249 89 82**	10
polar white glossy	**1249 89 89**	10
polar white matt	**1249 99 09**	10



Centre plate with green + yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642E

Design	Order no.	PU
white glossy	**1253 89 82**	10
polar white glossy	**1253 89 89**	10
polar white matt	**1253 99 09**	10



Centre plate with white + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint “SU-AUS WARTEN”
- buttons with lens
- centre plate for plug-in fixing
- for office unit

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642B

Design	Order no.	PU
white glossy	**1299 89 82**	10
polar white glossy	**1299 89 89**	10
polar white matt	**1299 99 09**	10



Centre plate for pneumatic call switch

- Lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70006A 70006B
clino opt 99	70006C

Design	Order no.	PU
white glossy	**1236 89 82**	10
polar white glossy	**1236 89 89**	10
polar white matt	**1236 99 09**	10



Centre plate for pullcord push-button

- Lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for pullcord push-button with pullcord and knob
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70045A3 70046A3 70046A

Design	Order no.	PU
white glossy	**1233 89 82**	10
polar white glossy	**1233 89 89**	10
polar white matt	**1233 99 09**	10



Centre plate with imprinted symbol curve for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for earpiece and volume control

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120C 73120H

Design	Order no.	PU
white glossy	**1300 89 82**	10
polar white glossy	**1300 89 89**	10
polar white matt	**1300 99 09**	10



Centre plate with imprint “0 - 1 - 2 - 3 - 4 - 5” for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120A

Design	Order no.	PU
white glossy	**1301 89 82**	10
polar white glossy	**1301 89 89**	10
polar white matt	**1301 99 09**	10

Centre plates for Total Walther (Zettler) inserts

Centre plate for socket outlet 15gang

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for pear push-button, diagnostic units etc.

Manufacturer product line	Art. No.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.891xS 125.850xS

Design	Order no.	PU
white glossy	**1288 89 22**	10
polar white glossy	**1288 89 29**	10
polar white matt	**1288 19 29**	10

Centre plate for call unit with push-button + socket outlet 15pole

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for pear push-button, diagnostic units etc.

Manufacturer product line	Art. No.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.840xS 125.841xS 125.842xS 125.843xS

Design	Order no.	PU
white glossy	**1288 89 32**	10
polar white glossy	**1288 89 39**	10
polar white matt	**1288 19 39**	10

Centre plate for call unit with 2 push-buttons + socket outlet 15pole

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for pear push-button, diagnostic units etc.

Manufacturer product line	Art. No.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.830xS 125.831xS 125.832xS

Design	Order no.	PU
white glossy	**1288 89 42**	10
polar white glossy	**1288 89 49**	10
polar white matt	**1288 19 49**	10

Centre plate for call unit with push-button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.810xS 125.811xS 125.812xS 125.813xS 125.814xS 125.815xS 125.816xS 125.892xS 125.893xS

Design	Order no.	PU
white glossy	**1288 89 82**	10
polar white glossy	**1288 89 89**	10
polar white matt	**1288 19 09**	10

Centre plate for call unit with 2 push-buttons

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.892xS 125.893xS 125.820xS 125.821xS 125.822xS 125.823xS 125.824xS 125.825xS 125.826xS 125.827xS 125.891xS

Design	Order no.	PU
white glossy	**1288 89 12**	10
polar white glossy	**1288 89 19**	10
polar white matt	**1288 19 19**	10

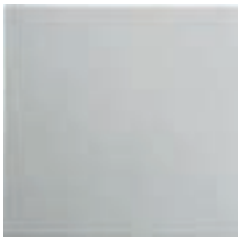
Centre plate for pneumatic call switch

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– with quiet lamp
– centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.860xS 125.861xS

Design	Order no.	PU
white glossy	**1288 89 52**	10
polar white glossy	**1288 89 59**	10
polar white matt	**1288 19 59**	10



Centre plate for buzzer

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Total Walther: Zettler Medicall 800 IP	125.800xS

Design	Order no.	PU
polar white matt	**1288 19 69**	10

Berker S.1

Berker S.1 stands for "Standard" in two different aspects: on the one hand, because this switch range has set real standards in the fields of elegance, functionality and timelessness. On the other hand, because these qualities have made it a popular standard in offices and homes.

- Modular concept, ergonomic design and square shape guarantee ease of handling.
- Clean form harmonises with extremely diverse surroundings and is suitable for a wide range of applications.
- Combination frames allow you to combine up to 5 devices vertically or horizontally.
- Available surfaces: polar white matt, white and polar white glossy



Surfaces
Frames / Covers / Central inserts

Plastic, matt

polar white	similar to RAL 9010
anthracite	similar to RAL 7021

Plastic, glossy

white	similar to RAL 1013
polar white	similar to RAL 9010
red	similar to RAL 3003

Central plates

Plastic, matt lacquered

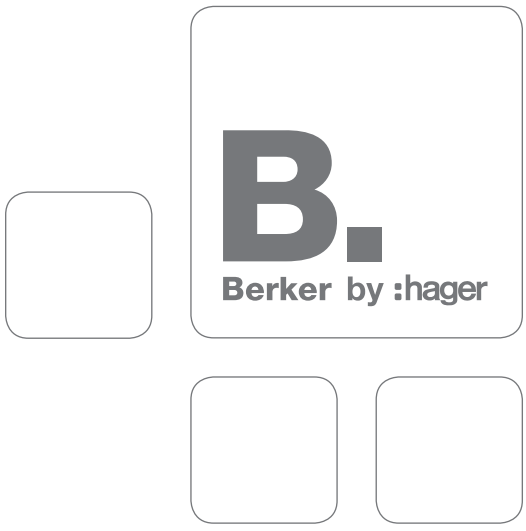
polar white	similar to RAL 9010
aluminium	similar to RAL 9006

Plastic, glossy

white	similar to RAL 1013
polar white	similar to RAL 9010

Frames 240

Surface-mounted housings 243



Frames



Frame 916

– for vertical and horizontal mounting

Design	Order no.	PU
Frame 1gang, white glossy, 1gang	**1011 89 82**	10
Frame 2gang, white glossy, 2gang	**1012 89 82**	10
Frame 3gang, white glossy, 3gang	**1013 89 82**	10
Frame 4gang, white glossy, 4gang	**1014 89 82**	2
Frame 5gang, white glossy, 5gang	**1015 89 82**	2



Frame 916

– for vertical and horizontal mounting

Design	Order no.	PU
Frame 1gang, polar white glossy, 1gang	**1011 89 89**	10
Frame 2gang, polar white glossy, 2gang	**1012 89 89**	10
Frame 3gang, polar white glossy, 3gang	**1013 89 89**	10
Frame 4gang, polar white glossy, 4gang	**1014 89 89**	2
Frame 5gang, polar white glossy, 5gang	**1015 89 89**	2
Frame 1gang, polar white matt, 1gang	**1011 99 09**	10
Frame 2gang, polar white matt, 2gang	**1012 99 09**	10
Frame 3gang, polar white matt, 3gang	**1013 99 09**	10
Frame 4gang, polar white matt, 4gang	**1014 99 09**	10
Frame 5gang, polar white matt, 5gang	**1015 99 09**	2

New



Frame 916

– for vertical and horizontal mounting

Design	Order no.	PU
Frame 1gang, anthracite matt, 1gang	* **1011 99 49**	10
Frame 2gang, anthracite matt, 2gang	* **1012 99 49**	10
Frame 3gang, anthracite matt, 3gang	* **1013 99 49**	10
Frame 4gang, anthracite matt, 4gang	* **1014 99 49**	2
Frame 5gang, anthracite matt, 5gang	* **1015 99 49**	2

New



Frame 916

– for vertical and horizontal mounting

Design	Order no.	PU
Frame 1gang, aluminium matt, 1gang	* **1011 99 39**	10
Frame 2gang, aluminium matt, 2gang	* **1012 99 39**	10
Frame 3gang, aluminium matt, 3gang	* **1013 99 39**	10
Frame 4gang, aluminium matt, 4gang	* **1014 99 39**	2
Frame 5gang, aluminium matt, 5gang	* **1015 99 39**	2



Frame 916

– for emphasising special switches, socket outlets, etc.
– for vertical and horizontal mounting

Design	Order no.	PU
Frame 1gang, red glossy, 1gang	**1011 89 62**	10
Frame 2gang, red glossy, 2gang	**1012 89 62**	2
Frame 3gang, red glossy, 3gang	**1013 89 62**	2
Frame 4gang, red glossy, 4gang	**1014 89 62**	2
Frame 5gang, red glossy, 5gang	**1015 89 62**	2



Frame

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
Frame 1gang, white glossy, 1gang	**1011 89 12**	10
Frame 2gang vertical, white glossy, 2gang vertical	**1012 89 12**	10
Frame 3gang vertical, white glossy, 3gang vertical	**1013 89 12**	10
Frame 2gang horizontal, white glossy, 2gang horizontal	**1022 89 12**	10
Frame 3gang horizontal, white glossy, 3gang horizontal	**1023 89 12**	10



Frame

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
Frame 1gang, polar white glossy, 1gang	**1011 89 19**	10
Frame 2gang vertical, polar white glossy, 2gang vertical	**1012 89 19**	10
Frame 3gang vertical, polar white glossy, 3gang vertical	**1013 89 19**	10
Frame 2gang horizontal, polar white glossy, 2gang horizontal	**1022 89 19**	10
Frame 3gang horizontal, polar white glossy, 3gang horizontal	**1023 89 19**	10
Frame 1gang, polar white matt, 1gang	**1011 99 19**	10
Frame 2gang vertical, polar white matt, 2gang vertical	**1012 99 19**	10
Frame 3gang vertical, polar white matt, 3gang vertical	**1013 99 19**	10
Frame 2gang horizontal, polar white matt, 2gang horizontal	**1022 99 19**	10
Frame 3gang horizontal, polar white matt, 3gang horizontal	**1023 99 19**	10

New



Frame

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
Frame 1gang, anthracite matt, 1gang	* **1011 99 69**	10
Frame 2gang vertical, anthracite matt, 2gang vertical	* **1012 99 69**	10
Frame 3gang vertical, anthracite matt, 3gang vertical	* **1013 99 69**	10
Frame 2gang horizontal, anthracite matt, 2gang horizontal	* **1022 99 69**	10
Frame 3gang horizontal, anthracite matt, 3gang horizontal	* **1023 99 69**	10

New



Frame

- Labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
Frame 1gang, aluminium matt, 1gang	* **1011 99 59**	10
Frame 2gang vertical, aluminium matt, 2gang vertical	* **1012 99 59**	10
Frame 3gang vertical, aluminium matt, 3gang vertical	* **1013 99 59**	10
Frame 2gang horizontal, aluminium matt, 2gang horizontal	* **1022 99 59**	10
Frame 3gang horizontal, aluminium matt, 3gang horizontal	* **1023 99 59**	10

Frame with large cut-out

– For vertical mounting
– Not suitable for surface-mounted housing.



Frame with large cut-out i 916

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	680
Push-button 4gang comfort	7516 47 80	741
Push-button 4gang for light scenes	7516 88 80	743
Push-button 3gang with thermostat	7566 37 80	744
Push-button 5gang with thermostat	7566 57 80	745

Design	Order no.	PU
white glossy	**1309 89 82**	10



Frame with large cut-out i 916

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	680
Push-button 4gang comfort	7516 47 80	741
Push-button 4gang for light scenes	7516 88 80	743
Push-button 3gang with thermostat	7566 37 80	744
Push-button 5gang with thermostat	7566 57 80	745

Design	Order no.	PU
polar white glossy	**1309 89 89**	10
polar white matt	**1309 99 09**	10

New



Frame with large cut-out i 916

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	680
Push-button 4gang comfort	7516 47 85	741
Push-button 4gang for light scenes	7516 88 85	743
Push-button 3gang with thermostat	7566 37 85	744
Push-button 5gang with thermostat	7566 57 85	745

Design	Order no.	PU
anthracite matt	* **1309 99 49**	10

New



Frame with large cut-out i 916

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	680
Push-button 4gang comfort	7516 47 85	741
Push-button 4gang for light scenes	7516 88 85	743
Push-button 3gang with thermostat	7566 37 85	744
Push-button 5gang with thermostat	7566 57 85	745

Design	Order no.	PU
aluminium matt	* **1309 99 39**	10

Surface-mounted housings

New



Housing surface-mounted

Insertion depth 37 mm

For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter Dry surface-mounted installation.

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

- entry at top and bottom possible
- with cable and duct entry
- for mounting on combustible base surface
- for vertical and horizontal mounting

Suitable for optional
Entries/connectors

Order no.

Page
page 634

Design	Order no.	PU
white glossy, 1gang	**1041 89 82**	10
white glossy, 2gang	**1042 89 82**	5
white glossy, 3gang	**1043 89 82**	5
polar white glossy, 1gang	**1041 89 89**	10
polar white glossy, 2gang	**1042 89 89**	5
polar white glossy, 3gang	**1043 89 89**	5
polar white matt, 1gang	**1041 99 09**	10
polar white matt, 2gang	**1042 99 09**	5
polar white matt, 3gang	**1043 99 09**	5
anthracite matt, 1gang	* **1041 99 49**	10
anthracite matt, 2gang	* **1042 99 49**	5
anthracite matt, 3gang	* **1043 99 49**	5
aluminium matt, 1gang	* **1041 99 39**	10
aluminium matt, 2gang	* **1042 99 39**	5
aluminium matt, 3gang	* **1043 99 39**	5

Berker B.3

Contrasts enrich life, and, with B.3, contrasts are essentially built in. Highly-individual combinations can be created from a wide range of frame variants with polar white and anthracite rockers and central inserts. An absolute innovation are the B.3 frames, made of black, brown, gold or red anodised aluminium.

- Incisive design with high-quality aluminium frame
- Integrates perfectly into any modern interior design style – whether in the home or office
- Combination frames allow you to combine up to 5 devices vertically or horizontally.



Design Award Winner 2000

Surfaces
Frames

Aluminium
black
brown
red
gold

Covers / Central inserts

Plastic, matt
anthracite similar to RAL 7021
polar white similar to RAL 9010

Plastic, glossy
polar white similar to RAL 9010

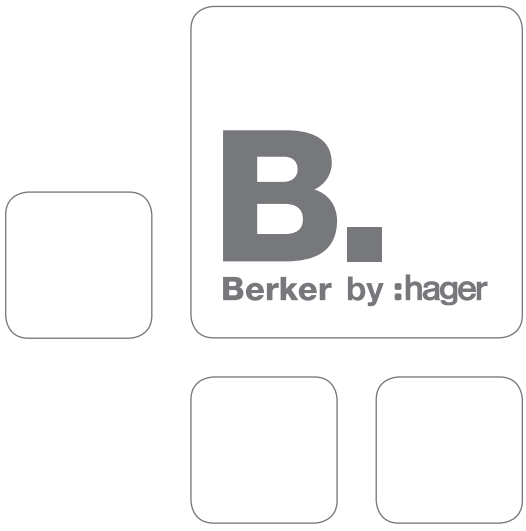
Central plates

Plastic, matt lacquered
anthracite similar to RAL 7021
polar white similar to RAL 9010

Plastic, glossy
polar white similar to RAL 9010

Frames 246

Surface-mounted housings 250



Frames

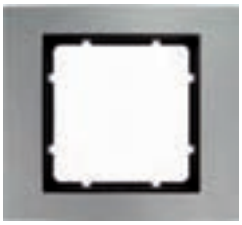
- For vertical and horizontal mounting
- Metal, aluminum profile



Frame

916

Design	Order no.	PU
Aluminium/polar white matt, aluminium anodised, 1gang	**1011 39 04**	10
Aluminium/polar white matt, aluminium anodised, 2gang	**1012 39 04**	10
Aluminium/polar white matt, aluminium anodised, 3gang	**1013 39 04**	10
Aluminium/polar white matt, aluminium anodised, 4gang	**1014 39 04**	2
Aluminium/polar white matt, aluminium anodised, 5gang	**1015 39 04**	2

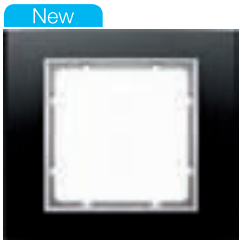


Frame

916

Design	Order no.	PU
aluminium/anthracite matt, aluminium anodised, 1gang	**1011 30 04**	10
aluminium/anthracite matt, aluminium anodised, 2gang	**1012 30 04**	10
aluminium/anthracite matt, aluminium anodised, 3gang	**1013 30 04**	10
aluminium/anthracite matt, aluminium anodised, 4gang	**1014 30 04**	2
aluminium/anthracite matt, aluminium anodised, 5gang	**1015 30 04**	2

New



Frame

916

Design	Order no.	PU
Aluminium black/polar white matt, aluminium anodised, 1gang	* **1011 30 25**	10
Aluminium black/polar white matt, aluminium anodised, 2gang	* **1012 30 25**	10
Aluminium black/polar white matt, aluminium anodised, 3gang	* **1013 30 25**	10
Aluminium black/polar white matt, aluminium anodised, 4gang	* **1014 30 25**	2
Aluminium black/polar white matt, aluminium anodised, 5gang	* **1015 30 25**	2

New



Frame

916

Design	Order no.	PU
Aluminium black/anthracite matt, aluminium anodised, 1gang	* **1011 30 05**	10
Aluminium black/anthracite matt, aluminium anodised, 2gang	* **1012 30 05**	10
Aluminium black/anthracite matt, aluminium anodised, 3gang	* **1013 30 05**	10
Aluminium black/anthracite matt, aluminium anodised, 4gang	* **1014 30 05**	2
Aluminium black/anthracite matt, aluminium anodised, 5gang	* **1015 30 05**	2

New



Frame

916

Design	Order no.	PU
Aluminium brown/polar white matt, aluminium anodised, 1gang	* **1011 30 21**	10
Aluminium brown/polar white matt, aluminium anodised, 2gang	* **1012 30 21**	10
Aluminium brown/polar white matt, aluminium anodised, 3gang	* **1013 30 21**	10
Aluminium brown/polar white matt, aluminium anodised, 4gang	* **1014 30 21**	2
Aluminium brown/polar white matt, aluminium anodised, 5gang	* **1015 30 21**	2

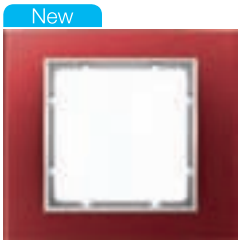
New



Frame i 916

Design	Order no.	PU
Aluminium brown/anthracite matt, aluminium anodised, 1gang	* **1011 30 01**	10
Aluminium brown/anthracite matt, aluminium anodised, 2gang	* **1012 30 01**	10
Aluminium brown/anthracite matt, aluminium anodised, 3gang	* **1013 30 01**	10
Aluminium brown/anthracite matt, aluminium anodised, 4gang	* **1014 30 01**	2
Aluminium brown/anthracite matt, aluminium anodised, 5gang	* **1015 30 01**	2

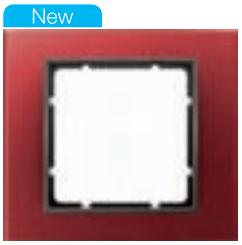
New



Frame i 916

Design	Order no.	PU
Aluminium red/polar white matt, aluminium anodised, 1gang	* **1011 30 22**	10
Aluminium red/polar white matt, aluminium anodised, 2gang	* **1012 30 22**	10
Aluminium red/polar white matt, aluminium anodised, 3gang	* **1013 30 22**	10
Aluminium red/polar white matt, aluminium anodised, 4gang	* **1014 30 22**	2
Aluminium red/polar white matt, aluminium anodised, 5gang	* **1015 30 22**	2

New



Frame i 916

Design	Order no.	PU
Aluminium red/anthracite matt, aluminium anodised, 1gang	* **1011 30 12**	10
Aluminium red/anthracite matt, aluminium anodised, 2gang	* **1012 30 12**	10
Aluminium red/anthracite matt, aluminium anodised, 3gang	* **1013 30 12**	10
Aluminium red/anthracite matt, aluminium anodised, 4gang	* **1014 30 12**	2
Aluminium red/anthracite matt, aluminium anodised, 5gang	* **1015 30 12**	2

New



Frame i 916

Design	Order no.	PU
Aluminium gold/polar white matt, aluminium anodised, 1gang	* **1011 30 46**	10
Aluminium gold/polar white matt, aluminium anodised, 2gang	* **1012 30 46**	10
Aluminium gold/polar white matt, aluminium anodised, 3gang	* **1013 30 46**	10
Aluminium gold/polar white matt, aluminium anodised, 4gang	* **1014 30 46**	2
Aluminium gold/polar white matt, aluminium anodised, 5gang	* **1015 30 46**	2

New



Frame i 916

Design	Order no.	PU
Aluminium gold/anthracite matt, aluminium anodised, 1gang	* **1011 30 16**	10
Aluminium gold/anthracite matt, aluminium anodised, 2gang	* **1012 30 16**	10
Aluminium gold/anthracite matt, aluminium anodised, 3gang	* **1013 30 16**	10
Aluminium gold/anthracite matt, aluminium anodised, 4gang	* **1014 30 16**	2
Aluminium gold/anthracite matt, aluminium anodised, 5gang	* **1015 30 16**	2

Frame with large cut-out

- For vertical mounting
- Metal, aluminum profile
- Not suitable for surface-mounted housing.



Frame with large cut-out

916

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	680
Push-button 4gang comfort	7516 47 80	741
Push-button 4gang for light scenes	7516 88 80	743
Push-button 3gang with thermostat	7566 37 80	744
Push-button 5gang with thermostat	7566 57 80	745

Design	Order no.	PU
Aluminium/polar white matt, aluminium anodised	**1309 39 04**	1



Frame with large cut-out

916

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	680
Push-button 4gang comfort	7516 47 85	741
Push-button 4gang for light scenes	7516 88 85	743
Push-button 3gang with thermostat	7566 37 85	744
Push-button 5gang with thermostat	7566 57 85	745

Design	Order no.	PU
aluminium/anthracite matt, aluminium anodised	**1309 30 04**	1

New



Frame with large cut-out

916

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	680
Push-button 4gang comfort	7516 47 80	741
Push-button 4gang for light scenes	7516 88 80	743
Push-button 3gang with thermostat	7566 37 80	744
Push-button 5gang with thermostat	7566 57 80	745

Design	Order no.	PU
Aluminium black/polar white matt, aluminium anodised	* **1309 30 25**	1

New



Frame with large cut-out

916

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	680
Push-button 4gang comfort	7516 47 85	741
Push-button 4gang for light scenes	7516 88 85	743
Push-button 3gang with thermostat	7566 37 85	744
Push-button 5gang with thermostat	7566 57 85	745

Design	Order no.	PU
Aluminium black/anthracite matt, aluminium anodised	* **1309 30 05**	1

New



Frame with large cut-out

916

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	680
Push-button 4gang comfort	7516 47 80	741
Push-button 4gang for light scenes	7516 88 80	743
Push-button 3gang with thermostat	7566 37 80	744
Push-button 5gang with thermostat	7566 57 80	745

Design	Order no.	PU
Aluminium brown/polar white matt, aluminium anodised	* **1309 30 21**	1

New



Frame with large cut-out

916

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	680
Push-button 4gang comfort	7516 47 85	741
Push-button 4gang for light scenes	7516 88 85	743
Push-button 3gang with thermostat	7566 37 85	744
Push-button 5gang with thermostat	7566 57 85	745

Design	Order no.	PU
Aluminium brown/anthracite matt, aluminium anodised	* **1309 30 01**	1

New



Frame with large cut-out

916

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	680
Push-button 4gang comfort	7516 47 80	741
Push-button 4gang for light scenes	7516 88 80	743
Push-button 3gang with thermostat	7566 37 80	744
Push-button 5gang with thermostat	7566 57 80	745

Design	Order no.	PU
Aluminium red/polar white matt, aluminium anodised	* **1309 30 22**	1

New



Frame with large cut-out

916

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	680
Push-button 4gang comfort	7516 47 85	741
Push-button 4gang for light scenes	7516 88 85	743
Push-button 3gang with thermostat	7566 37 85	744
Push-button 5gang with thermostat	7566 57 85	745

Design	Order no.	PU
Aluminium red/anthracite matt, aluminium anodised	* **1309 30 12**	1

New



Frame with large cut-out

916

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	680
Push-button 4gang comfort	7516 47 80	741
Push-button 4gang for light scenes	7516 88 80	743
Push-button 3gang with thermostat	7566 37 80	744
Push-button 5gang with thermostat	7566 57 80	745

Design	Order no.	PU
Aluminium gold/polar white matt, aluminium anodised	* **1309 30 46**	1

New



Frame with large cut-out

916

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	680
Push-button 4gang comfort	7516 47 85	741
Push-button 4gang for light scenes	7516 88 85	743
Push-button 3gang with thermostat	7566 37 85	744
Push-button 5gang with thermostat	7566 57 85	745

Design	Order no.	PU
Aluminium gold/anthracite matt, aluminium anodised	* **1309 30 16**	1

Surface-mounted housings



Housing surface-mounted

Insertion depth 37 mm

For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter Dry surface-mounted installation.

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

- with cable and duct entry
- entry at top and bottom possible
- for mounting on combustible base surface

Suitable for optional	Order no.	Page
Entries/connectors		page 634

Design	Order no.	PU
polar white matt, 1gang	**1041 19 09**	10
polar white matt, 2gang vertical	**1042 19 09**	5
polar white matt, 3gang vertical	**1043 19 09**	5
anthracite matt, 1gang	**1041 16 06**	10
anthracite matt, 2gang vertical	**1042 16 06**	5
anthracite matt, 3gang vertical	**1043 16 06**	5

Berker B.7

Gives every switch the right frame: In addition to glass frame varieties, the Berker B.7 is now available with plastic, stainless steel and aluminium frames. This version is a harmonious addition to the switches of the Berker TS Sensor and Berker B.IQ ranges.

- High-quality designs in glass, stainless steel, aluminium and plastic
- Complements Berker TS Sensor and Berker B.IQ
- Multiple frames vertical or horizontal for up to five devices



Surfaces
Frames

Glass, glossy, printed on the back
polar white similar to RAL 9010
black similar to RAL 9005
aluminium similar to RAL 9006

Plastic, matt
polar white similar to RAL 9010
anthracite similar to RAL 9005
aluminium lacquered similar to RAL 9006

Metal
aluminium
stainless steel

Covers / Central inserts

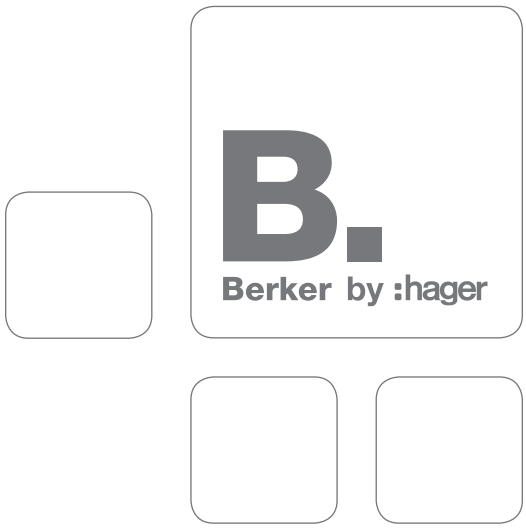
Plastic, matt
polar white similar to RAL 9010
anthracite similar to RAL 7021
aluminium, lacquered similar to RAL 9006

Plastic, glossy
polar white similar to RAL 9010

Central plates

Plastic, matt lacquered
anthracite similar to RAL 7021
polar white similar to RAL 9010

Plastic, glossy
polar white similar to RAL 9010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Berker by :hager

Frames

- Not suitable for surface-mounted housing
- For vertical and horizontal mounting

New



Frame — **916**

- plastic

Design	Order no.	PU
polar white matt, 1gang	* **1011 69 19**	10
polar white matt, 2gang	* **1012 69 19**	5
polar white matt, 3gang	* **1013 69 19**	5
polar white matt, 4gang	* **1014 69 19**	1
polar white matt, 5gang	* **1015 69 19**	1

New



Frame — **916**

- plastic

Design	Order no.	PU
anthracite matt, 1gang	* **1011 66 26**	10
anthracite matt, 2gang	* **1012 66 26**	5
anthracite matt, 3gang	* **1013 66 26**	5
anthracite matt, 4gang	* **1014 66 26**	1
anthracite matt, 5gang	* **1015 66 26**	1

New



Frame — **916**

- plastic

Design	Order no.	PU
aluminium matt, lacquered, 1gang	* **1011 64 24**	10
aluminium matt, lacquered, 2gang	* **1012 64 24**	5
aluminium matt, lacquered, 3gang	* **1013 64 24**	5
aluminium matt, lacquered, 4gang	* **1014 64 24**	1
aluminium matt, lacquered, 5gang	* **1015 64 24**	1

New



Frame — **916**

- metal, aluminum profile anodized

Design	Order no.	PU
Aluminium/polar white matt, aluminium anodised, 1gang	* **1011 69 14**	10
Aluminium/polar white matt, aluminium anodised, 2gang	* **1012 69 14**	5
Aluminium/polar white matt, aluminium anodised, 3gang	* **1013 69 14**	5
Aluminium/polar white matt, aluminium anodised, 4gang	* **1014 69 14**	1
Aluminium/polar white matt, aluminium anodised, 5gang	* **1015 69 14**	1

New



Frame — **916**

- metal, aluminum profile anodized

Design	Order no.	PU
aluminium/anthracite matt, aluminium anodised, 1gang	* **1011 69 04**	10
aluminium/anthracite matt, aluminium anodised, 2gang	* **1012 69 04**	5
aluminium/anthracite matt, aluminium anodised, 3gang	* **1013 69 04**	5
aluminium/anthracite matt, aluminium anodised, 4gang	* **1014 69 04**	1
aluminium/anthracite matt, aluminium anodised, 5gang	* **1015 69 04**	1

New



Frame 916

– metal, stainless steel, brushed

Design	Order no.	PU
Stainless steel/polar white matt, metal brushed, 1gang	* **1011 36 09**	10
Stainless steel/polar white matt, metal brushed, 2gang vertical	* **1012 36 09**	5
Stainless steel/polar white matt, metal brushed, 3gang vertical	* **1013 36 09**	5
Stainless steel/polar white matt, metal brushed, 4gang vertical	* **1014 36 09**	1
Stainless steel/polar white matt, metal brushed, 5gang vertical	* **1015 36 09**	1
Stainless steel/polar white matt, metal brushed, 2gang horizontal	* **1022 36 09**	5
Stainless steel/polar white matt, metal brushed, 3gang horizontal	* **1023 36 09**	5
Stainless steel/polar white matt, metal brushed, 4gang horizontal	* **1024 36 09**	1
Stainless steel/polar white matt, metal brushed, 5gang horizontal	* **1025 36 09**	1

New



Frame 916

– metal, stainless steel, brushed

Design	Order no.	PU
Stainless steel/anthracite matt, metal brushed, 1gang	* **1011 36 06**	10
Stainless steel/anthracite matt, metal brushed, 2gang vertical	* **1012 36 06**	5
Stainless steel/anthracite matt, metal brushed, 3gang vertical	* **1013 36 06**	5
Stainless steel/anthracite matt, metal brushed, 4gang vertical	* **1014 36 06**	1
Stainless steel/anthracite matt, metal brushed, 5gang vertical	* **1015 36 06**	1
Stainless steel/anthracite matt, metal brushed, 2gang horizontal	* **1022 36 06**	5
Stainless steel/anthracite matt, metal brushed, 3gang horizontal	* **1023 36 06**	5
Stainless steel/anthracite matt, metal brushed, 4gang horizontal	* **1024 36 06**	1
Stainless steel/anthracite matt, metal brushed, 5gang horizontal	* **1025 36 06**	1



Frame 916

– toughened glass

Design	Order no.	PU
glass polar white/polar white matt, 1gang	**1011 69 09**	10
glass polar white/polar white matt, 2gang	**1012 69 09**	5
glass polar white/polar white matt, 3gang	**1013 69 09**	5
glass polar white/polar white matt, 4gang	**1014 69 09**	1
glass polar white/polar white matt, 5gang	**1015 69 09**	1



Frame

– toughened glass

Design	Order no.	PU
glass black/anthracite matt, 1gang	**1011 66 16**	10
glass black/anthracite matt, 2gang	**1012 66 16**	5
glass black/anthracite matt, 3gang	**1013 66 16**	5
glass black/anthracite matt, 4gang	**1014 66 16**	1
glass black/anthracite matt, 5gang	**1015 66 16**	1



Frame 916

– toughened glass

Design	Order no.	PU
glass aluminium/aluminium matt, lacquered, 1gang	**1011 64 14**	10
glass aluminium/aluminium matt, lacquered, 2gang	**1012 64 14**	5
glass aluminium/aluminium matt, lacquered, 3gang	**1013 64 14**	5
glass aluminium/aluminium matt, lacquered, 4gang	**1014 64 14**	1
glass aluminium/aluminium matt, lacquered, 5gang	**1015 64 14**	1

Frame with large cut-out

– For vertical mounting
– Not suitable for surface-mounted housing.

New



Frame with large cut-out 916

– plastic

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	680
Push-button 4gang comfort	7516 47 80	741
Push-button 4gang for light scenes	7516 88 80	743
Push-button 3gang with thermostat	7566 37 80	744
Push-button 5gang with thermostat	7566 57 80	745

Design	Order no.	PU
polar white matt, lacquered	* **1309 69 19**	2

New



Frame with large cut-out 916

– plastic

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	680
Push-button 4gang comfort	7516 47 85	741
Push-button 4gang for light scenes	7516 88 85	743
Push-button 3gang with thermostat	7566 37 85	744
Push-button 5gang with thermostat	7566 57 85	745

Design	Order no.	PU
anthracite matt, lacquered	* **1309 66 26**	2

New



Frame with large cut-out 916

– plastic

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	680
Push-button 4gang comfort	7516 47 80	741
Push-button 4gang for light scenes	7516 88 80	743
Push-button 3gang with thermostat	7566 37 80	744
Push-button 5gang with thermostat	7566 57 80	745

Design	Order no.	PU
aluminium matt, lacquered	* **1309 64 24**	2

New



Frame with large cut-out 916

– metal, aluminum profile anodized

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	680
Push-button 4gang comfort	7516 47 80	741
Push-button 4gang for light scenes	7516 88 80	743
Push-button 3gang with thermostat	7566 37 80	744
Push-button 5gang with thermostat	7566 57 80	745

Design	Order no.	PU
Aluminium/polar white matt, aluminium anodised	* **1309 69 14**	2

New



Frame with large cut-out 916

– metal, aluminum profile anodized

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	680
Push-button 4gang comfort	7516 47 85	741
Push-button 4gang for light scenes	7516 88 85	743
Push-button 3gang with thermostat	7566 37 85	744
Push-button 5gang with thermostat	7566 57 85	745

Design	Order no.	PU
aluminium/anthracite matt, aluminium anodised	* **1309 69 04**	2

New



Frame with large cut-out 916

– stainless steel surface, brushed transversely

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	680
Push-button 4gang comfort	7516 47 80	741
Push-button 4gang for light scenes	7516 88 80	743
Push-button 3gang with thermostat	7566 37 80	744
Push-button 5gang with thermostat	7566 57 80	745

Design	Order no.	PU
Stainless steel/polar white matt, metal brushed	* **1309 36 09**	2

New



Frame with large cut-out 916

– stainless steel surface, brushed transversely

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	680
Push-button 4gang comfort	7516 47 85	741
Push-button 4gang for light scenes	7516 88 85	743
Push-button 3gang with thermostat	7566 37 85	744
Push-button 5gang with thermostat	7566 57 85	745

Design	Order no.	PU
Stainless steel/anthracite matt, metal brushed	* **1309 36 06**	2



Glass frame with large cut-out 916

– toughened glass

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	680
Push-button 4gang comfort	7516 47 80	741
Push-button 4gang for light scenes	7516 88 80	743
Push-button 3gang with thermostat	7566 37 80	744
Push-button 5gang with thermostat	7566 57 80	745

Design	Order no.	PU
glass polar white/polar white matt	**1309 69 09**	2



Glass frame with large cut-out 916

– toughened glass

Suitable for	Order no.	Page
Push-button 4gang	7516 43 85	680
Push-button 4gang comfort	7516 47 85	741
Push-button 4gang for light scenes	7516 88 85	743
Push-button 3gang with thermostat	7566 37 85	744
Push-button 5gang with thermostat	7566 57 85	745

Design	Order no.	PU
glass black/anthracite matt	**1309 66 16**	2



Glass frame with large cut-out 916

– toughened glass

Suitable for	Order no.	Page
Push-button 4gang	7516 43 80	680
Push-button 4gang comfort	7516 47 80	741
Push-button 4gang for light scenes	7516 88 80	743
Push-button 3gang with thermostat	7566 37 80	744
Push-button 5gang with thermostat	7566 57 80	745

Design	Order no.	PU
glass aluminium/aluminium matt, lacquered	**1309 64 14**	2

Modul 2

A programme with clear lines, for almost any room or function. And the whole thing comes with an attractive price-performance ratio: Modul 2 is the simplest switch solution there is.

- Perfect for housing and commercial buildings
- With a glossy white or polar white surface
- Multiple frames vertical or horizontal for up to five devices



Surfaces
Frames / Covers / Central inserts

Plastic, glossy	
white	similar RAL 1013
polar white	similar to RAL 9010
red	similar to RAL 3003
green	similar to RAL 6029
orange	similar to RAL 2003
yellow	similar to RAL 1004
black	similar to RAL 9005

Schuko socket outlets	260
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Supplementary products	291
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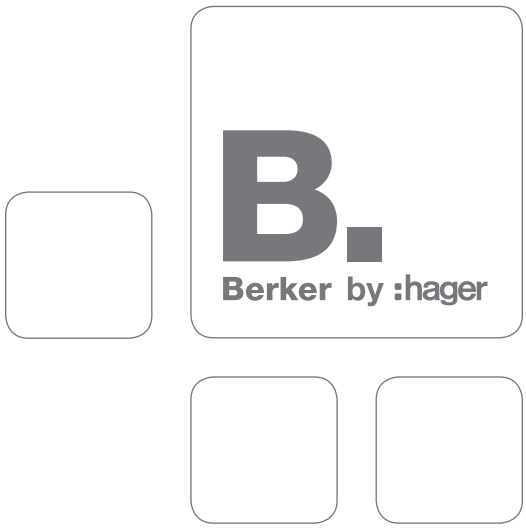
Surface mounted frames	301



SCHUKO socket outlets

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

SCHUKO socket outlets



SCHUKO socket outlet i 853

Rated voltage 250 V~
Rated current 16 A

- with plug-in terminals

Design	Order no.	PU
white glossy	# **4743 02**	10
polar white glossy	# **4743 09**	10



SCHUKO socket outlet i 853

- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A

- with plug-in terminals

Design	Order no.	PU
white glossy	# **4723 02**	10
polar white glossy	# **4723 09**	10



SCHUKO socket outlet i 853

- Screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

- with screw-in lift terminals

Design	Order no.	PU
white glossy	# **4143 02**	10
polar white glossy	# **4143 09**	10



SCHUKO socket outlet i 853

- Labelling field

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

- with plug-in terminals

Design	Order no.	PU
white glossy	# **4749 02**	10
polar white glossy	# **4749 09**	10



SCHUKO socket outlet i 853

- Labelling field
- enhanced contact protection

– with plug-in terminals



Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design		Order no.	PU
white glossy	#	**4756 02**	10
polar white glossy	#	**4756 09**	10



SCHUKO socket outlet with centre plate 50 x 50 mm i 853

Rated voltage 250 V~
Rated current 16 A

– with plug-in terminals

Suitable for installation without frame in Ackermann and Tehalit 50 x 50 mm cable ducts.
With centre plate as per according to DIN 49075

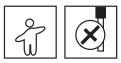
Design		Order no.	PU
white glossy	#	**4703**	10
polar white glossy	#	**4703 09**	10



SCHUKO socket outlet with centre plate 50 x 50 mm i 853

- enhanced contact protection
- Screw-in lift terminals

– with screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

Suitable for installation without frame in Ackermann and Tehalit 50 x 50 mm cable ducts.
With centre plate as per according to DIN 49075

Design		Order no.	PU
white glossy	#	**4123**	10



SCHUKO socket outlet 45° i 853

Rated voltage 250 V~
Rated current 16 A

– for diagonal installation
– with plug-in terminals

Specially suited to combinations of several socket outlets if right angle plugs are used.

Design		Order no.	PU
white glossy	#	**4727 02**	10
polar white glossy	#	**4727 09**	10



SCHUKO socket outlet with control LED

853

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

– with screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	# **4110 02**	10
polar white glossy	# **4110 09**	10



SCHUKO socket outlet with cover plate

853

Rated voltage	250 V~
Rated current	16 A

– with plug-in terminals

Design	Order no.	PU
polar white glossy	# **4742 09**	10
white glossy	# **4742 02**	10



SCHUKO socket outlet with cover plate

853

- enhanced contact protection

– with plug-in terminals

Rated voltage	250 V~
Rated current	16 A

Design	Order no.	PU
polar white glossy	# **4722 09**	10
white glossy	# **4722 02**	10



Double SCHUKO socket outlet with cover plate

853

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

– with plug-in terminals

For installation in 1gang wall boxes according to according to DIN 49073-1

Design	Order no.	PU
white glossy	# **4754 02**	10
polar white glossy	# **4754 09**	10



Double SCHUKO socket outlet with cover plate i 853

- enhanced contact protection

– with plug-in terminals

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

For installation in 1gang wall boxes according to according to DIN 49073-1

x2

Design		Order no.	PU
white glossy	#	**4729 02**	10
polar white glossy	#	**4729 09**	10



3gang SCHUKO socket outlet with cover plate i 853

Rated voltage	250 V~
Rated current	16 A
Installation time	≈ 2 min
Conductor cross-section	2.5 mm²
Pre-assembled cables	≈ 1 m

– without spreader claws
– without wall box
– through-wiring possible
– common base, connected-through
– with plug-in terminals

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

x3

Design		Order no.	PU
white glossy	#	**4766 02**	5
polar white glossy	#	**4766 09**	5

SCHUKO socket outlets with hinged cover



SCHUKO socket outlet with hinged cover i 853

Rated voltage	250 V~
Rated current	16 A

– with imprint
– with plug-in terminals

Design		Order no.	PU
white glossy	#	**4744 02**	10
polar white glossy	#	**4744 09**	10



SCHUKO socket outlet with hinged cover i 853

- Labelling field

– with plug-in terminals

Rated voltage	250 V~
Rated current	16 A

Labelling field height arranged for P-touch strips 9 mm.

Design		Order no.	PU
white glossy	#	**4746 02**	10
polar white glossy	#	**4746 09**	10

SCHUKO socket outlets with safety device



SCHUKO socket outlet with overvoltage protection

i 882

- Labelling field
- Screw terminals

- with imprint
- with indicator LED for “on/error”
- with acoustic fault signal
- with screw terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.
Overvoltage protection to according to EN 61643 and VDE 0675-6-11

Design	Order no.	PU
white glossy	# **4108 02**	1
polar white glossy	# **4108 09**	1



SCHUKO socket outlet with residual current circuit-breaker

i 909

- enhanced contact protection

- type A for alternating currents and pulsating direct currents
- to protect connected and downstream loads
- with plug-in terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Measurement error current	30 mA
Trigger time	≤ 30 ms
Surge current resistance	250 A (8/20) µs
Short-circuit resistance (with back-up fuse 20 AgL)	3 kA

Through-wired socket outlets are also protected.
Tested conform according to VDE 0664 (EN 61008)
Suitable for use according to according to DIN VDE 0100-410

Design	Order no.	PU
white glossy	# **4708 02**	1
polar white glossy	# **4708 09**	1

SCHUKO socket outlets for special applications



SCHUKO socket outlet

i 853

Rated voltage	250 V~
Rated current	16 A

- with plug-in terminals

Insert colour-coded.

Design	Order no.	PU
red glossy	# **4743 05**	10
green glossy	# **4743 03**	10
orange glossy	# **4743 04**	10



SCHUKO socket outlet i 853

- enhanced contact protection – with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Design		Order no.	PU
green glossy	#	**4723 03**	10
orange glossy	#	**4723 04**	10



SCHUKO socket outlet with imprint i 853

Rated voltage 250 V~ – with plug-in terminals
Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

Design		Order no.	PU
SCHUKO socket outlet with “SV” imprint, green glossy, Imprint “SV”	#	**4743 13**	10
SCHUKO socket outlet with “ZSV” imprint, orange glossy, Imprint “ZSV”	#	**4743 14**	10



SCHUKO socket outlet i 853

- Labelling field – with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

Design		Order no.	PU
red glossy	#	**4749 05**	10
green glossy	#	**4749 03**	10
orange glossy	#	**4749 04**	10



SCHUKO socket outlet with “EDV” imprint i 853

- Labelling field – with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

Design		Order no.	PU
red glossy	#	**4749 15**	10



SCHUKO socket outlet with control LED and imprint

i 853

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

– with screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A

Insert colour-coded.
Labelling field height arranged for P-touch strips 6 mm.
Execution SV, ZSV to according to VDE 0100-710

Design	Order no.	PU
red glossy, Imprint “EDV”	# **4110 15**	10
green glossy, Imprint “SV”	# **4110 13**	10
orange glossy, Imprint “ZSV”	# **4110 14**	10



SCHUKO socket outlet with overvoltage protection

i 882

- Labelling field
- Screw terminals

– with imprint
– with indicator LED for “on/error”
– with acoustic fault signal
– with screw terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.
Overvoltage protection to according to EN 61643 and VDE 0675-6-11

Design	Order no.	PU
red glossy	# **4108 62**	1

International socket outlet systems

– Connection terminals according to IEC 60884-1
– Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1

Socket outlets without earthing contact



Socket outlet without earthing contact

i 853

- Screw terminals

– 2pole
– without spreader claws
– with screw terminals

Rated voltage	250 V~
Rated current	16 A
Mirror depth	7.8 mm

Design	Order no.	PU
white glossy	# **6161 03 02**	10
polar white glossy	# **6161 03 09**	10



Socket outlet without earthing contact

i 853

- enhanced contact protection
- Screw terminals

– 2pole
– without spreader claws
– with screw terminals

Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm

Design	Order no.	PU
white glossy	# **6161 76 02**	10
polar white glossy	# **6161 76 09**	10



Socket outlet without earthing contact with cover plate

i 853

- Screw terminals

– 2pole
– without spreader claws
– with screw terminals

Rated voltage 250 V~
Rated current 16 A
Mirror depth 7.6 mm

Design	Order no.	PU
white glossy	# **6161 02 02**	10
polar white glossy	# **6161 02 09**	10



Double socket outlet without earthing contact with cover plate

i 853

Rated voltage 250 V~
Rated current 16 A
Mirror depth 5.7 mm

– 2pole
– without spreader claws
– with plug-in terminals

For installation in standard wall boxes according to according to DIN 49073-1

Design	Order no.	PU
white glossy	# **6167 54 02**	10
polar white glossy	# **6167 54 09**	10

Socket outlets with earthing pin



Socket outlet with earthing pin

i 853

- enhanced contact protection

– 2pole + earth
– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm

Design	Order no.	PU
white glossy	# **6768 76 02**	10
polar white glossy	# **6768 76 09**	10



Socket outlet with earthing pin

i 853

- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A
Mirror depth	14.5 mm

Design	Order no.	PU
white glossy	# **6765 76 02**	10
polar white glossy	# **6765 76 09**	10



Socket outlet with earth contact pin and monitoring LED

i 853

- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A

Design	Order no.	PU
white glossy	# **6765 09 02**	10
polar white glossy	# **6765 09 09**	10



Socket outlets with earthing pin and centre plate 50 x 50 mm

i 853

- enhanced contact protection

– 2pole + earth
– with plug-in terminals

Rated voltage	250 V~
Rated current	16 A
Mirror depth	14.5 mm

With centre plate as per according to DIN 49075

Design	Order no.	PU
white glossy	# **6768 76 01**	10



Socket outlets with earthing pin and centre plate 50 x 50 mm

i 853

- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A
Mirror depth	14.5 mm

With centre plate as per according to DIN 49075

Design	Order no.	PU
white glossy	# **6765 76 01**	10



Socket outlet with earthing pin and cover plate

i 853

- enhanced contact protection

– 2pole + earth
– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm

Design	Order no.	PU
white glossy	# **6768 72 02**	10
polar white glossy	# **6768 72 09**	10

Socket outlets with earthing pin for special applications



Socket outlet with earth contact pin and monitoring LED

i 853

- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
red glossy	# **6765 09 15**	10
green glossy	# **6765 09 13**	10
orange glossy	# **6765 09 14**	10

British Standard socket outlets



Socket outlet with earthing contact BRITISH STANDARD, can be switched off

i 853

- enhanced contact protection
- Screw terminals

– 2pole + earth
– without spreader claws
– with screw terminals
– without neon lamp

Rated voltage 250 V~
Rated current 13 A

Equates to standard BS 1363: Part 2.
Not for UK.
For installation in standard wall boxes according to according to DIN 49073-1

Design	Order no.	PU
white	# **6347 02**	10
polar white glossy	# **6347 09**	10



Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off

- enhanced contact protection
- Screw terminals

– 2pole + earth
– without spreader claws
– with screw terminals

Rated voltage 250 V~
Rated current 13 A

Design	Order no.	PU
white glossy	# **3342 02 12**	10
polar white glossy	# **3342 02 19**	10
anthracite matt	# **3342 02 16**	10
brown glossy	# **3342 02 11**	10



Centre plate for socket outlets, British Standard, can be switched off

Suitable for	Order no.	Page
Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off	3342 02 ..	199

Design		Order no.	PU
white glossy	#	**3313 07 02**	10
polar white glossy	#	**3313 07 09**	10

Euro-American Standard socket outlets



Socket outlet without earth contact with cover plate EURO-AMERICAN STANDARD

- Screw terminals



Rated voltage 125 V~
Rated current 15 A

Only for Asia.

- 2pole
- with screw terminals

Suitable for	Order no.	Page
Extension claw for attaching	1913 ..	671



Design		Order no.	PU
white glossy	#	**4170**	10



Socket outlet without earth contact EURO-AMERICAN STANDARD

- Screw terminals



Rated voltage 125 V~
Rated current 15 A

Only for Asia.

- 2pole
- with screw terminals

Suitable for	Order no.	Page
Extension claw for attaching	1913 ..	671



Design		Order no.	PU
white glossy	#	**4171 02**	10
polar white glossy	#	**4171 09**	10



Combination SCHUKO socket outlet 2gang with frame

Rated voltage 250 V~
Rated current 16 A

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

- without spreader claws
- with plug-in terminals
- special design for Attema
- 2 x 1gang, wired-through



Design		Order no.	PU
polar white glossy	#	**4720 02**	5
polar white glossy	#	**4720 09**	5

NEMA-socket outlets



Socket outlet with earthing contact USA/CANADA NEMA 5-15 R

i 853

- Screw terminals

- 2pole + earth
- without spreader claws
- with screw terminals

Rated voltage	125 V~
Rated current	15 A
Conductor cross-section (rigid)	max. 2 x 4 mm²
Insertion depth	19 mm

Not UL-certified.
Standard NEMA 5-15 R

Design	Order no.	PU
white glossy	# **4166 02**	10
polar white glossy	# **4166 09**	10



Socket outlet with earthing contact USA/CANADA NEMA 5-20 R

i 853

- Screw terminals

- 2pole + earth
- without spreader claws
- with screw terminals

Rated voltage	125 V~
Rated current	20 A
Conductor cross-section (rigid)	max. 2 x 4 mm²
Insertion depth	19 mm

Not UL-certified.
Standard NEMA 5-20 R

Design	Order no.	PU
white glossy	# **4168 02**	10
polar white glossy	# **4168 09**	10

Switches/push-buttons



Push-button complete for stairway light

- Screw terminals

- without neon lamp
- NO contact
- with insert, frame, centre plate and red button
- with screw terminals

Rated voltage	250 V~
Momentary-contact current	2 A

Suitable for	Order no.	Page
Neon lamp E10	1601	71

Design	Order no.	PU
white glossy	# **5101 02**	10

Covers for switches/push-buttons

Rockers



Rocker

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
white glossy	# **1620 02**	10
polar white glossy	# **1620 09**	10



Rocker screw-on

– with cover plug for screw fitting

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
white glossy	# 1570 02	10
polar white glossy	# 1570 09	10



Rocker

- Labelling field

For labelling with names, notes etc.

Labelling field height designed for 9 mm P-touch strip.

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
white glossy	# 1626 62	10
polar white glossy	# 1626 69	10



Rocker

- Lens

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

– for illumination and monitoring circuit
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
white glossy	# 1621 22	10
polar white glossy	# 1621 19	10



Rocker screw-on

- Lens

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

– for illumination and monitoring circuit
– with cover plug for screw fitting

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
white glossy	# 1572 02	10
polar white glossy	# 1572 09	10



Rocker

- Labelling field
- Lens

For labelling with names, notes etc.

Labelling field height designed for 9 mm P-touch strip.
Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

– for illumination and monitoring circuit
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
white glossy	# 1628 02	10
polar white glossy	# 1628 09	10

Rockers for multi-pole rocker switches



Rocker with imprint “0 - 1”

Suitable for Multi-pole rocker switches | **Order no.** | **Page** page 26

Design	Order no.	PU
white glossy	# **1622 02**	10
polar white glossy	# **1622 09**	10

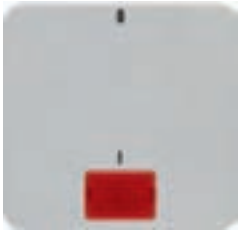


Rocker with imprint “0 - 1”, srew-on

– with cover plug for screw fitting

Suitable for Multi-pole rocker switches | **Order no.** | **Page** page 26

Design	Order no.	PU
white glossy	# **1573 02**	10
polar white glossy	# **1573 09**	10



Rocker with imprint “0 - 1”

- Red lens

– for illumination and monitoring circuit
– also for KNX applications: group push-button, 1gang

Suitable for Multi-pole rocker switches | **Order no.** | **Page** page 26

Design	Order no.	PU
white glossy	# **1624 62**	10
polar white glossy	# **1624 69**	10



Rocker with imprint “0 - 1”, srew-on

- Red lens

– for illumination and monitoring circuit
– with cover plug for screw fitting

Suitable for Multi-pole rocker switches | **Order no.** | **Page** page 26

Design	Order no.	PU
white glossy	# **1577 02**	10
polar white glossy	# **1577 09**	10

Multiple Rockers



Rocker 2gang

– also for KNX applications: push-button, 2gang, and group push-button, 2gang

Suitable for Rocker switches, 2gang
Series push-buttons | **Order no.** | **Page** page 28
page 29

Design	Order no.	PU
white glossy	# **1623 02**	10
polar white glossy	# **1623 09**	10



Rocker 2gang

– with cover plug for screw fitting

Suitable for Rocker switches, 2gang
Series push-buttons | **Order no.** | **Page** page 28
page 29

Design	Order no.	PU
white glossy	# **1571 02**	10
polar white glossy	# **1571 09**	10



Rocker 2gang

- Red lens

- for illumination and monitoring circuit
- also for KNX applications: push-button, 2gang, and group push-button, 2gang

Suitable for	Order no.	Page
Rocker switches, 2gang		page 28
Series push-buttons		page 29

Design	Order no.	PU
white glossy	# **1627 02**	10
polar white glossy	# **1627 09**	10

Centre plates for pullcord switches/pullcord push-buttons



Centre plate for pullcord switch/pullcord push-button

Suitable for	Order no.	Page
Pullcord push-button, change-over contact with separate signal contact	3956 19	32
Pullcord switch off/change-over	3966	32

Design	Order no.	PU
white glossy	# **1146 02**	10
polar white glossy	# **1146 09**	10



Centre plate for pullcord switch/pullcord push-button

- Red lens

Suitable for	Order no.	Page
Pullcord push-button, change-over contact with separate signal contact	3956 19	32
Pullcord switch off/change-over	3966	32

Design	Order no.	PU
white glossy	# **1149 02**	10
polar white glossy	# **1149 09**	10

Centre plates for key switches/key push-buttons



Centre plate for key switch/key push-button

- for master-key systems

Suitable for	Order no.	Page
Change-over switch 2pole for lock cylinders	3826 10	33
Push-button for lock cylinder	3856 20	33
Lock cylinder	1818 ..	75

Design	Order no.	PU
white glossy	# **1507 12**	10
polar white glossy	# **1507 19**	10

Centre plates for protection switches



50 x 50 mm centre plate for RCD protection switch

Caution!
Use only with intermediate ring for 50 x 50 mm centre plate from the corresponding range.

Suitable for	Order no.	Page
Residual current circuit-breaker	2844	34

Design	Order no.	PU
white glossy	**1493 02**	1
polar white glossy	**1493 09**	1

Timers

Centre plates for mechanical timer





Centre plate for mechanical timer

Suitable for	Order no.	Page
Mechanical time switches		page 35

Design		Order no.	PU
with time scale 15 min			
white glossy	#	**1632 02**	1
polar white glossy	#	**1632 09**	1
with time scale 120 min			
white glossy	#	**1633 02**	1
polar white glossy	#	**1633 09**	1



Timer comfort for sensors

ℹ 854

- Display

14:23

Countdown function

- 2 independent programme memories for everyday/holidays
- with slide switch from summer to winter time
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme
- after charging, the timer can also be programmed when removed.

Suitable for	Order no.	Page
Insert for timer	2948	38
optional		
RolloTec brightness sensor	169	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor surface-mounted	184	128



Design		Order no.	PU
white glossy	#	**1738 02**	1
polar white glossy	#	**1738 09**	1



Timer comfort

ℹ 854

- Display

14:23

Countdown function

- 2 independent programme memories for everyday/holidays
- with slide switch from summer to winter time
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

Suitable for	Order no.	Page
Insert for timer	2948	38



Design		Order no.	PU
white glossy	#	**1736 02**	1
polar white glossy	#	**1736 09**	1



Timer Easy

ℹ 854

- Display

14:23

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of switching times
- programmable for approx. 4 h after removing insert
- with quick programming mode
- with automatic summer-/winter time switching (can be switched off)

Suitable for	Order no.	Page
Insert for timer	2948	38



Design		Order no.	PU
white glossy	#	**1735 02**	1
polar white glossy	#	**1735 09**	1

Dimmers and covers

Rotary dimmer with cover plate



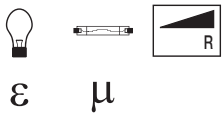
Rotary dimmer with cover plate

i 856

- Setting knob



Operating voltage	230 V~
Frequency	50 Hz
Loss power at full load	≈ 4 W
230 V incandescent lamps and halogen lamps	60 ... 400 W
Number of built-in power boosters (R, L)	max. 10
Operating temperature	+5 ... +25 °C
Conductor cross-section (rigid)	max. 2,5 / 2 x 1.5 mm²
Axis dimension Ø	4 mm



- bulb-preserving soft startup
- phase cut-on
- with rotary on/off switch
- short-circuit and overload proof (fine-wire fuse)
- with screw terminals

Suitable for optional	Order no.	Page
Covers for rotary dimmers		page 276
Tronic power booster built-in (R, C)	2868	59



Design	Order no.	PU
white glossy	# **2819 02**	1
polar white glossy	# **2819 09**	1

Covers for rotary dimmers



Centre plate for rotary dimmer

- Setting knob



Axis dimension Ø 4 mm

Suitable for	Order no.	Page
Rotary dimmers		page 40
Rotary potentiometers DALI		page 44
1-10 V Rotary potentiometers		page 45

Design	Order no.	PU
white glossy	# **1137 02**	10
polar white glossy	# **1137 09**	10



Cover for rotary dimmers/rotary potentiometers

- Setting knob



Axis dimension Ø 4 mm

Suitable for	Order no.	Page
Rotary dimmers		page 40
Rotary potentiometers DALI		page 44
1-10 V Rotary potentiometers		page 45

Design	Order no.	PU
white glossy	# **1130 02**	10
polar white glossy	# **1130 09**	10

Push-buttons



Button for universal series touch dimmer

i 857

Suitable for	Order no.	Page
Universal series touch dimmer (R, L, C)	2901	47



Design	Order no.	PU
white glossy	# **1765 02**	1
polar white glossy	# **1765 09**	1

BLC -Berker Light Control

BLC push-buttons



BLC push-button

i 859

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit	2907	57



Design	Order no.	PU
white glossy	# 1761 02	1
polar white glossy	# 1761 09	1

BLC controller



BLC controller comfort 1.1 m

i 862

Delay time, adjustable	≈ 10 s ... 30 min
Detection angle	180 °
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)

- with slide switch for OFF/automatic/ON
- with teach function for response brightness
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91





Design	Order no.	PU
Nominal mounting height 1.1 m		
white glossy	# 1784 02	1
polar white glossy	# 1784 09	1



BLC IR controller comfort 2.2 m with hand-held transmitter

i 863

Delay time, adjustable	≈ 10 s ... 60 min
Detection angle	180 °

Scope of delivery:
- BLC IR controller comfort
- IR hand-held transmitter

- with 2 buttons for permanent ON (LED green), permanent OFF (LED red) and automatic
- with detection and IR receiver LED red, and IR confirmation LED green
- with teach function for response brightness
- presence simulation via remote control: retrieval of the switching operations from the last 7 days
- hotel mode via remote control: without motion dimming to 20%
- short-time mode with immunity time (e.g. for bell) via remote control
- test mode via remote control: response sensitivity 100%, time delay 1 s and day mode

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91



Design	Order no.	PU
Nominal mounting height 2.2 m		
white glossy	# 1789 02	1
polar white glossy	# 1789 09	1



BLC controller

862

Detection angle	180 °
Delay time	≈ 2 min
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91





Design	Order no.	PU
Nominal mounting height 1.1 m		
white glossy [1]	# **1783 02**	1
polar white glossy [1]	# **1783 09**	1
Nominal mounting height 2.2 m		
white glossy	# **1788 02**	1
polar white glossy	# **1788 09**	1

[1] with cover to limit detection angle to 90°

Covers for blind switches/push-buttons

Rockers with imprint



Rocker 2gang with imprinted arrow symbol

– also for KNX applications: push-button, 2gang

Suitable for	Order no.	Page
Switch / push-button for blinds		page 112

Design	Order no.	PU
white glossy	# **1625 12**	10
polar white glossy	# **1625 19**	10



Rocker 2gang with imprinted arrows symbol

– also for KNX applications: group push-button, 2gang

Suitable for	Order no.	Page
Group series push-button, 4 NO contacts, common input terminal	5034 04	29

Design	Order no.	PU
white glossy	# **1644 02**	10
polar white glossy	# **1644 09**	10

Centre plates for rotary switches for blinds



Centre plate with rotary knob for rotary switch for blinds

– with imprint

Suitable for	Order no.	Page
Rotary switch for blinds		page 114
optional		
Interlock disk for rotary switch for blinds	1861	115

Design	Order no.	PU
white glossy	# **1080 02**	1
polar white glossy	# **1080 09**	1

Centre plates for key switches/key push-buttons for blinds



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 0 position



- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 2pole for centre plate with lock	3852	115
Switch for blinds 1pole for centre plate with lock	3851	115

Design	Order no.	PU
white glossy	# **1081 02**	1
polar white glossy	# **1081 09**	1



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 3 positions



- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 2pole for centre plate with lock	3852	115
Switch for blinds 1pole for centre plate with lock	3851	115

Design	Order no.	PU
white glossy	# **1082 02**	1
polar white glossy	# **1082 09**	1



Centre plate with lock and touch function for switch for blinds

- Key can be removed in 0 position



- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	115
Switch for blinds 2pole for centre plate with lock	3852	115

Design	Order no.	PU
white glossy	# **1083 02**	1
polar white glossy	# **1083 09**	1



Centre plate for key push-button for blinds/key switch

- with imprint
- for master-key systems

Suitable for	Order no.	Page
Push-button for blinds 1pole for lock cylinder	3831 10	118
Lock cylinder	1818 ..	75
Switch for blinds 2pole for lock cylinder	3822 10	118
Push-button for blinds 2pole for lock cylinder	3832 10	118

Design	Order no.	PU
white glossy	# **1506 12**	10
polar white glossy	# **1506 19**	10

Rollotec

RolloTec buttons



RolloTec button comfort for sensors

i 886

– only for sensor connection to terminal block

Suitable for	Order no.	Page
RolloTec inserts		page 121
optional		
RolloTec glass breakage sensor	170	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor	169	128
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor surface-mounted	184	128



Design	Order no.	PU
white glossy	# **1771 12**	1
polar white glossy	# **1771 49**	1



RolloTec button comfort

i 886

Suitable for	Order no.	Page
RolloTec inserts		page 121



Design	Order no.	PU
white glossy	# **1770 12**	1
polar white glossy	# **1770 49**	1



RolloTec memory button for sensors

i 886

Stored “up” and/or “down” time is run daily in automatic operation.

– only for sensor connection to terminal block

Suitable for	Order no.	Page
RolloTec inserts		page 121
optional		
RolloTec glass breakage sensor	170	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor surface-mounted	184	128
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor	169	128



Design	Order no.	PU
white glossy	# **1757 12**	1
polar white glossy	# **1757 49**	1



RolloTec memory button

i 886

Stored “up” and/or “down” time is run daily in automatic operation.

Suitable for	Order no.	Page
RolloTec inserts		page 121



Design	Order no.	PU
white glossy	# **1756 12**	1
polar white glossy	# **1756 49**	1

RolloTec time switches



RolloTec comfort time switch for sensors

i 890

- Display

Number of operation times for up/down 18

- with surface-mounted RolloTec brightness sensor, shutter and lamella position additionally settable
- when a surface-mounted RolloTec brightness sensor is connected, twilight-controlled lowering possible
- RolloTec brightness sensor for sun blind movement up/down can be connected
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

Suitable for	Order no.	Page
RolloTec inserts		page 121
optional		
RolloTec brightness sensor	169	128
RolloTec glass breakage sensor	170	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor surface-mounted	184	128
Magnetic contact	9251 0 ..	130

Design	Order no.	PU
white glossy	# **1775 02**	1
polar white glossy	# **1775 09**	1



RolloTec comfort time switch

i 890

- Display

Number of operation times for up/down 18

- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

Suitable for	Order no.	Page
RolloTec inserts		page 121

Design	Order no.	PU
white glossy	# **1774 02**	1
polar white glossy	# **1774 09**	1



RolloTec easy time switch

i 890

- Display

Number of operation times for up/down 2

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of operation times
- with quick programming mode
- programming possible for up to 6 h after removing insert
- with preset basic programme

Suitable for	Order no.	Page
RolloTec inserts		page 121

Design	Order no.	PU
white glossy	# **1762 02**	1
polar white glossy	# **1762 09**	1

HVAC controllers and covers

Thermostat



Thermostat, NO contact, with centre plate

i 884

- Time-controlled



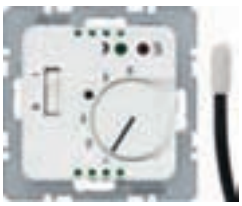
Rated voltage	230 V~
Frequency	50 Hz
Power consumption	≈ 1.2 W
Lithium cell power reserve [years]	≈ 10

- for floor heating, control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142
optional		
Temperature sensor	161	150



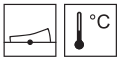
Design		Order no.	PU
white glossy	#	**2044 02**	1
polar white glossy	#	**2044 09**	1



Thermostat, NO contact, with centre plate, for underfloor heating

i 883

- Rocker switch
- External temperature sensor



Rated voltage	250 V~
Frequency	50/60 Hz

Suitable for	Order no.	Page
Centre plate for thermostat for underfloor heating	1672 0 ..	140
Valve drive 230 V	7590 00 76	142
replacement		
Temperature sensor	161	150



Design		Order no.	PU
white glossy	#	**2034 02**	1
polar white glossy	#	**2034 09**	1



Temperature controller, change-over contact, with centre plate

i 883

Rated voltage	250 V~
Frequency	50/60 Hz

- for heating or cooling mode

Suitable for	Order no.	Page
Centre plate for thermostat	1670 0 ..	140
Valve drive 230 V	7590 00 76	142



Design		Order no.	PU
white glossy	#	**2026 12**	1
polar white glossy	#	**2026 09**	1



Temperature controller, NC contact, with centre plate

i 883

- Rocker switch



Rated voltage	250 V~
Frequency	50/60 Hz

Suitable for	Order no.	Page
Centre plate for thermostat	1671 0 ..	141
Valve drive 230 V	7590 00 76	142



Design		Order no.	PU
white glossy	#	**2030 02**	1
polar white glossy	#	**2030 09**	1



Temperature controller, NC contact, with centre plate, 24 V AC/DC

i 883

- Rocker switch

Suitable for	Order no.	Page
Centre plate for thermostat	1671 0 ..	141
Valve drive 24 V AC/DC	7590 00 77	142

Rated voltage 24 V~/24 V=
Frequency 50/60 Hz

Design	Order no.	PU
white glossy	# **2031 02**	1
polar white glossy	# **2031 09**	1



Centre plate for thermostat for underfloor heating

- Rocker
- Setting knob

Suitable for	Order no.	Page
Thermostat, NO contact, with centre plate, for underfloor heating	2034 0 ..	135

Design	Order no.	PU
white glossy	# **1672 02**	1
polar white glossy	# **1672 09**	1



Centre plate for thermostat

- Setting knob

Suitable for	Order no.	Page
Temperature controller, change-over contact, with centre plate	2026 0 ..	137
Temperature controller, change-over contact, with centre plate	2026 1 ..	137

Design	Order no.	PU
white glossy	# **1670 02**	1
polar white glossy	# **1670 09**	1



Centre plate for thermostat

- Rocker
- Setting knob

Suitable for	Order no.	Page
Temperature controller, NC contact, with centre plate, 24 V AC/DC	2031 0 ..	139
Temperature controller, NC contact, with centre plate	2030 0 ..	138

Design	Order no.	PU
white glossy	# **1671 02**	1
polar white glossy	# **1671 09**	1

Central plates for sensor inserts



Central plate for sensor insert

Caution!
Use only with intermediate ring for central plate from the corresponding range.
Labelling field cannot be used.

Suitable for	Order no.	Page
Sensor insert	7594 10 01	141

Design	Order no.	PU
white glossy	**7594 04 02**	1
polar white glossy	**7594 04 09**	1

Rockers for heating emergency switches



Rocker with imprint “Heizung Notschalter”

- Red lens

Or use glass pane-protected heating emergency switch.

Not suitable for heating systems > 50 kW.

- for monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
white glossy	# **1707 02**	10
polar white glossy	# **1707 09**	10



Rocker with imprint “Heizung Notschalter - 0”

- Red lens

Or use glass pane-protected heating emergency switch.

Not suitable for heating systems > 50 kW.

- with imprint “0”
- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Multi-pole rocker switches		page 26

Design	Order no.	PU
white glossy	# **1708 02**	10
polar white glossy	# **1708 09**	10

Centre plates for air conditioner/fan controllers





Centre plate with rotary knob for 3-step switch

- with imprint

Suitable for	Order no.	Page
3-step switch	3861 ..	146

Design	Order no.	PU
without 0-position, imprint 2-1-3		
white glossy	# **1084 02**	1
polar white glossy	# **1084 09**	1
with 0-position, imprint 0-1-2-3		
white glossy	# **1096 02**	1
polar white glossy	# **1096 09**	1



Centre plate for speed controller

- Setting knob

- with imprinted symbol curve

Suitable for	Order no.	Page
Speed controllers	2968 01	147

Axis dimension Ø 4 mm

Design	Order no.	PU
white glossy	# **1137 22**	1
polar white glossy	# **1137 29**	10

Communication/multimedia technology

Covers data-/telecommunication



Centre plate with TAE cut-out

- also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
230 V USB charging socket outlet	2600 0 ..	173
Loudspeaker connection box	4572 0 ..	174
Stereo loudspeaker connection box	4573 0 ..	174
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584	163
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	162

Design		Order no.	PU
white glossy	#	**1033 02**	10
polar white glossy	#	**1033 09**	10



Central plate for FCC socket outlet

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet
- labelling field latchable

Suitable for	Order no.	Page
UAE socket outlets 1gang		page 157

Design	Order no.	PU
white glossy	**1468 02**	10
polar white glossy	**1468 09**	10



Central plate for FCC socket outlet 2gang

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet
- labelling field latchable

Suitable for	Order no.	Page
UAE socket outlets 2gang		page 160

Design	Order no.	PU
white glossy	**1469 02**	10
polar white glossy	**1469 09**	10



Centre plate with dust protection slider

- Labelling field



Labelling field height arranged for P-touch strips 9 mm.

- for supporting plates with coloured mounting device, 1gang, order no. 4540 .., see COMMUNICATION/ MULTIMEDIA TECHNOLOGY

Design		Order no.	PU
white glossy	#	**1170 02**	10
polar white glossy	#	**1170 09**	10



Centre plate with 2 dust protection sliders

- Labelling field



Labelling field height arranged for P-touch strips 9 mm.

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 .., see COMMUNICATION/ MULTIMEDIA TECHNOLOGY

Design		Order no.	PU
white glossy	#	**1181 02**	10
polar white glossy	#	**1181 09**	10



Central plate for 3 MINI-COM modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com dummy modules 1gang
- labelling field latchable

Design	Order no.	PU
white glossy	**1427 02**	10
polar white glossy	**1427 09**	10



Central plate for Reichle&De-Massari single modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

Design	Order no.	PU
white glossy	**1472 02**	10
polar white glossy	**1472 09**	10



Central plate for Reichle&De-Massari double module

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

Design	Order no.	PU
white glossy	**1461 02**	10
polar white glossy	**1461 09**	10



Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- labelling field latchable

Design	Order no.	PU
white glossy	**1463 02**	10
polar white glossy	**1463 09**	10



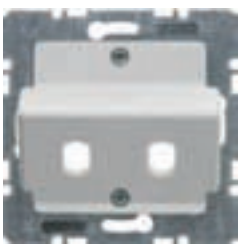
Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks cat.5, cat.5e and cat.6

Design	Order no.	PU
white glossy	**1464 02**	10
polar white glossy	**1464 09**	10



Central plate for fibre-optic couplings Simplex ST

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 2 fibre-optic couplings

Design	Order no.	PU
white glossy, 2gang	**1492 02**	10
polar white glossy, 2gang	**1492 09**	10



Central plate for fibre-optic couplings Duplex SC

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 1 or 2 fibre-optic couplings
- 1 knock out opening

Design	Order no.	PU
white glossy	**1480 02**	10
polar white glossy	**1480 09**	10

Covers for aerial sockets



Centre plate for aerial socket 2-/3hole

- with knock out SAT input

Suitable for	Order no.	Page
Aerial sockets		page 154

Design	Order no.	PU
white glossy	# **1200 02**	10
polar white glossy	# **1200 09**	10



Central plate for aerial socket 4hole (Ankaro)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

Suitable for	Order no.	Page
Aerial socket 4hole single box	4594	156

Design	Order no.	PU
white glossy	**1484 02**	10
polar white glossy	**1484 09**	10



Central plate for aerial socket 4hole (Hirschmann)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

Design	Order no.	PU
white glossy	**1483 02**	10
polar white glossy	**1483 09**	10



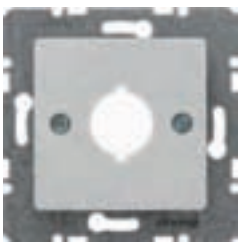
Central plate for broadband modem socket (Wisi)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with additional multimedia output

Design	Order no.	PU
white glossy	# **1439 02**	10
polar white glossy	# **1439 09**	10

Central plates for signalling and command units



Central plate with installation opening Ø 18.8 mm

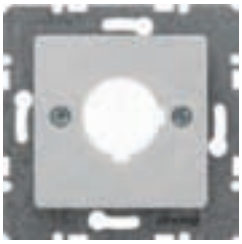
Screw spacing 36 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with cut-out dia. 18.8 mm
- labelling field latchable

Suitable for optional	Order no.	Page
Built-in socket for floating output	4604 ..	671

Design	Order no.	PU
white glossy	**1431 02**	10
polar white glossy	**1431 09**	10



Central plate with installation opening Ø 22.5 mm

Screw spacing 36 mm

- with cut-out dia. 22.5 mm
- labelling field latchable

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Installation aperture according to IEC 60947-5-1

Design	Order no.	PU
white glossy	**1432 02**	10
polar white glossy	**1432 09**	10

Covers Audio

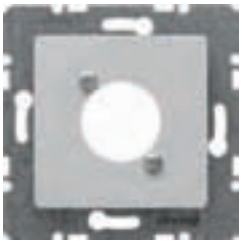


Centre plate for loudspeaker socket outlet

- 1 knock out opening

Suitable for	Order no.	Page
Entry for small connector	4505 ..	176

Design	Order no.	PU
white glossy	# **1196 02**	10
polar white glossy	# **1196 09**	10



Central plate for XLR D-series connector

Cut-out Ø 23.6 mm

Screw spacing (horizontal/vertical) 19/24 mm

- speakon and jack connector
- labelling field latchable

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Design	Order no.	PU
white glossy	**1412 02**	10
polar white glossy	**1412 09**	10

Video socket outlets



VGA socket outlet i 912

Frequency range video max. 160 MHz

Resolution max. 1280 x 1024 px

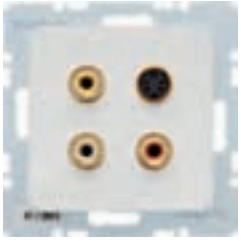
- with 15pole D-subminiature double jack
- S-VGA compatible
- with 15pole D-subminiature jack (front)

VGA

Design	Order no.	PU
with double jack		
white glossy	# **3315 40 02**	10
polar white glossy	# **3315 40 09**	10
back side, with screw-in lift terminals		
white glossy [1]	# **3315 41 02**	10
polar white glossy, with screw-in lift terminals [1]	# **3315 41 09**	10

[1] for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²

Multimedia sockets



3 x Cinch/S-Video socket outlet i 915

Frequency range audio 20 ... 20000 Hz

Frequency range video max. 160 MHz

- gold-plated contacts
- 1 cinch double jack for video connection (yellow)
- 2 cinch double jacks for audio connection (red, white)
- S-Video double jack

S-Video CINCH

Design	Order no.	PU
white glossy	# **3315 32 02**	10
polar white glossy	# **3315 32 09**	10



High definition socket outlet

i 915

Transmission rate	max. 8.16 Gbit/s	– gold-plated contacts
Resolution	max. 1920 x 1080 px	– with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)

HDMI

Design		Order no.	PU
back side, with straight socket			
white glossy	#	**3315 42 02**	10
polar white glossy	#	**3315 42 09**	10
back side, with 90° angle socket			
white glossy	#	**3315 43 02**	10
polar white glossy	#	**3315 43 09**	10



USB/3.5 mm audio socket outlet

i 915

USB transmission rate	max. 480 Mbit/s	– double jack gold-plated 3.5 mm, stereo
Frequency range audio	20 ... 20000 Hz	– USB double jack type A, USB 2.0 capable

Design		Order no.	PU
white glossy	#	**3315 39 02**	10
polar white glossy	#	**3315 39 09**	10

Consumer electronics



Berker Radio Touch

- Loudspeaker

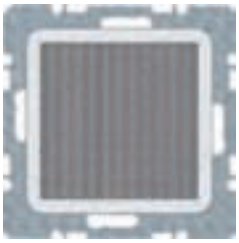
Operating voltage	230 V~
Frequency	50/60 Hz
Frequency range	87.5 ... 108 MHz
For loudspeakers	per channel 4 ... 8 Ω
Conductor cross-section	max. 2.5 mm²
Insertion depth	33 mm
Dimensions of display (W x H)	35 x 28 mm

- stereo FM radio with RDS display
- with one loudspeaker
- illuminated touch graphics display
- time and date display
- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- external audio input, e.g. for MP3 player or docking station

Suitable for optional	Order no.	Page
Loudspeaker		page 289
Docking station		page 290

FM

Design		Order no.	PU
polar white glossy	#	**2880 09**	1



Loudspeaker

Impedance	8 Ω
Nominal/music power handling	4/8 W
Conductor cross-section (flexible)	0.75 mm²
Pre-assembled cable	≈ 0.3 m
Insertion depth	22.5 mm

- confectioned, with 2-core, double-insulated, flexible cable

Suitable for	Order no.	Page
Berker Radio Touch		page 289
Docking station		page 290

Design		Order no.	PU
polar white glossy	#	**2882 09**	1



Docking station

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	max. 3.5 V
Number of loudspeakers (4 Ω)	1
Number of loudspeakers (8 Ω)	2
Number of loudspeakers (20 Ω)	5
Insertion depth	36 mm

- buttons for volume control
- stereo Line-Out for connection to the radio touch
- AUX input mini stereo jack for audio source (line or headphones output), e.g. MP3 player
- with 30pole plug connector for iPod and iPhone*

Suitable for	Order no.	Page
Berker Radio Touch		page 289
Loudspeaker		page 289

* iPod and iPhone are registered trademarks of Apple Inc.

Design		Order no.	PU
polar white glossy	#	**2883 09**	1

Covers for pilot lamps



Centre plate for push-button/pilot lamp E10

Cut-out Ø	27.3 mm

- centre plate for plug-in fixing

Suitable for	Order no.	Page
Covers and push-buttons		page 71
LED lamp E10		page 70
Neon lamp E10		page 71
Push-button/pilot lamp E10, NO contact	5101 ..	63

Design		Order no.	PU
white glossy	#	**1234 02**	10
polar white glossy	#	**1234 09**	10



Centre plate for push-button/pilot lamp E10

- Labelling field



Cut-out Ø	27.3 mm

For push-buttons and covers, see “Supplementary products”.

For push-buttons with hinged covers, use hinged cover, order no. 1140.

Labelling field height designed for 9 mm P-touch strips.

- centre plate for plug-in fixing

Suitable for	Order no.	Page
Covers and push-buttons		page 71
LED lamp E10		page 70
Neon lamp E10		page 71
Push-button/pilot lamp E10, NO contact	5101 ..	63

Design		Order no.	PU
white glossy	#	**1235 02**	10
polar white glossy	#	**1235 09**	10



Centre plate for pilot lamp E14

Suitable for	Order no.	Page
Covers and push-buttons		page 71
LED lamp E14		page 71
Incandescent lamp E14		page 71
Pilot lamp E14	5131 02	65

Design		Order no.	PU
white glossy	#	**1198 02**	10
polar white glossy	#	**1198 09**	10



Cover for info pilot lamp

i 878

Current consumption	25 mA
Power, LED	800 mW
Service life of the LED	≈ 25000 h

Printed labels supplied: “Nicht eintreten”, “Besetzt”, “Bitte eintreten”, “Bitte Ruhe”, “Bitte warten”.

- with clear cover plate
- with 4 light intensive LEDs
- very long LED lifetime

Suitable for	Order no.	Page
Cover plate for info pilot lamp	1289 ..	72
Info pilot lamp	2949	66

Design		Order no.	PU
white glossy	#	**1345 02**	1
polar white glossy	#	**1345 09**	1

Supplementary products

Blind plates



Blind plug with centre plate

- on supporting plate without cut-out

Design		Order no.	PU
without spreader claws			
white glossy	#	**1009 02**	20
polar white glossy	#	**1009 19**	20
with base and spreader claws			
white glossy	#	**6710 09 02**	10
polar white glossy	#	**6710 09 09**	10



Centre plate for cable outlet

Suitable for	Order no.	Page
Cable outlet with low installation depth	4468	171
Cable outlet	4470	170

Design		Order no.	PU
white glossy	#	**1019 02**	10
polar white glossy	#	**1019 09**	10

Intermediate rings



Adapter ring for centre plate 50 x 50 mm

Caution!
Not suitable for Berker central plates.
For centre plate as per according to DIN 49075

- for other centre plates with external size 50 x 50 mm

Design		Order no.	PU
white glossy	#	**1143 02**	10
polar white glossy	#	**1143 09**	10



Intermediate ring for central plate

Also suitable for additional centre plates 50 x 50 mm of other manufacturers according to DIN 49075 Part 1 and 2.
Use of the labelling field is normally possible.

- also suitable for 50 x 50 mm centre plate with square cut-out
- labelling field latchable

Suitable for	Order no.	Page
optional		
Labelling field for intermediate ring	1905 00 02	226

Design		Order no.	PU
white glossy	#	**1109 02**	10
polar white glossy	#	**1109 09**	10



Labelling field for intermediate ring

Labelling field height arranged for P-touch strips 9 mm.

Design		Order no.	PU
white glossy	#	**1905 02**	10
polar white glossy	#	**1905 69**	10



Frame with hinged cover for centre plate 50 x 50 mm

For centre plate as per according to DIN 49075

Design		Order no.	PU
white glossy	#	**1022**	10
polar white glossy	#	**1022 09**	10

Base plates



Base plate 1gang, self-extinguishing

For surface-mounted frames of the design lines:
- Modul 2
- Berker Q.1
- Berker Arsys

– with imprint
– for surface-mounted frame 1gang
– for mounting on combustible base surface

Suitable for	Order no.	Page
Frame surface-mounted		page 301

Design	Order no.	PU
white	**1021 12**	10



Base plate 2gang, self-extinguishing

For surface-mounted frames of the design lines:
- Modul 2
- Berker Q.1
- Berker Arsys

– with imprint
– for surface-mounted frame 2gang
– for mounting on combustible base surface

Suitable for	Order no.	Page
Frame surface-mounted		page 301

Design	Order no.	PU
white	**1021 22**	10



Base plate 3gang, self-extinguishing

For surface-mounted frames of the design lines:
- Modul 2
- Berker Q.1
- Berker Arsys

– with imprint
– for surface-mounted frame 3gang
– for mounting on combustible base surface

Suitable for	Order no.	Page
Frame surface-mounted		page 301

Design	Order no.	PU
white	**1021 32**	10

Hotel applications

Centre plates for hotel card switches



Centre plate with imprint for push-button for hotel card

- Red lens

– for push-button for hotel card

Suitable for	Order no.	Page
Push-button for hotel card		page 76

Card width max. 54 mm

Other imprint on request!

Design		Order no.	PU
white glossy	#	**1640 02**	10
polar white glossy	#	**1640 09**	10

Barrier-free construction

The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

SCHUKO socket outlets



SCHUKO socket outlet with hinged cover for barrier-free construction

- Tactile symbol

– with plug-in terminals

i 853

Suitable for	Order no.	Page
	1011 45	300

Rated voltage 250 V~
Rated current 16 A

Connection terminals according to IEC 60884-1

Design	Order no.	PU
polar white glossy	# **4786 49**	10



SCHUKO socket outlet with hinged cover for barrier-free construction

- Tactile symbol
- enhanced contact protection
- Installation position variable in 45° steps

– with plug-in terminals

i 853

Suitable for	Order no.	Page
	1011 45	300

Rated voltage 250 V~
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.
Connection terminals according to IEC 60884-1

Design	Order no.	PU
polar white glossy	# **4744 49**	10

Rockers



Rocker for barrier-free construction

- Guide for mouth rod
- Lens

– for illumination and monitoring circuit
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
	1011 45	300

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.
Barrier-free building based on based on DIN 18025

Design	Order no.	PU
polar white glossy	# **1661 49**	10



Rocker for barrier-free construction

- Tactile light symbol
- Red lens

– for illumination and monitoring circuit
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
	1011 45	300

Barrier-free building based on based on DIN 18025

Design	Order no.	PU
polar white glossy	# **1651 49**	10



Rocker for barrier-free construction

- Tactile bell symbol
- Red lens

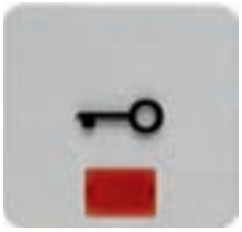
The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

Barrier-free building based on based on DIN 18025

- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang

Suitable for	Order no.	Page
Rocker push-buttons		page 20
	1011 45	300

Design	Order no.	PU
polar white glossy	# **1651 59**	10



Rocker for barrier-free construction

- Tactile symbol for door opener
- Red lens

Barrier-free building based on based on DIN 18025

- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang

Suitable for	Order no.	Page
Rocker push-buttons		page 20
	1011 45	300

Design	Order no.	PU
polar white glossy	# **1651 69**	10

Hospital installation

Central plates for hospital installation



Central plate for socket outlet for floating output

Caution!
Use only with intermediate ring for central plate from the corresponding range.

For double pole socket outlet for floating output according to DIN 42801

- with imprint

Suitable for	Order no.	Page
Socket outlet for floating output	1061	670

Design	Order no.	PU
white glossy	**1403 02**	10
polar white glossy	**1403 09**	10



Central plate for 6pole socket outlet

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90 / clino phon 95	71008C
clino opt 99	71008C3
6pole socket outlets	
Hirschmann: Medu 600 GSK	

Design	Order no.	PU
white glossy	**1474 02**	10
polar white glossy	**1474 09**	10

Centre plates for Ackermann inserts



Centre plate for nurse call system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	72642C 72639A 71197A 72642B

Design	Order no.	PU
polar white glossy	# **1204 49**	10



Centre plate with plug-in opening for nurse call systems

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73070A

Design	Order no.	PU
polar white glossy	# **1298 49**	10



Centre plate for dropping plug-and-socket connector

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- a-coded for dropping plug-and-socket connector

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	74189A

Design	Order no.	PU
polar white glossy	# **1305 49**	10



Centre plate with 2 plug-in openings and imprint, for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73075C 73020G 73021G 73075D

Design	Order no.	PU
polar white glossy	# **1244 49**	10



Centre plate with plug-in opening, red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and monitored auxiliary plug-in contact
- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73071E 73071E2 73075A 73073E

Design	Order no.	PU
polar white glossy	# **1217 49**	10



Centre plate with 2 plug-in openings, imprint and red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and plug-in contacts
- for call push-button with diagnostic and auxiliary plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73071D 73071D2 73075B 73073D

Design	Order no.	PU
polar white glossy	# **1218 49**	10



Centre plate with red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73071F 73071F2 73073F

Design	Order no.	PU
polar white glossy	# **1216 49**	10



Centre plate with red button at bottom

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

Design	Order no.	PU
polar white glossy	# **1219 49**	10



Centre plate with green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642C

Design	Order no.	PU
polar white glossy	# **1251 49**	10



Centre plate with yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642D

Design	Order no.	PU
polar white glossy	# **1252 49**	10



Centre plate with blue button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

Design	Order no.	PU
polar white glossy	# **1223 49**	10



Centre plate with white button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- button with lens
- centre plate for plug-in fixing
- for office unit

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73640J

Design	Order no.	PU
polar white glossy	# **1308 59**	10



Centre plate with red + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button and shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642B2

Design	Order no.	PU
polar white glossy	# **1249 49**	10



Centre plate with green + yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642E

Design	Order no.	PU
polar white glossy	# **1253 49**	10



Centre plate with white + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint “SU-AUS WARTEN”
- buttons with lens
- centre plate for plug-in fixing
- for office unit

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642B

Design	Order no.	PU
polar white glossy	# **1299 49**	10



Centre plate for pneumatic call switch

- Lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70006A 70006B
clino opt 99	70006C

Design	Order no.	PU
polar white glossy	# **1236 49**	10



Centre plate for pullcord push-button

- Lens

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for pullcord push-button with pullcord and knob
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70045A3 70046A3 70046A

Design	Order no.	PU
polar white glossy	# **1233 49**	10



Centre plate with imprinted symbol curve for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for earpiece and volume control

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120C 73120H

Design	Order no.	PU
polar white glossy	# **1300 49**	10



Centre plate with imprint “0 - 1 - 2 - 3 - 4 - 5” for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120A

Design	Order no.	PU
polar white glossy	# **1301 49**	10

Centre plates for Total Walther (Zettler) inserts



Centre plate for socket outlet 15gang

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for pear push-button, diagnostic units etc.

Manufacturer product line	Art. No.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.891xS 125.850xS

Design	Order no.	PU
white glossy	# **1288 22**	10
polar white glossy	# **1288 29**	10



Centre plate for call unit with push-button + socket outlet 15pole

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for pear push-button, diagnostic units etc.

Manufacturer product line	Art. No.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.840xS 125.841xS 125.842xS 125.843xS

Design	Order no.	PU
white glossy	# **1288 32**	10
polar white glossy	# **1288 39**	10



Centre plate for call unit with 2 push-buttons + socket outlet 15pole

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for pear push-button, diagnostic units etc.

Manufacturer product line	Art. No.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.830xS 125.831xS 125.832xS

Design		Order no.	PU
white glossy	#	**1288 42**	10
Centre plate for call unit with 2 push-buttons + socket outlet 15pole	#	**1288 49**	10



Centre plate for call unit with push-button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.810xS 125.811xS 125.812xS 125.813xS 125.814xS 125.815xS 125.816xS 125.892xS 125.893xS

Design		Order no.	PU
white glossy	#	**1288 02**	10
polar white glossy	#	**1288 09**	10



Centre plate for call unit with 2 push-buttons

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.892xS 125.893xS 125.820xS 125.821xS 125.822xS 125.823xS 125.824xS 125.825xS 125.826xS 125.827xS 125.891xS

Design		Order no.	PU
white glossy	#	**1288 12**	10
polar white glossy	#	**1288 19**	10

Centre plate for pneumatic call switch

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with quiet lamp
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Total Walther: Zettler Medicall 800	125.860xS 125.861xS

Design		Order no.	PU
white glossy	#	**1288 52**	10
polar white glossy	#	**1288 59**	10



Centre plate for buzzer

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Total Walther: Zettler Medicall 800 IP	125.800xS

Design	Order no.	PU
white glossy	# **1288 62**	10
polar white glossy	# **1288 69**	10

Frames



Frame

i 916

- for vertical and horizontal mounting

Design	Order no.	PU
white glossy, 1gang	# **1011 02**	10
white glossy, 2gang	# **1012 02**	10
white glossy, 3gang	# **1013 02**	10
white glossy, 4gang	# **1014 02**	2
white glossy, 5gang	# **1015 02**	2



Frame

i 916

- for vertical and horizontal mounting

Design	Order no.	PU
polar white glossy, 1gang	# **1011 09**	10
polar white glossy, 2gang	# **1012 09**	10
polar white glossy, 3gang	# **1013 09**	10
polar white glossy, 4gang	# **1014 09**	2
polar white glossy, 5gang	# **1015 09**	2



Frame

i 916

- for emphasising special switches, socket outlets, etc.
- for vertical and horizontal mounting

Design	Order no.	PU
red glossy, 1gang	# **1011 62**	10
red glossy, 2gang	# **1012 62**	10
red glossy, 3gang	# **1013 62**	10
red glossy, 4gang	# **1014 62**	2
red glossy, 5gang	# **1015 62**	2



Kontrastrahmen_AG

i 916

Barrier-free building based on based on DIN 18025

Suitable for	Order no.	Page
Barrier-free construction		page 293

Design	Order no.	PU
black glossy	# **1011 45**	10



Frame

Not suitable for surface-mounted frames.

- suitable for cable ducts with lid 80
- for vertical and horizontal mounting

Design	Order no.	PU
white glossy, 1gang	# **1011 22**	10
white glossy, 2gang	# **1012 22**	2
white glossy, 3gang	# **1013 22**	2



Frame

Not suitable for surface-mounted frames.

- suitable for cable ducts with lid 80
- for vertical and horizontal mounting

Design	Order no.	PU
polar white glossy, 1gang	# **1011 29**	10
polar white glossy, 2gang	# **1012 29**	2
polar white glossy, 3gang	# **1013 29**	2



Frame

Not suitable for surface-mounted frames.

- for emphasising special switches, socket outlets, etc.
- suitable for cable ducts with lid 80
- for vertical and horizontal mounting

Design	Order no.	PU
red glossy, 1gang	# **1011 72**	10
red glossy, 2gang	# **1012 72**	2

Surface mounted frames



Frame surface-mounted

Insertion depth 33.5 mm

Flush-mounted devices can be used with surface-mounted frames for surface-mounted installation.

- entry at top and bottom possible
- with cable and duct entry

Suitable for optional	**Order no.**	**Page**
Base plates		page 292
Entries/connectors		page 650

Design	Order no.	PU
white glossy, 1gang	**1029 00 02**	10
white glossy, 2gang	**1030 00 02**	10
white glossy, 3gang	**1031 00 02**	5
polar white glossy, 1gang	**1029 00 69**	10
polar white glossy, 2gang	**1030 00 69**	10
polar white glossy, 3gang	**1031 00 69**	5
red glossy, 1gang	**1029 00 62**	10
red glossy, 2gang	**1030 00 62**	10
red glossy, 3gang	**1031 00 62**	5
black glossy, 1gang	**1029 00 65**	10

Berker Q.1 / Q.3

Quality always comes at a price, but the Berker Q.1 and Q.3 are noteworthy exceptions. They also excel through an unusually attractive price performance ratio.

- The quality of design can be seen in the fact that the centre plates and at the upper edge of the frame, creating a flat contour



Frames / Covers / Central inserts

Plastic, silky	
polar white	similar to RAL 9010
anthracite	similar to RAL 7021
red	similar to RAL 3003
green	similar to RAL 6029
orange	similar to RAL 2003

Schuko socket outlets	304
International socket outlet systems	311
Covers for switches/push-buttons	315
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Communication/Multimedia Technology	330
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Covers for pilot lamps	336
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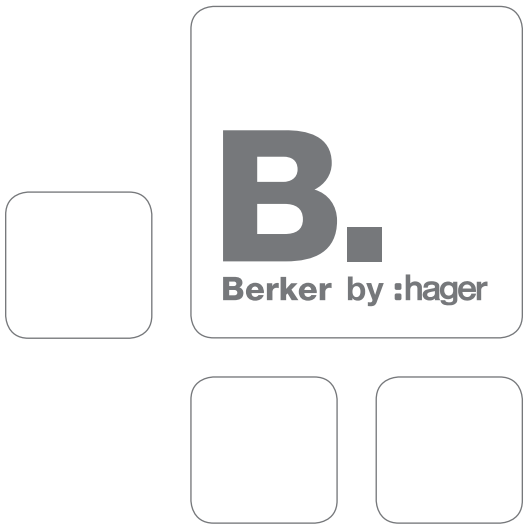
Hotel applications	339
Barrier-free construction	339
Hospital installation	341



SCHUKO socket outlets

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

New



SCHUKO socket outlet i 853

Rated voltage 250 V~
Rated current 16 A

- with plug-in terminals

Design	Order no.	PU
polar white velvety	**4743 60 89**	10
anthracite velvety, lacquered	* **4743 60 86**	10

New



SCHUKO socket outlet i 853

- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A

- with plug-in terminals

Design	Order no.	PU
polar white velvety	**4723 60 89**	10
anthracite velvety, lacquered	* **4723 60 86**	10

New



SCHUKO socket outlet i 853

- Screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

- with screw-in lift terminals

Design	Order no.	PU
polar white velvety	**4143 60 89**	10
anthracite velvety, lacquered	* **4143 60 86**	10

New



SCHUKO socket outlet i 853

- enhanced contact protection
- Screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

- with screw-in lift terminals

Design	Order no.	PU
polar white velvety	**4123 60 89**	10
anthracite velvety, lacquered	* **4123 60 86**	10

New



SCHUKO socket outlet 45°

i 853

Rated voltage 250 V~
Rated current 16 A

– for diagonal installation
– with plug-in terminals

Specially suited to combinations of several socket outlets if right angle plugs are used.

Design	Order no.	PU
polar white velvety	**4727 60 89**	10
anthracite velvety, lacquered	* **4727 60 86**	10

New



SCHUKO socket outlet

i 853

- Labelling field

– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white velvety	**4750 60 89**	10
anthracite velvety, lacquered	* **4750 60 86**	10

New



SCHUKO socket outlet

i 853

- Labelling field
- enhanced contact protection

– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white velvety	**4749 60 89**	10
anthracite velvety, lacquered	* **4749 60 86**	10

New



SCHUKO socket outlet

i 853

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white velvety	**4149 60 89**	10
anthracite velvety, lacquered	* **4149 60 86**	10

New



SCHUKO socket outlet with LED orientation light

i 853

- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Conductor cross-section (rigid)	max. 2.5 mm²

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

Design	Order no.	PU
polar white velvety	* **4109 60 89**	10
anthracite velvety, lacquered	* **4109 60 86**	10

New



SCHUKO socket outlet with control LED

i 853

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.

- with screw-in lift terminals

Design	Order no.	PU
polar white velvety	**4110 60 89**	10
anthracite velvety, lacquered	* **4110 60 86**	10

New



Double SCHUKO socket outlet with cover plate

i 853

- enhanced contact protection

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

For installation in 1gang wall boxes according to according to DIN 49073-1

- with plug-in terminals

Design	Order no.	PU
polar white velvety	**4729 60 89**	10
anthracite velvety, lacquered	* **4729 60 86**	10

New



Combination SCHUKO socket outlet 2gang with frame

i 853

Rated voltage	250 V~
Rated current	16 A

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

- without spreader claws
- 2 x 1gang, wired-through
- with plug-in terminals

Design	Order no.	PU
Berker Q.1		
polar white velvety	**4720 60 89**	5
anthracite velvety, lacquered	* **4720 60 86**	5

SCHUKO socket outlets with hinged cover

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

New



SCHUKO socket outlet with hinged cover

i 853

Rated voltage 250 V~
Rated current 16 A

- with hinged cover that falls back
- with imprint
- with plug-in terminals

Design		Order no.	PU
polar white velvety		**4751 60 69**	10
anthracite velvety, lacquered	*	**4751 60 66**	10

New



SCHUKO socket outlet with hinged cover

i 853

- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A

- with hinged cover that falls back
- with imprint
- with plug-in terminals

Design		Order no.	PU
polar white velvety		**4751 60 79**	10
anthracite velvety, lacquered	*	**4751 60 76**	10

New



SCHUKO socket outlet with hinged cover

i 853

- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A

- with self-closing hinged covers
- with imprint
- with plug-in terminals

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	336

Design		Order no.	PU
polar white velvety		**4751 60 89**	10
anthracite velvety, lacquered	*	**4751 60 86**	10

New



SCHUKO socket outlet with hinged cover

i 853

- enhanced contact protection
- Installation position variable in 45° steps

Rated voltage 250 V~
Rated current 16 A

- with hinged cover that falls back
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

Specially suited to combinations of several socket outlets if right angle plugs are used.

Design		Order no.	PU
polar white velvety		**4744 60 89**	10
anthracite velvety, lacquered	*	**4744 60 86**	10

New



SCHUKO socket outlet with hinged cover

i 853

- Labelling field
- enhanced contact protection
- Installation position variable in 45° steps



Rated voltage	250 V~
Rated current	16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

Labelling field height designed for 6 mm P-touch strips.

- with hinged cover that falls back
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

Design		Order no.	PU
polar white velvety		**4746 60 89**	10
anthracite velvety, lacquered	*	**4746 60 86**	10

New



SCHUKO socket outlet with hinged cover

i 853

- Labelling field
- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.

- with self-closing hinged covers
- with imprint
- with plug-in terminals

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	336

Design		Order no.	PU
polar white velvety		**4752 60 89**	10
anthracite velvety, lacquered	*	**4752 60 86**	10

SCHUKO socket outlets with safety device

New



SCHUKO socket outlet with overvoltage protection

i 882

- Labelling field
- Screw terminals



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.

Overvoltage protection to according to EN 61643 and VDE 0675-6-11

- with imprint
- with indicator LED for “on/error”
- with acoustic fault signal
- with screw terminals

Design		Order no.	PU
polar white velvety		**4108 60 89**	1
anthracite velvety, lacquered	*	**4108 60 86**	1

New



SCHUKO socket outlet with residual current circuit-breaker

i 909

- enhanced contact protection

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Measurement error current	30 mA
Trigger time	≤ 30 ms
Surge current resistance	250 A (8/20) µs
Short-circuit resistance (with back-up fuse 20 AgL)	3 kA

- to protect connected and downstream loads
- type A for alternating currents and pulsating direct currents
- with plug-in terminals

Through-wired socket outlets are also protected.
Tested conform according to VDE 0664 (EN 61008)
Suitable for use according to according to DIN VDE 0100-410

Design	Order no.	PU
polar white velvety	**4708 60 89**	1
anthracite velvety, lacquered	* **4708 60 86**	1

SCHUKO socket outlets for special applications

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.



SCHUKO socket outlet

i 853

Rated voltage	250 V~
Rated current	16 A

- with plug-in terminals

Insert colour-coded.

Design	Order no.	PU
red velvety	**4743 60 12**	10
green velvety	**4743 60 13**	10
orange velvety	**4743 60 14**	10



SCHUKO socket outlet

i 853

- Screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A

- with screw-in lift terminals

Insert colour-coded.

Design	Order no.	PU
red velvety	**4143 60 12**	10
green velvety	**4143 60 13**	10
orange velvety	**4143 60 14**	10



SCHUKO socket outlet with imprint

i 853

Rated voltage	250 V~
Rated current	16 A

- with plug-in terminals

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

Design	Order no.	PU
polar white velvety, Imprint “EDV” in black	**4743 60 09**	10
polar white velvety, Imprint “EDV” in red	**4743 60 79**	10
polar white velvety, Imprint “SV” in green	**4743 60 39**	10
polar white velvety, Imprint “ZSV” in orange	**4743 60 49**	10



SCHUKO socket outlet with imprint i 853

Rated voltage 250 V~ – with plug-in terminals
Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

Design	Order no.	PU
red velvety, Imprint “EDV”	**4743 60 22**	10
green velvety, Imprint “SV”	**4743 60 03**	10
orange velvety, Imprint “ZSV”	**4743 60 07**	10



SCHUKO socket outlet i 853

- Labelling field

– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

Design	Order no.	PU
red velvety	**4750 60 02**	10
green velvety	**4750 60 03**	10
orange velvety	**4750 60 07**	10



SCHUKO socket outlet with imprint i 853

- Labelling field

– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.
Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
red velvety, Imprint “EDV”	**4750 60 15**	10
green velvety, Imprint “SV”	**4750 60 13**	10
orange velvety, Imprint “ZSV”	**4750 60 14**	10



SCHUKO socket outlet with control LED and imprint i 853

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.
Labelling field height arranged for P-touch strips 6 mm.
Execution SV, ZSV to according to VDE 0100-710

Design	Order no.	PU
red velvety, Imprint “EDV”	**4110 60 15**	10
green velvety, Imprint “SV”	**4110 60 13**	10
orange velvety, Imprint “ZSV”	**4110 60 14**	10



SCHUKO socket outlet with hinged cover and imprint

i 853

Rated voltage 250 V~
Rated current 16 A

- with hinged cover that falls back
- with plug-in terminals

Design	Order no.	PU
polar white velvety, Imprint “EDV” in red	**4751 60 59**	10
polar white velvety, Imprint “SV” in green	**4751 60 39**	10
polar white velvety, Imprint “ZSV” in orange	**4751 60 49**	10



SCHUKO socket outlet with hinged cover and imprint

i 853

- Labelling field
- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

- with self-closing hinged covers
- with plug-in terminals

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	336

Design	Order no.	PU
polar white velvety, Imprint “EDV” in red	**4752 60 59**	10
polar white velvety, Imprint “SV” in green	**4752 60 39**	10
polar white velvety, Imprint “ZSV” in orange	**4752 60 49**	10



SCHUKO socket outlet with overvoltage protection

i 882

- Labelling field
- Screw terminals

Rated voltage 250 V~
Frequency 50/60 Hz
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.
Overvoltage protection to according to EN 61643 and VDE 0675-6-11

- with imprint
- with indicator LED for “on/error”
- with acoustic fault signal
- with screw terminals

Design	Order no.	PU
red velvety	**4108 60 62**	1

International socket outlet systems

- Connection terminals according to IEC 60884-1
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1

Socket outlets without earthing contact

New



Socket outlet without earthing contact

i 853

Rated voltage 250 V~
Rated current 16 A

- 2pole
- without spreader claws
- with plug-in terminals

Design	Order no.	PU
polar white velvety	**61 6703 60 89**	10
anthracite velvety, lacquered	* **61 6703 60 86**	10

New



Socket outlet without earthing contact

- enhanced contact protection



– 2pole
– without spreader claws
– with plug-in terminals

i 853

Rated voltage 250 V~
Rated current 16 A



Design	Order no.	PU
polar white velvety	**61 6733 60 89**	10
anthracite velvety, lacquered	* **61 6733 60 86**	10

New



Socket outlet without earthing contact

- Screw terminals



– 2pole
– with screw terminals

i 853

Rated voltage 250 V~
Rated current 16 A



Design	Order no.	PU
polar white velvety	**61 6103 60 89**	10
anthracite velvety, lacquered	* **61 6103 60 86**	10

Socket outlets with earthing pin

New



Socket outlet with earthing pin

- enhanced contact protection



– 2pole + earth
– with plug-in terminals

i 853

Rated voltage 250 V~
Rated current 16 A



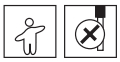
Design	Order no.	PU
polar white velvety	**67 6876 60 89**	10
anthracite velvety, lacquered	* **67 6876 60 86**	10

New



Socket outlet with earthing pin

- enhanced contact protection
- Screw-in lift terminals



– 2pole + earth
– with screw-in lift terminals

i 853

Rated voltage 250 V~
Rated current 16 A



Design	Order no.	PU
polar white velvety	**67 6576 60 89**	10
anthracite velvety, lacquered	* **67 6576 60 86**	10

New



Socket outlet with earthing pin and LED orientation light

i 853

- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Conductor cross-section (rigid)	max. 2.5 mm²

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- 2pole + earth
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

Design	Order no.	PU
polar white velvety	* **67 6510 60 89**	10
anthracite velvety, lacquered	* **67 6510 60 86**	10

New



Socket outlet with earth contact pin and monitoring LED

i 853

- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A

- 2pole + earth
- with screw-in lift terminals

Design	Order no.	PU
polar white velvety	**67 6509 60 89**	10
anthracite velvety	* **67 6509 60 86**	10

New



Socket outlet with earthing pin and hinged cover

i 853

- enhanced contact protection

Rated voltage	250 V~
Rated current	16 A

- with hinged cover that falls back
- with imprint
- 2pole + earth
- with plug-in terminals

Design	Order no.	PU
polar white velvety	**67 6877 60 89**	10
anthracite velvety, lacquered	* **67 6877 60 86**	10

New



Socket outlet with earthing pin and hinged cover

i 853

- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A

- with hinged cover that falls back
- with imprint
- 2pole + earth
- with screw-in lift terminals

Design	Order no.	PU
polar white velvety	**67 6583 60 89**	10
anthracite velvety, lacquered	* **67 6583 60 86**	10

Socket outlets with earthing pin for special applications



Socket outlet with earthing pin

i 853

- enhanced contact protection

– 2pole + earth
– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
red velvety	**67 6876 60 12**	10
green velvety	**67 6876 60 13**	10
orange velvety	**67 6876 60 14**	10



Socket outlet with earthing pin

i 853

- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
red velvety	**67 6576 60 12**	10
green velvety	**67 6576 60 13**	10
orange velvety	**67 6576 60 14**	10



Socket outlet with earth contact pin and monitoring LED

i 853

- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
red velvety	**67 6509 60 15**	10
green velvety	**67 6509 60 13**	10
orange velvety	**67 6509 60 14**	10

British Standard socket outlets



Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off

- enhanced contact protection
- Screw terminals

– without spreader claws
– 2pole + earth
– with screw terminals

Rated voltage 250 V~
Rated current 13 A

Design	Order no.	PU
white glossy	# **3342 02 12**	10
polar white glossy	# **3342 02 19**	10
anthracite matt	# **3342 02 16**	10
brown glossy	# **3342 02 11**	10

New



Centre plate for socket outlets, British Standard, can be switched off

Suitable for	Order no.	Page
Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off	3342 02 ..	199

Design		Order no.	PU
polar white velvety	*	**33 1307 60 89**	10
anthracite velvety	*	**33 1307 60 86**	10

NEMA-socket outlets

New



Socket outlet with earthing contact USA/CANADA NEMA 5-15 R

i 853

- Screw terminals

– 2pole + earth
– without spreader claws
– with screw terminals

Rated voltage 125 V~
Rated current 15 A

Not UL-certified.
Standard NEMA 5-15 R

Design		Order no.	PU
polar white velvety		**4166 60 89**	10
anthracite velvety, lacquered	*	**4166 60 86**	10

New



Socket outlet with earthing contact USA/CANADA NEMA 5-20 R

i 853

- Screw terminals

– 2pole + earth
– without spreader claws
– with screw terminals

Rated voltage 125 V~
Rated current 20 A

Not UL-certified.
Standard NEMA 5-20 R

Design		Order no.	PU
polar white velvety		**4168 60 89**	10
anthracite velvety, lacquered	*	**4168 60 86**	10

Covers for switches/push-buttons

Rockers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.

New



Rocker

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design		Order no.	PU
polar white velvety		**1620 60 89**	10
anthracite velvety, lacquered	*	**1620 60 86**	10

New



Rocker with imprinted symbol for light

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design	Order no.	PU
polar white velvety	**1620 60 49**	10
anthracite velvety, lacquered	* **1620 60 46**	10

New



Rocker with imprinted symbol for bell

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design	Order no.	PU
polar white velvety	**1620 60 59**	10
anthracite velvety, lacquered	* **1620 60 56**	10

New



Rocker with imprinted symbol for door opener

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design	Order no.	PU
polar white velvety	**1620 60 69**	10
anthracite velvety, lacquered	* **1620 60 66**	10

New



Rocker

- Labelling field



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design	Order no.	PU
polar white velvety	**1626 60 89**	10
anthracite velvety, lacquered	* **1626 60 86**	10

New



Rocker

- Lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

Lenses available in orange and clear.

– for illumination and monitoring circuit
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design	Order no.	PU
polar white velvety	**1621 60 89**	10
anthracite velvety, lacquered	* **1621 60 86**	10

New



Rocker with imprinted symbol for light

- Lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

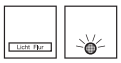
Design	Order no.	PU
polar white velvety	**1621 60 79**	10
anthracite velvety, lacquered	* **1621 60 76**	10

New



Rocker

- Labelling field
- Lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

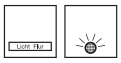
Design	Order no.	PU
polar white velvety	**1628 60 89**	10
anthracite velvety, lacquered	* **1628 60 86**	10

New



Rocker with imprinted symbol for bell

- Labelling field
- Lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design	Order no.	PU
polar white velvety	**1628 60 79**	10
anthracite velvety, lacquered	* **1628 60 76**	10

New



Rocker

- Large labelling field
- Lens

Licht Flur

Labelling field (W x H) ≈ 54.8 x 42.8 mm

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

For labelling with names, notes etc.

Labelling field height designed for two 18 mm P-touch strips.

Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design		Order no.	PU
polar white velvety		**1696 60 89**	10
anthracite velvety, lacquered	*	**1696 60 86**	10

New



Rocker with imprinted symbol for bell

- Large labelling field
- Lens

Licht Flur

Labelling field (W x H) ≈ 54.8 x 42.8 mm

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

For labelling with names, notes etc.

Labelling field height designed for two 18 mm P-touch strips.

Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

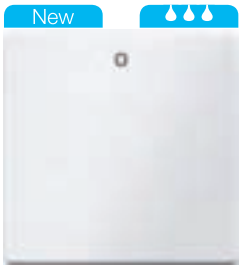
Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design		Order no.	PU
polar white velvety		**1696 60 79**	10
anthracite velvety, lacquered	*	**1696 60 76**	10

Rockers for multi-pole rocker switches

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.

New

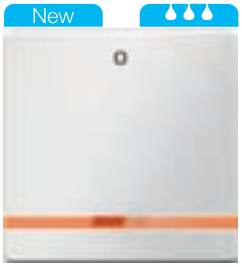


Rocker with imprint “0”

Suitable for	Order no.	Page
Multi-pole rocker switches		page 26
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design		Order no.	PU
polar white velvety		**1622 60 89**	10
anthracite velvety, lacquered	*	**1622 60 86**	10

New



Rocker with imprint “0”

- Orange lens

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

Suitable for	Order no.	Page
Multi-pole rocker switches		page 26
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design		Order no.	PU
polar white velvety		**1624 60 89**	10
anthracite velvety, lacquered	*	**1624 60 86**	10

Multiple Rockers

New



Rocker 2gang

– also for KNX applications: push-button, 2gang, and group push-button, 2gang

Suitable for	Order no.	Page
Rocker switches, 2gang		page 28
Series push-buttons		page 29

Design	Order no.	PU
polar white velvety	**1623 60 89**	10
anthracite velvety, lacquered	* **1623 60 86**	10

New



Rocker 2gang

- Lens



Illumination only possible by 1 neon lamp unit.

Lenses available in orange and clear.

– for illumination and monitoring circuit
– also for KNX applications: push-button, 2gang, and group push-button, 2gang

Suitable for	Order no.	Page
Rocker switches, 2gang		page 28
Series push-buttons		page 29

Design	Order no.	PU
polar white velvety	**1627 60 89**	10
anthracite velvety, lacquered	* **1627 60 86**	10

New



Rocker 3gang

Suitable for	Order no.	Page
On/off switch 3gang	6330 23	31

Design	Order no.	PU
polar white velvety	**1665 60 89**	10
anthracite velvety, lacquered	* **1665 60 86**	10

Centre plates for pullcord switches/pullcord push-buttons

New



Centre plate for pullcord switch/pullcord push-button

Suitable for	Order no.	Page
Pullcord switches/pullcord push-buttons		page 32

Design	Order no.	PU
polar white velvety	**1146 60 89**	10
anthracite velvety, lacquered	* **1146 60 86**	10

Centre plates for key switches/key push-buttons

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 70 00.

New



Centre plate for key switch/key push-button

– for master-key systems

Suitable for	Order no.	Page
Key switches/key push-buttons		page 33
Lock cylinder	1818 ..	75
optional		
Sealing set for key switch/key push-button	1010 70 00	337

Design	Order no.	PU
polar white velvety	**1507 60 89**	10
anthracite velvety, lacquered	* **1507 60 86**	10

Centre plates for protection switches



50 x 50 mm centre plate for RCD protection switch

Caution!
Use only with intermediate ring for 50 x 50 mm centre plate from the corresponding range.

Suitable for	Order no.	Page
Residual current circuit-breaker	2844	34

Design	Order no.	PU
polar white matt/velvety	**1493 19 09**	1

Timers

Centre plates for mechanical timer

New



Centre plate for mechanical timer

Suitable for	Order no.	Page
Mechanical time switches		page 35

Design	Order no.	PU
with time scale 15 min		
polar white velvety	**1632 60 89**	1
anthracite velvety, lacquered	* **1632 60 86**	1
with time scale 120 min		
polar white velvety	**1633 60 89**	1
anthracite velvety, lacquered	* **1633 60 86**	1

New



New



Centre plate for time relay insert

- Push-button with clear lens
- with imprint

Suitable for	Order no.	Page
Time relay insert	2948 10	37

Axis dimension Ø 4 mm

Design	Order no.	PU
polar white velvety	**1674 60 89**	10
anthracite velvety, lacquered	* **1674 60 86**	10

New



Timer comfort for sensors

i 854

- Display
- after charging, the timer can also be programmed when removed.
- connected RolloTec brightness sensor can be used for twilight-controlled switching-on
- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

Suitable for	Order no.	Page
Insert for timer	2948	38
optional		
RolloTec brightness sensor	169	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor surface-mounted	184	128



Design	Order no.	PU
polar white velvety	**1738 60 89**	1
anthracite velvety, lacquered	* **1738 60 86**	1

New



Timer comfort

- Display



i 854

- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

Suitable for	Order no.	Page
Insert for timer	2948	38



Design		Order no.	PU
polar white velvety		**1736 60 89**	1
anthracite velvety, lacquered	*	**1736 60 86**	1

New



Timer Easy

- Display



i 854

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of switching times
- programmable for approx. 4 h after removing insert
- with quick programming mode

Suitable for	Order no.	Page
Insert for timer	2948	38



Design		Order no.	PU
polar white velvety		**1735 60 89**	1
anthracite velvety, lacquered	*	**1735 60 86**	1

Covers for dimmers

Centre plates for rotary dimmers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

New



Centre plate for rotary dimmer

- Setting knob



Axis dimension Ø 4 mm

Suitable for	Order no.	Page
Rotary dimmers		page 40
Rotary potentiometers DALI		page 44
1-10 V Rotary potentiometers		page 45
optional		
Sealing set for socket outlets/centre plates	1010 72 00	336

Design		Order no.	PU
polar white velvety		**1137 60 89**	10
anthracite velvety, lacquered	*	**1137 60 86**	10

Push-buttons

New



Button for universal series touch dimmer

i 857

Suitable for	Order no.	Page
Universal series touch dimmer (R, L, C)	2901	47



Design		Order no.	PU
polar white velvety		**1765 60 89**	1
anthracite velvety, lacquered	*	**1765 60 86**	1

BLC -Berker Light Control

BLC push-buttons

New



BLC push-button

i 859

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit	2907	57



Design	Order no.	PU
polar white velvety	**1761 60 89**	1
anthracite velvety, lacquered	* **1761 60 86**	1

BLC controller

New



BLC controller comfort 1.1 m

i 862

Delay time, adjustable	≈ 10 s ... 30 min
Detection angle	180 °
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)

- with slide switch for OFF/automatic/ON
- with teach function for response brightness
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91





Design	Order no.	PU
Nominal mounting height 1.1 m		
polar white velvety	**1784 60 89**	1
anthracite velvety, lacquered	* **1784 60 86**	1

New



BLC IR controller comfort 2.2 m with hand-held transmitter

i 863

Detection angle	180 °
Delay time, adjustable	≈ 10 s ... 60 min

Scope of delivery:
- BLC IR controller comfort
- IR hand-held transmitter

As-delivered and reset condition: Response sensitivity 100%, time delay 30 s, night mode approx. 1 lx, additional functions OFF.

- with 2 buttons for permanent ON (LED green), permanent OFF (LED red) and automatic
- with detection and IR receiver LED red, and IR confirmation LED green
- with teach function for response brightness
- presence simulation via remote control: retrieval of the switching operations from the last 7 days
- hotel mode via remote control: without motion dimming to 20%
- short-time mode with immunity time (e.g. for bell) via remote control
- test mode via remote control: response sensitivity 100%, time delay 1 s and day mode

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91



Design	Order no.	PU
Nominal mounting height 2.2 m		
polar white velvety	**1789 60 89**	1
anthracite velvety, lacquered	* **1789 60 86**	1

New



BLC controller

862

Delay time	≈ 2 min
Detection angle	180 °
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91



New



Design		Order no.	PU
Nominal mounting height 1.1 m			
polar white velvety [1]		**1783 60 89**	1
anthracite velvety, lacquered [1]	*	**1783 60 86**	1
Nominal mounting height 2.2 m			
polar white velvety		**1788 60 89**	1
anthracite velvety, lacquered	*	**1788 60 86**	1

[1] with cover to limit detection angle to 90°

New



BLC controller comfort IP44

862

Delay time, adjustable	≈ 10 s ... 30 min
Detection angle	180 °
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)

- with teach function for response brightness
- with cover to limit detection angle to 90°

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91

IP44



Design		Order no.	PU
Nominal mounting height 1.1 m			
polar white velvety		**1784 61 89**	1
anthracite velvety, lacquered	*	**1784 61 86**	1
Nominal mounting height 2.2 m			
polar white velvety		**1787 61 89**	1
anthracite velvety, lacquered	*	**1787 61 86**	1

New



BLC controller IP44

862

Delay time	≈ 2 min
Detection angle	180 °
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)

- with cover to limit detection angle to 90°

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91

IP44



Design		Order no.	PU
Nominal mounting height 1.1 m			
polar white velvety		**1783 61 89**	1
anthracite velvety, lacquered	*	**1783 61 86**	1
Nominal mounting height 2.2 m			
polar white velvety		**1786 61 89**	1
anthracite velvety, lacquered	*	**1786 61 86**	1

Covers for blind switches/push-buttons

Rockers with imprint

New



Rocker 2gang with imprinted arrow symbol

– also for KNX applications: push-button, 2gang

Suitable for	Order no.	Page
Switch / push-button for blinds		page 112

Design		Order no.	PU
polar white velvety		**1625 60 89**	10
anthracite velvety, lacquered	*	**1625 60 86**	10

New



Rocker 2gang with imprinted arrows symbol

– also for KNX applications: group push-button, 2gang

Suitable for	Order no.	Page
Group series push-button, 4 NO contacts, common input terminal	5034 04	29

Design		Order no.	PU
polar white velvety		**1644 60 89**	10
anthracite velvety, lacquered	*	**1644 60 86**	10

Centre plates for rotary switches for blinds

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

New



Centre plate with rotary knob for rotary switch for blinds

– with imprint

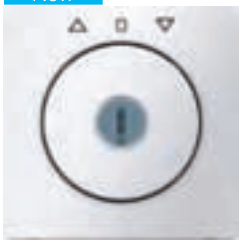
Suitable for	Order no.	Page
Rotary switch for blinds		page 114
optional		
Sealing set for socket outlets/centre plates	1010 72 00	336
Interlock disk for rotary switch for blinds	1861	115

Design		Order no.	PU
polar white velvety		**1080 60 89**	1
anthracite velvety, lacquered	*	**1080 60 86**	1

Centre plates for key switches/key push-buttons for blinds

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 70 00.

New



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 0 position



– with imprint
– with 2 keys

Suitable for	Order no.	Page
Switch for blinds 2pole for centre plate with lock	3852	115
Switch for blinds 1pole for centre plate with lock	3851	115

Design		Order no.	PU
polar white velvety		**1081 60 89**	1
anthracite velvety, lacquered	*	**1081 60 86**	1

New



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 3 positions



- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 2pole for centre plate with lock	3852	115
Switch for blinds 1pole for centre plate with lock	3851	115

Design	Order no.	PU
polar white velvety	**1082 60 89**	1
anthracite velvety, lacquered	* **1082 60 86**	1

New



Centre plate with lock and touch function for switch for blinds

- Key can be removed in 0 position



- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	115
Switch for blinds 2pole for centre plate with lock	3852	115

Design	Order no.	PU
polar white velvety	**1083 60 89**	1
anthracite velvety, lacquered	* **1083 60 86**	1

New



Centre plate for key push-button for blinds/key switch

- with imprint
- for master-key systems

Suitable for	Order no.	Page
Switch for blinds 2pole for lock cylinder	3822 10	118
Push-button for blinds 1pole for lock cylinder	3831 ..	118
Push-button for blinds 2pole for lock cylinder	3832 10	118
Lock cylinder	1818 ..	75
optional		
Sealing set for key switch/key push-button	1010 70 00	337

Design	Order no.	PU
polar white velvety	**1506 60 89**	10
anthracite velvety, lacquered	* **1506 60 86**	10

Rollotec

RolloTec buttons

New



RolloTec button comfort for sensors

i 886

- only for sensor connection to terminal block

Suitable for	Order no.	Page
RolloTec inserts		page 121
optional		
RolloTec glass breakage sensor	170	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor	169	128
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor surface-mounted	184	128



Design	Order no.	PU
polar white velvety	**1771 60 89**	1
anthracite velvety, lacquered	* **1771 60 86**	1

New



RolloTec button comfort

886

Suitable for	Order no.	Page
RolloTec inserts		page 121



Design		Order no.	PU
polar white velvety		**1770 60 89**	1
anthracite velvety, lacquered	*	**1770 60 86**	1

New

RolloTec memory button for sensors

886

Stored “up” and/or “down” time is run daily in automat-ico peration.

– only for sensor connection to terminal block

Suitable for	Order no.	Page
RolloTec inserts		page 121
optional		
RolloTec glass breakage sensor	170	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor surface-mounted	184	128
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor	169	128



Design		Order no.	PU
polar white velvety		**1757 60 89**	1
anthracite velvety, lacquered	*	**1757 60 86**	1

New



RolloTec memory button

886

Stored “up” and/or “down” time is run daily in automat-ico peration.

Suitable for	Order no.	Page
RolloTec inserts		page 121



Design		Order no.	PU
polar white velvety		**1756 60 89**	1
anthracite velvety, lacquered	*	**1756 60 86**	1

RolloTec time switches

New



RolloTec comfort time switch for sensors

i 890

- Display

- with surface-mounted RolloTec brightness sensor, shutter and lamella position additionally settable
- when a surface-mounted RolloTec brightness sensor is connected, twilight-controlled lowering possible
- RolloTec brightness sensor for sun blind movement up/down can be connected
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

Suitable for	Order no.	Page
RolloTec inserts		page 121
optional		
RolloTec brightness sensor	169	128
RolloTec glass breakage sensor	170	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor surface-mounted	184	128
Magnetic contact	9251 0 ..	130

Design	Order no.	PU
polar white velvety	**1775 60 89**	1
anthracite velvety, lacquered	* **1775 60 86**	1

New



RolloTec comfort time switch

i 890

- Display

- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

Suitable for	Order no.	Page
RolloTec inserts		page 121

Design	Order no.	PU
polar white velvety	**1774 60 89**	1
anthracite velvety, lacquered	* **1774 60 86**	1

New



RolloTec easy time switch

i 890

- Display

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of operation times
- with quick programming mode
- programming possible for up to 6 h after removing insert
- with preset basic programme

Suitable for	Order no.	Page
RolloTec inserts		page 121

Design	Order no.	PU
polar white velvety	**1762 60 89**	1
anthracite velvety, lacquered	* **1762 60 86**	1

HVAC controllers and covers

Thermostat

New



Thermostat, NO contact, with centre plate

i 884

- Time-controlled

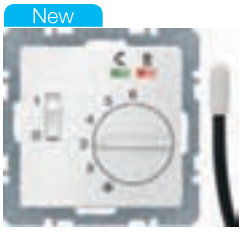
Rated voltage	230 V~
Frequency	50 Hz
Power consumption	≈ 1.2 W
Lithium cell power reserve [years]	≈ 10

- for floor heating, control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142
optional		
Temperature sensor	161	150

Design		Order no.	PU
polar white velvety		**2044 60 89**	1
anthracite velvety, lacquered	*	**2044 60 86**	1

New



Thermostat, NO contact, with centre plate, for underfloor heating

i 883

- Rocker switch
- External temperature sensor

Rated voltage	250 V~
Frequency	50/60 Hz

Suitable for	Order no.	Page
Centre plate for thermostat for underfloor heating	1672 60 8 ..	140
Valve drive 230 V	7590 00 76	142
replacement		
Temperature sensor	161	150

Design		Order no.	PU
polar white velvety		**2034 60 89**	1
anthracite velvety, lacquered	*	**2034 60 86**	1

New



Temperature controller, change-over contact, with centre plate

i 883

Rated voltage	250 V~
Frequency	50/60 Hz

- for heating or cooling mode

Suitable for	Order no.	Page
Centre plate for thermostat	1670 60 8 ..	140
Valve drive 230 V	7590 00 76	142

Design		Order no.	PU
polar white velvety		**2026 60 89**	1
anthracite velvety, lacquered	*	**2026 60 86**	1

New



Temperature controller, NC contact, with centre plate

i 883

- Rocker switch

Rated voltage	250 V~
Frequency	50/60 Hz

Suitable for	Order no.	Page
Centre plate for thermostat	1671 60 8 ..	141
Valve drive 230 V	7590 00 76	142

Design		Order no.	PU
polar white velvety		**2030 60 89**	1
anthracite velvety, lacquered	*	**2030 60 86**	1

New



Temperature controller, NC contact, with centre plate, 24 V AC/DC

i 883

- Rocker switch

Suitable for	Order no.	Page
Centre plate for thermostat	1671 60 8 ..	141
Valve drive 24 V AC/DC	7590 00 77	142

Rated voltage 24 V~/24 V=
Frequency 50/60 Hz

Design	Order no.	PU
polar white velvety	**2031 60 89**	1
anthracite velvety, lacquered	* **2031 60 86**	1

New



Centre plate for thermostat for underfloor heating

- Rocker
- Setting knob

Suitable for	Order no.	Page
Thermostat, NO contact, with centre plate, for underfloor heating	2034 60 8 ..	136

Design	Order no.	PU
polar white velvety	**1672 60 89**	1
anthracite velvety, lacquered	* **1672 60 86**	1

New



Centre plate for thermostat

- Setting knob

Suitable for	Order no.	Page
Temperature controller, change-over contact, with centre plate	2026 60 8 ..	137

Design	Order no.	PU
polar white velvety	**1670 60 89**	1
anthracite velvety, lacquered	* **1670 60 86**	1

New



Centre plate for thermostat

- Rocker
- Setting knob

Suitable for	Order no.	Page
Temperature controller, NC contact, with centre plate	2030 60 8 ..	138
Temperature controller, NC contact, with centre plate, 24 V AC/DC	2031 60 8 ..	139

Design	Order no.	PU
polar white velvety	**1671 60 89**	1
anthracite velvety, lacquered	* **1671 60 86**	1

Central plates for sensor inserts



Central plate for sensor insert

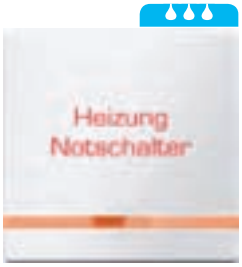
Caution!
Use only with intermediate ring for central plate from the corresponding range.
Labelling field cannot be used.

Suitable for	Order no.	Page
Sensor insert	7594 10 01	141

Design	Order no.	PU
polar white matt/velvety	**7594 04 89**	1

Rockers for heating emergency switches

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



Rocker with imprint “Heizung Notschalter”

- Orange lens

Or use glass pane-protected heating emergency switch from programme ranges Arsys, flush-mounted splash-protected IP44, Aquatec IP44.

Not suitable for heating systems > 50 kW.

– for monitoring circuit
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

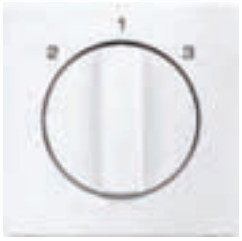
Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design		Order no.	PU
polar white velvety		**1621 60 69**	10

Centre plates for air conditioner/fan controllers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

New



Centre plate with rotary knob for 3-step switch

Suitable for	Order no.	Page
3-step switch	3861 ..	146
optional		
Sealing set for socket outlets/centre plates	1010 72 00	336

Design		Order no.	PU
without 0-position, imprint 2-1-3			
polar white velvety		**1084 60 89**	1
anthracite velvety, lacquered	*	**1084 60 86**	1
with 0-position, imprint 0-1-2-3			
polar white velvety		**1096 60 89**	1
anthracite velvety, lacquered	*	**1096 60 86**	1

New



New



Centre plate for speed controller

- Setting knob

Axis dimension Ø 4 mm

– with imprinted symbol curve

Suitable for	Order no.	Page
Speed controllers	2968 01	147
optional		
Sealing set for socket outlets/centre plates	1010 72 00	336

Design		Order no.	PU
polar white velvety		**1137 60 79**	10
anthracite velvety, lacquered	*	**1137 60 76**	10

Communication/multimedia technology

– For information on suitable third-party manufacturer articles, see the chapter “Communication/multimedia technology”

Covers data-/telecommunication

New



Centre plate with TAE cut-out

– also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
230 V USB charging socket outlet	2600 0 ..	173
Loudspeaker connection box	4572 0 ..	174
Stereo loudspeaker connection box	4573 0 ..	174
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584	163
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	162

Design		Order no.	PU
polar white velvety		**1033 60 89**	10
anthracite velvety, lacquered	*	**1033 60 86**	10

New



Centre plate for FCC socket outlet

- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

Suitable for	Order no.	Page
UAE socket outlets 1gang		page 157

Design	Order no.	PU
polar white velvety	**1407 60 89**	10
anthracite velvety, lacquered	* **1407 60 86**	10

New



Centre plate for FCC socket outlet 2gang

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

Suitable for	Order no.	Page
UAE socket outlets 2gang		page 160

Design	Order no.	PU
polar white velvety	**1409 60 89**	10
anthracite velvety, lacquered	* **1409 60 86**	10

New



Centre plate with dust protection slider

- Labelling field



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting device, 1gang, order no. 4540 .., see COMMUNICATION/ MULTIMEDIAT ECHNOLOGY

Design	Order no.	PU
polar white velvety	**1170 60 89**	10
anthracite velvety, lacquered	* **1170 60 86**	10

New



Centre plate with 2 dust protection sliders

- Labelling field



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting devic- es, 2gang, order no. 4541 .., see COMMUNICATION/ MULTIMEDIAT ECHNOLOGY

Design	Order no.	PU
polar white velvety	**1181 60 89**	10
anthracite velvety, lacquered	* **1181 60 86**	10



Central plate for 3 MINI-COM modules

Caution!
Use only with intermediate ring for central plate from the correspondingra nge.

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- labelling field latchable
- for Mini-Com dummy modules 1gang

Suitable for	Order no.	Page
Multimedia modules		page 571

Design	Order no.	PU
polar white matt/velvety	**1427 19 09**	10



Central plate for Reichle&De-Massari single modules

Caution!
Use only with intermediate ring for central plate from the correspondingra nge.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

Design	Order no.	PU
polar white matt/velvety	**1472 19 09**	10



Central plate for Reichle&De-Massari double module

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

Design	Order no.	PU
polar white matt/velvety	**1461 19 09**	10



Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- labelling field latchable

Design	Order no.	PU
polar white matt/velvety	**1463 19 09**	10



Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks cat.5, cat.5e and cat.6

Design	Order no.	PU
polar white matt/velvety	**1464 19 09**	10



Central plate for fibre-optic couplings Simplex ST

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 2 fibre-optic couplings

Design	Order no.	PU
polar white matt/velvety, 2gang	**1492 19 09**	10



Central plate for fibre-optic couplings Duplex SC

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 1 or 2 fibre-optic couplings
- 1 knock out opening

Design	Order no.	PU
polar white matt/velvety	**1480 19 09**	10

Covers for aerial sockets

New



Centre plate for aerial socket 2-/3hole

- with knock out SAT input

Suitable for	Order no.	Page
Aerial sockets		page 154

Design	Order no.	PU
polar white velvety	**1203 60 89**	10
anthracite velvety, lacquered	* **1203 60 86**	10



Central plate for aerial socket 4hole (Ankaro)

Caution!
Use only with intermediate ring for central plate from the correspondingra nge.

- with 2 additional SAT outputs (F-sockets)

Suitable for	Order no.	Page
Aerial socket 4hole single box	4594	156

Design		Order no.	PU
polar white matt/velvety		**1484 19 09**	10



Central plate for aerial socket 4hole (Hirschmann)

Caution!
Use only with intermediate ring for central plate from the correspondingra nge.

- with 2 additional SAT outputs (F-sockets)

Design		Order no.	PU
polar white matt/velvety		**1483 19 09**	10



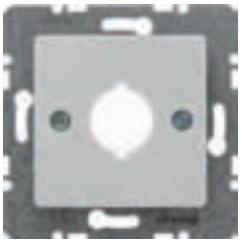
Central plate for broadband modem socket (Wisi)

Caution!
Use only with intermediate ring for central plate from the correspondingra nge.

- with additional multimedia output

Design		Order no.	PU
polar white matt/velvety	#	**1439 19 09**	10

Central plates for signalling and command units



Central plate with installation opening Ø 18.8 mm

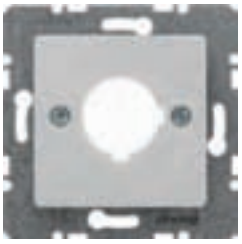
Screw spacing 36 mm

- with cut-out dia. 18.8 mm
- labelling field latchable

Caution!
Use only with intermediate ring for central plate from the correspondingra nge.

Suitable for optional	Order no.	Page
Built-in socket for floating output	4604	671

Design		Order no.	PU
polar white matt/velvety		**1431 19 09**	10



Central plate with installation opening Ø 22.5 mm

Screw spacing 36 mm

- with cut-out dia. 22.5 mm
- labelling field latchable

Caution!
Use only with intermediate ring for central plate from the correspondingra nge.

Installation aperture according to IEC 60947-5-1

Design		Order no.	PU
polar white matt/velvety		**1432 19 09**	10
yellow glossy		**1432 07**	10

Covers Audio

New

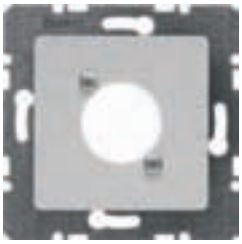


Centre plate for loudspeaker socket outlet

- 1 knock out opening

Suitable for	Order no.	Page
Entry for small connector	4505	176
Stereo loudspeaker socket outlet	4505 01	175
Loudspeaker socket outlet High End	4505 02	175

Design		Order no.	PU
polar white velvety		**1196 60 89**	10
anthracite velvety, lacquered	*	**1196 60 86**	10



Central plate for XLR D-series connector

Cut-out Ø	23.6 mm	– speakon and jack connector
Screw spacing (horizontal/vertical)	19/24 mm	– labelling field latchable

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Design	Order no.	PU
polar white matt/velvety	**1412 19 09**	10

Video socket outlets

New



VGA

VGA socket outlet i 912

Frequency range video	max. 160 MHz	– with 15pole D-subminiature double jack
Resolution	max. 1280 x 1024 px	– S-VGA compatible

Design	Order no.	PU
with double jack		
polar white velvety	**33 1540 60 89**	10
anthracite velvety, lacquered	* **33 1540 60 86**	10
back side, with screw-in lift terminals		
polar white velvety [1]	**33 1541 60 89**	10
anthracite velvety, lacquered [1]	* **33 1541 60 86**	10

[1] for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²

Multimedia sockets

New



S-Video CINCH

3 x Cinch/S-Video socket outlet i 915

Frequency range audio	20 ... 20000 Hz	– gold-plated contacts
Frequency range video	max. 160 MHz	– 1 cinch double jack for video connection (yellow)
		– 2 cinch double jacks for audio connection (red, white)
		– S-Video double jack

Design	Order no.	PU
polar white velvety	**33 1532 60 89**	10
anthracite velvety, lacquered	* **33 1532 60 86**	10

New



HDMI

High definition socket outlet i 915

Transmission rate	max. 8.16 Gbit/s	– gold-plated contacts
Resolution	max. 1920 x 1080 px	– with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)

Design	Order no.	PU
back side, with straight socket		
polar white velvety	**33 1542 60 89**	10
anthracite velvety, lacquered	* **33 1542 60 86**	10
back side, with 90° angle socket		
polar white velvety	**33 1543 60 89**	10
anthracite velvety, lacquered	* **33 1543 60 86**	10

New



USB/3.5 mm audio socket outlet

915

USB transmission rate	max. 480 Mbit/s
Frequency range audio	20 ... 20000 Hz

- double jack gold-plated 3.5 mm, stereo
- USB double jack type A, USB 2.0 capable

Design	Order no.	PU
polar white velvety	**33 1539 60 89**	10
anthracite velvety, lacquered	* **33 1539 60 86**	10

Consumer electronics



Berker Radio Touch

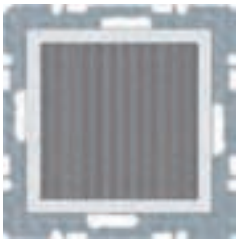
- Loudspeaker

Frequency range	87.5 ... 108 MHz
Operating voltage	230 V~
Insertion depth	33 mm
Dimensions of display (W x H)	35 x 28 mm
Conductor cross-section	max. 2.5 mm²
Frequency	50/60 Hz

- stereo FM radio with RDS display
- with one loudspeaker
- illuminated touch graphics display
- time and date display
- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- external audio input, e.g. for MP3 player or docking station

Suitable for optional	Order no.	Page
Loudspeaker		page 335
Docking station		page 335

Design	Order no.	PU
polar white velvety	**2880 60 89**	1



Loudspeaker

Impedance	8 Ω
Pre-assembled cable	≈ 0.3 m
Conductor cross-section (flexible)	0.75 mm²
Insertion depth	22.5 mm

- confectioned, with 2-core, double-insulated, flexible cable

Suitable for	Order no.	Page
Berker Radio Touch		page 335
Docking station		page 335

Design	Order no.	PU
polar white velvety	**2882 60 89**	1



Docking station

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	max. 3.5 V
Number of loudspeakers (4 Ω)	1
Number of loudspeakers (8 Ω)	2
Number of loudspeakers (20 Ω)	5
Insertion depth	36 mm

- with 30pole plug connector for iPod and iPhone*
- buttons for volume control
- AUX input mini stereo jack for audio source (line or headphones output), e.g. MP3 player
- stereo Line-Out for connection to the radio touch

Suitable for	Order no.	Page
Berker Radio Touch		page 335
Loudspeaker		page 335

* iPod and iPhone are registered trademarks of Apple Inc.

Design	Order no.	PU
polar white velvety	**2883 60 89**	1

Covers for pilot lamps

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

New



Centre plate for push-button/pilot lamp E10

Cut-out Ø 27.2 mm

– centre plate for plug-in fixing

Suitable for	Order no.	Page
Covers and push-buttons		page 71
LED lamp E10		page 70
Neon lamp E10		page 71
Push-button/pilot lamp E10, NO contact	5101 ..	63

Design	Order no.	PU
polar white velvety	**1124 60 89**	10
anthracite velvety, lacquered	* **1124 60 86**	10

New



Centre plate for pilot lamp E14

Suitable for	Order no.	Page
Covers and push-buttons		page 71
LED lamp E14		page 71
Incandescent lamp E14		page 71
Pilot lamp E14	5131 02	65
optional		
Sealing set for socket outlets/centre plates	1010 72 00	336

Design	Order no.	PU
polar white velvety	**1198 60 89**	10
anthracite velvety, lacquered	* **1198 60 86**	10

New



Cover for LED orientation/signal light

– with printed label sheets “Bitte warten/Bitte eintreten” and “Do not disturb/make up room”
– with milky foil, for individual labelling

Suitable for	Order no.	Page
LED orientation light	2951	66
LED signal light	2952	66

Design	Order no.	PU
polar white velvety	**1248 60 89**	1
anthracite velvety, lacquered	* **1248 60 86**	1

New



Cover for info pilot lamp

i 878

Current consumption 25 mA
Power, LED 800 mW
Service life of the LED ≈ 25000 h

– with clear cover plate
– with 4 light intensive LEDs
– very long LED lifetime

Printed labels supplied: “Nicht eintreten”, “Besetzt”, “Bitte eintreten”, “Bitte Ruhe”, “Bitte warten”.

Suitable for	Order no.	Page
Cover plate for info pilot lamp	1289 ..	72
Info pilot lamp	2949	66

Design	Order no.	PU
polar white velvety	**1345 60 89**	1
anthracite velvety, lacquered	* **1345 60 86**	1

Supplementary products

Sealings IP44



Sealing set for socket outlets/centre plates

Suitable for	Order no.	Page
Centre plates for rotary dimmers		page 321
Centre plates for rotary switches for blinds		page 324
Centre plates for air conditioner/fan controllers		page 330
SCHUKO socket outlet with hinged cover and imprint		page 311
Blind plates		page 337
Frame		page 350
Frame		page 354

Design	Order no.	PU
transparent	**1010 72 00**	1



Sealing set for switches/push-buttons

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- with IP44 fixing piece to screw on

Suitable for	Order no.	Page
Rockers		page 315
Rockers for multi-pole rocker switches		page 318
Rockers - barrier-free construction		page 340
Rocker with imprint “Heizung Notschalter”		page 330
Frame		page 350
Frame		page 354
Rocker with imprinted arrows symbol	1620 60 7 ..	761

Design	Order no.	PU
transparent	**1010 71 00**	1



Sealing set for key switch/key push-button

Suitable for	Order no.	Page
Frame		page 350
Frame		page 354
Centre plate for key push-button for blinds/ key switch	1506 60 8 ..	119
Centre plate for key switch/key push-button	1507 60 8 ..	34

Design	Order no.	PU
transparent	**1010 70 00**	1

Blind plates

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

New



Blind plug with centre plate

- on supporting plate without cut-out

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	336

Design		Order no.	PU
without spreader claws			
polar white velvety		**1009 60 89**	20
anthracite velvety, lacquered	*	**1009 60 86**	20
with base and spreader claws			
polar white velvety		**67 1009 60 89**	10
anthracite velvety, lacquered	*	**67 1009 60 86**	10

New



Blind plug with centre plate, screw-on

- on supporting plate with large cut-out
- with cover plug for screw fitting
- without spreader claws
- for customised cut-outs or holes when installing special solutions
- space-saving for relays, etc.

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	336

Design		Order no.	PU
polar white velvety		**1009 60 79**	20
anthracite velvety, lacquered	*	**1009 60 76**	20

New



Centre plate for cable outlet

Suitable for	Order no.	Page
Cable outlet with low installation depth	4468	171
Cable outlet	4470	170

Design		Order no.	PU
polar white velvety		**1019 60 89**	10
anthracite velvety, lacquered	*	**1019 60 86**	10

Intermediate rings

New



Adapter ring for centre plate 50 x 50 mm

Caution!
Not suitable for Berker central plates.
For centre plate as per according to DIN 49075

- for other centre plates with external size 50 x 50 mm

Design		Order no.	PU
polar white velvety		**1109 60 79**	10
anthracite velvety, lacquered	*	**1109 60 76**	10

New



Intermediate ring for central plate

- labelling field latchable

Suitable for	Order no.	Page
optional		
Labelling field for intermediate ring	1905 00 69	226

Design		Order no.	PU
polar white velvety		**1109 60 89**	10
anthracite velvety, lacquered	*	**1109 60 86**	10



Labelling field for intermediate ring

Labelling field height arranged for P-touch strips 6 mm.

Suitable for	Order no.	Page
Intermediate ring for central plate		page 338

Design	Order no.	PU
polar white glossy	**1905 00 69**	10

Base plates



Base plate 1gang, self-extinguishing

For surface-mounted frames of the design lines:
- Modul 2
- Berker Q.1
- Berker Arsys

- with imprint
- for mounting on combustible base surface
- for surface-mounted frame 1gang

Suitable for	Order no.	Page
Surface mounted frames		page 351

Design	Order no.	PU
white	**1021 12**	10



Base plate 2gang, self-extinguishing

For surface-mounted frames of the design lines:
- Modul 2
- Berker Q.1
- Berker Arsys

- with imprint
- for mounting on combustible base surface
- for surface-mounted frame 2gang

Suitable for	Order no.	Page
Surface mounted frames		page 351

Design	Order no.	PU
white	**1021 22**	10



Base plate 3gang, self-extinguishing

For surface-mounted frames of the design lines:
- Modul 2
- Berker Q.1
- Berker Arsys

– with imprint
– for mounting on combustible base surface
– for surface-mounted frame 3gang

Suitable for Surface mounted frames | **Order no.** | **Page** page 351

Design	Order no.	PU
white	**1021 32**	10

Hotel applications

Centre plates for hotel card switches

New



Centre plate with imprint for push-button for hotel card

- Orange lens

Suitable for Push-button for hotel card | **Order no.** | **Page** page 76

Card width max. 54 mm
Card thickness 0.5 ... 1.4 mm

Other imprint on request!

Design	Order no.	PU
polar white velvety	**1640 60 89**	10
anthracite velvety, lacquered	* **1640 60 86**	10

Barrier-free construction

The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

SCHUKO socket outlets



SCHUKO socket outlet with hinged cover for barrier-free construction

i 853

- Tactile symbol
- enhanced contact protection
- Installation position variable in 45° steps

– with self-closing hinged covers
– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.
Connection terminals according to IEC 60884-1

Design	Order no.	PU
polar white velvety	**4744 60 49**	10

Rockers - barrier-free construction

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



Rocker for barrier-free construction

- Guide for mouth rod
- Lens

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design	Order no.	PU
polar white velvety	**1661 60 49**	10



Rocker for barrier-free construction

- Tactile light symbol
- Orange lens

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design	Order no.	PU
polar white velvety	**1651 60 49**	10



Rocker for barrier-free construction

- Tactile bell symbol
- Orange lens

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang

Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design	Order no.	PU
polar white velvety	**1651 60 59**	10



Rocker for barrier-free construction

- Tactile symbol for door opener
- Orange lens

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- for illumination and monitoring circuit
- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang

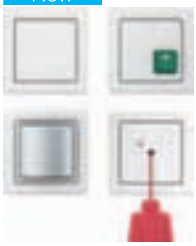
Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design	Order no.	PU
polar white velvety	**1651 60 69**	10

Hospital installation

Emergency system

New



Emergency call set with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

Set consisting of:
- Pullcord with frame, order no. 5202..
- Pilot lamp with frame, order no. 5203..
- Shut-off push-button with frame, order no. 5201..
- Power supply with frame, order no. 5204..

For installation in standard wall boxes according to according to DIN 49073-1

The emergency call set is used to call for help in public or disabled WCs, doctors' surgeries and old people's homes. It corresponds to the safety requirements according to DIN VDE 0834

- acoustic and visual signalling of an emergency call using pilot lamp after the pullcord push-button has been actuated
- switch-off of emergency call using shut-off push-button at emergency location
- power supply via power supply unit with 24 V AC
- centre plates for plug-in fixing
- monitoring of devices triggering calls for wire break
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- with screw terminals

Suitable for optional	Order no.	Page
Cancellation/presence button with frame	5205 60 ..	341
Call button with frame	5206 60 ..	341
Pull button with frame	5202 60 ..	342
Light signal with frame	5203 60 ..	342
Cancellation button with frame	5201 60 ..	342
Mains adapter with frame	5204 60 ..	342

Design	Order no.	PU
Berker Q.1		
polar white velvety	* **5200 60 89**	1
Berker Q.3		
polar white velvety	* **5200 60 99**	1

New



Call button with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

Additional call push-button to, for example, provide a control section in a second room or an additional location to trigger an emergency call.

For installation in standard wall boxes according to according to DIN 49073-1

- with quiet lamp
- with red call button with lens
- as expansion for the emergency call set
- centre plate for plug-in fixing
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 60 ..	341

Design	Order no.	PU
Berker Q.1		
polar white velvety	* **5206 60 89**	1
Berker Q.3		
polar white velvety	* **5206 60 99**	1

New



Cancellation/presence button with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C
Cable length to light signal max. 500 m

Office unit, in order to, for example, indicate an emergency call in an office or a headquarters.

For installation in standard wall boxes according to according to DIN 49073-1

- with yellow shut-off button
- with green presence button
- with visual and acoustic alarm encoder
- as expansion for the emergency call set
- centre plate for plug-in fixing
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 60 ..	341

Design	Order no.	PU
Berker Q.1		
polar white velvety	* **5205 60 89**	1
Berker Q.3		
polar white velvety	* **5205 60 99**	1

New



Pull button with frame

Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

To trigger an emergency call in emergency situations.
For installation in standard wall boxes according to according to DIN 49073-1

- with quiet lamp
- centre plate for plug-in fixing
- for wall and ceiling mounting
- with pullcord and knob
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 60 ..	341

Design	Order no.	PU
Berker Q.1		
polar white velvety	* **5202 60 89**	1
Berker Q.3		
polar white velvety	* **5202 60 99**	1

New



Cancellation button with frame

Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

To switch off the alarm signal (pilot lamp) on arrival at the emergency location.
For installation in standard wall boxes according to according to DIN 49073-1

- with green shut-off button
- centre plate for plug-in fixing
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 60 ..	341

Design	Order no.	PU
Berker Q.1		
polar white velvety	* **5201 60 89**	1
Berker Q.3		
polar white velvety	* **5201 60 99**	1

New



Light signal with frame

Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

Recommendation: use deep box.
For visual and acoustic alarms in emergency situations.
Caution:
Always install the device in a clearly visible location.
For installation in standard wall boxes according to according to DIN 49073-1

- with 4 red LEDs
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- with potential-free relay contact for call tone forwarding, e.g. to telephone dialler
- call tone received on voltage failure and return
- centre plate for plug-in fixing
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 60 ..	341

Design	Order no.	PU
Berker Q.1		
polar white velvety	* **5203 60 89**	1
Berker Q.3		
polar white velvety	* **5203 60 99**	1

New



Mains adapter with frame

Operating voltage	24 V
Frequency	50 … 60 Hz
Input voltage	100 ... 240 V~
Input current	max. 180 mA
Output current	max. 250 mA
Operating temperature	-5 ... +40 °C

Recommendation: use deep box.
For the power supply of the emergency call system components with 24 V DC.
For installation in standard wall boxes according to according to DIN 49073-1

- centre plate for plug-in fixing
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 60 ..	341

Design	Order no.	PU
Berker Q.1		
polar white velvety	* **5204 60 89**	1
Berker Q.3		
polar white velvety	* **5204 60 99**	1

Central plates for hospital installation



Central plate for socket outlet for floating output

Caution!
Use only with intermediate ring for central plate from the correspondingra nge.

For double pole socket outlet for floating output according to DIN 42801

– with imprint

Suitable for	Order no.	Page
Socket outlet for floating output	1061	670

Design	Order no.	PU
polar white matt/velvety	**1403 19 09**	10



Central plate for 6pole socket outlet

Caution!
Use only with intermediate ring for central plate from the correspondingra nge.

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90 / clino phon 95	71008C
clino opt 99	71008C3
6pole socket outlets	
Hirschmann: Medu 600 GSK	

Design	Order no.	PU
polar white matt/velvety	**1474 19 09**	10

Centre plates for Ackermann inserts



Centre plate for nurse call system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	72642C 72639A 71197A 72642B

Design	Order no.	PU
polar white velvety	**1204 60 89**	10



Centre plate with plug-in opening for nurse call systems

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73070A

Design	Order no.	PU
polar white velvety	**1298 60 89**	10



Centre plate for dropping plug-and-socket connector

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing
– a-coded for dropping plug-and-socket connector

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	74189A

Design	Order no.	PU
polar white velvety	**1305 60 89**	10



Centre plate with 2 plug-in openings and imprint, for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73075C 73020G 73021G 73075D

Design	Order no.	PU
polar white velvety	**1244 60 89**	10



Centre plate with plug-in opening, red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and monitored auxiliary plug-in contact
- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73071E 73071E2 73075A 73073E

Design	Order no.	PU
polar white velvety	**1217 60 89**	10



Centre plate with 2 plug-in openings, imprint and red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and plug-in contacts
- for call push-button with diagnostic and auxiliary plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73071D 73071D2 73075B 73073D

Design	Order no.	PU
polar white velvety	**1218 60 89**	10



Centre plate with red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73071F 73071F2 73073F

Design	Order no.	PU
polar white velvety	**1216 60 89**	10



Centre plate with red button at bottom

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

Design	Order no.	PU
polar white velvety	**1219 60 89**	10



Centre plate with green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642C

Design	Order no.	PU
polar white velvety	**1251 60 89**	10



Centre plate with yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642D

Design	Order no.	PU
polar white velvety	**1252 60 89**	10



Centre plate with blue button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

Design	Order no.	PU
polar white velvety	**1223 60 89**	10



Centre plate with white button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint “SU-AUS WARTEN”
- button with lens
- centre plate for plug-in fixing
- for office unit

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73640J 73640J2

Design	Order no.	PU
polar white velvety	**1308 60 89**	10



Centre plate with red + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button and shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642B2

Design	Order no.	PU
polar white velvety	**1249 60 89**	10



Centre plate with green + yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642E

Design	Order no.	PU
polar white velvety	**1253 60 89**	10



Centre plate with white + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint “SU-AUS WARTEN”
- buttons with lens
- centre plate for plug-in fixing
- for office unit

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642B

Design	Order no.	PU
polar white velvety	**1299 60 89**	10



Centre plate for pneumatic call switch

- Lens

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70006A 70006B
clino opt 99	70006C

Design	Order no.	PU
polar white velvety	**1236 60 89**	10



Centre plate for pullcord push-button

- Lens

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70045A3 70046A3 70046A

Design	Order no.	PU
polar white velvety	**1233 60 89**	10



Centre plate with imprinted symbol curve for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for earpiece and volume control

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120C 73120H

Design	Order no.	PU
polar white velvety	**1300 60 89**	10



Centre plate with imprint “0 - 1 - 2 - 3 - 4 - 5” for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120A

Design	Order no.	PU
polar white velvety	**1301 60 89**	10

Berker Q.1

You notice the difference the first time you touch it: thanks to its innovative surface, this likable all-rounder has an unmistakable velvety feel – and in elegant anthracite now in an additional attractive colour variant. With its smooth profile, flat switching angle and soft, rounded edges, it is very pleasant to look at.

- Suitable for both residential and non-residential buildings
- Due to the large radii, particularly suitable for projects such as schools and kindergartens
- Combination frames allow you to combine up to 5 devices vertically or horizontally.
- Available surface: polar white, velvety lacquered anthracite



Designpreis Deutschland 2011 NOMINIERT

reddot design award winner 2009

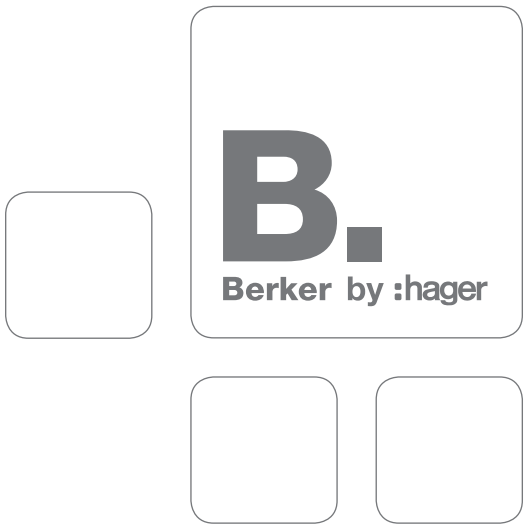
DESIGN PLUS

Frames

Plastic, silky	
polar white	similar to RAL 9010
anthracite, lacquered	similar to RAL 7021
red	similar to RAL 3003
green	similar to RAL 6029
orange	similar to RAL 2003

Frames 350

Surface-mounted frames 351



Frames

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Frame

i 917

– for vertical and horizontal mounting

Suitable for optional
Sealings IP44

Order no.

Page
page 336

Design	Order no.	PU
polar white velvety, 1gang	**1011 60 89**	10
polar white velvety, 2gang	**1012 60 89**	10
polar white velvety, 3gang	**1013 60 89**	2
polar white velvety, 4gang	**1014 60 89**	2
polar white velvety, 5gang	**1015 60 89**	2

New



Frame

i 917

– for vertical and horizontal mounting

Suitable for
SCHUKO socket outlet with hinged cover for barrier-freec onstruction

Order no.
4744 60 49 ..

Page
339

optional
Sealings IP44

page 336

Design	Order no.	PU
anthracite velvety, lacquered, 1gang	* **1011 60 86**	10
anthracite velvety, lacquered, 2gang	* **1012 60 86**	10
anthracite velvety, lacquered, 3gang	* **1013 60 86**	2
anthracite velvety, lacquered, 4gang	* **1014 60 86**	2
anthracite velvety, lacquered, 5gang	* **1015 60 86**	2



Frame

i 917

– for emphasising special switches, socket outlets, etc.
– for vertical and horizontal mounting

Suitable for optional
Sealings IP44

Order no.

Page
page 336

Design	Order no.	PU
red velvety, 1gang	**1011 60 62**	10
red velvety, 2gang	**1012 60 62**	10
red velvety, 3gang	**1013 60 62**	2
red velvety, 4gang	**1014 60 62**	2
red velvety, 5gang	**1015 60 62**	2



Frame

- Labelling field

Suitable for optional
Sealings IP44

Order no.

Page
page 336

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white velvety, 1gang	**1011 60 19**	10
polar white velvety, 2gang vertical	**1012 60 19**	10
polar white velvety, 3gang vertical	**1013 60 19**	10
polar white velvety, 4gang vertical	**1014 60 19**	2
polar white velvety, 5gang vertical	**1015 60 19**	2
polar white velvety, 2gang horizontal	**1022 60 19**	10
polar white velvety, 3gang horizontal	**1023 60 19**	10
polar white velvety, 4gang horizontal	**1024 60 19**	2
polar white velvety, 5gang horizontal	**1025 60 19**	2

New



Frame

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

Suitable for optional	Order no.	Page
Sealings IP44		page 336

Design	Order no.	PU
anthracite velvety, lacquered, 1gang	* **1011 60 16**	10
anthracite velvety, lacquered, 2gang vertical	* **1012 60 16**	10
anthracite velvety, lacquered, 3gang vertical	* **1013 60 16**	10
anthracite velvety, lacquered, 4gang vertical	* **1014 60 16**	2
anthracite velvety, lacquered, 5gang vertical	* **1015 60 16**	2
anthracite velvety, lacquered, 2gang horizontal	* **1022 60 16**	10
anthracite velvety, lacquered, 3gang horizontal	* **1023 60 16**	10
anthracite velvety, lacquered, 4gang horizontal	* **1024 60 16**	2
anthracite velvety, lacquered, 5gang horizontal	* **1025 60 16**	2

Frame with large cut-out



Frame with large cut-out

Not suitable for surface-mounted frames.

– for vertical mounting

Suitable for	Order no.	Page
Push-button 3gang with thermostat	7566 37 29	753
Push-button 5gang with thermostat	7566 57 29	753

Design	Order no.	PU
polar white velvety	**1309 60 89**	10

New



Frame with large cut-out

Not suitable for surface-mounted frames.

– for vertical mounting

Suitable for	Order no.	Page
Push-button 3gang with thermostat	7566 37 26	753
Push-button 5gang with thermostat	7566 57 26	753

Design	Order no.	PU
anthracite velvety, lacquered	* **1309 60 86**	10

Surface mounted frames

New



Frame surface-mounted

Insertion depth 33.5 mm

For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter Dry surface-mounted installation.

Flush-mounted devices can be used with surface-mounted frames for surface-mounted installation.

– entry at top and bottom possible
– with cable and duct entry

Suitable for	Order no.	Page
Base plates		page 338
optional		
Entries/connectors		page 662

Design	Order no.	PU
polar white glossy, 1gang	**1029 00 69**	10
polar white glossy, 2gang	**1030 00 69**	10
polar white glossy, 3gang	**1031 00 69**	5
anthracite velvety, lacquered, 1gang	* **1029 60 86**	10
anthracite velvety, lacquered, 2gang	* **1030 60 86**	10
anthracite velvety, lacquered, 3gang	* **1031 60 86**	5
red glossy, 1gang	**1029 00 62**	10
red glossy, 2gang	**1030 00 62**	10
red glossy, 3gang	**1031 00 62**	5

Berker Q.3

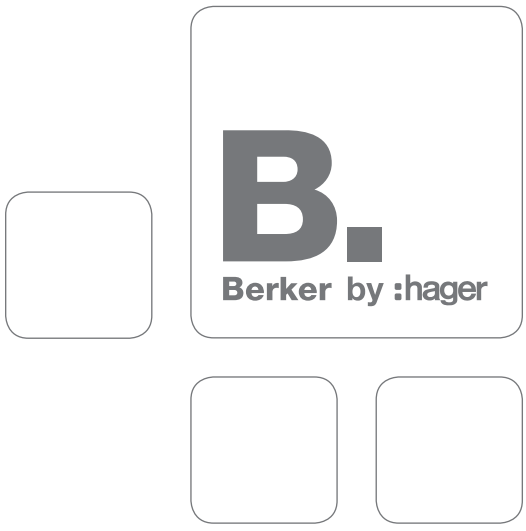
Robust. Hardly any term describes the Berker Q.3 better. On the hand, there is its clear contour, on another its scratch-resistant and friendly surface. It is equipped with the same centre plates as its sister programme Berker Q.1. Its functional benefits are also noteworthy: the Berker Q.3 is ideally suited to installations in dado ducts.

- Together with the radii of the central plates, the clear, cornered frame forms a design contrast, which can be ideally integrated into the architecture of modern buildings.
- Combination frames allow you to combine up to 5 devices vertically or horizontally.
- Available surface: polar white, velvety lacquered anthracite



Frames

Plastic, silky	
polar white	similar to RAL 9010
anthracite, lacquered	similar to RAL 7021
red	similar to RAL 3003
green	similar to RAL 6029
orange	similar to RAL 2003


B.
Berker by :hager

Frames

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

New



Frame

i 917

– for vertical and horizontal mounting

Suitable for optional	Order no.	Page
Sealings IP44		page 336

Design	Order no.	PU
polar white velvety, 1gang	* **1011 60 99**	10
polar white velvety, 2gang	* **1012 60 99**	2
polar white velvety, 3gang	* **1013 60 99**	2
polar white velvety, 4gang	* **1014 60 99**	2
polar white velvety, 5gang	* **1015 60 99**	2

New



Frame

i 917

– for vertical and horizontal mounting

Suitable for optional	Order no.	Page
Sealings IP44		page 336

Design	Order no.	PU
anthracite velvety, lacquered, 1gang	* **1011 60 96**	10
anthracite velvety, lacquered, 2gang	* **1012 60 96**	2
anthracite velvety, lacquered, 3gang	* **1013 60 96**	2
anthracite velvety, lacquered, 4gang	* **1014 60 96**	2
anthracite velvety, lacquered, 5gang	* **1015 60 96**	2



Frame

- Labelling field



When the frame has been dismantled, the labelling field remains on the insert.

For inserts with order no. 4522, 4523, 4593, 4594, mounting of the labelling field on the supporting ring is not possible.
For this, the labelling field can be engaged in the recess of the frame.

– also suitable for cable ducts

Design	Order no.	PU
polar white velvety, 1gang	**1051 60 99**	10
polar white velvety, 2gang horizontal	**1022 60 99**	10
polar white velvety, 2gang vertical	**1052 60 99**	10
polar white velvety, 3gang horizontal	**1023 60 99**	10
polar white velvety, 3gang vertical	**1053 60 99**	10

Frame with large cut-out

New



Frame with large cut-out

Not suitable for surface-mounted frames.

– for vertical mounting

Suitable for	Order no.	Page
Push-button 3gang with thermostat	7566 37 29	753
Push-button 5gang with thermostat	7566 57 29	753

Design	Order no.	PU
polar white velvety	* **1309 60 99**	2

New



Frame with large cut-out

Not suitable for surface-mounted frames.

– for vertical mounting

Suitable for	Order no.	Page
Push-button 3gang with thermostat	7566 37 26	753
Push-button 5gang with thermostat	7566 57 26	753

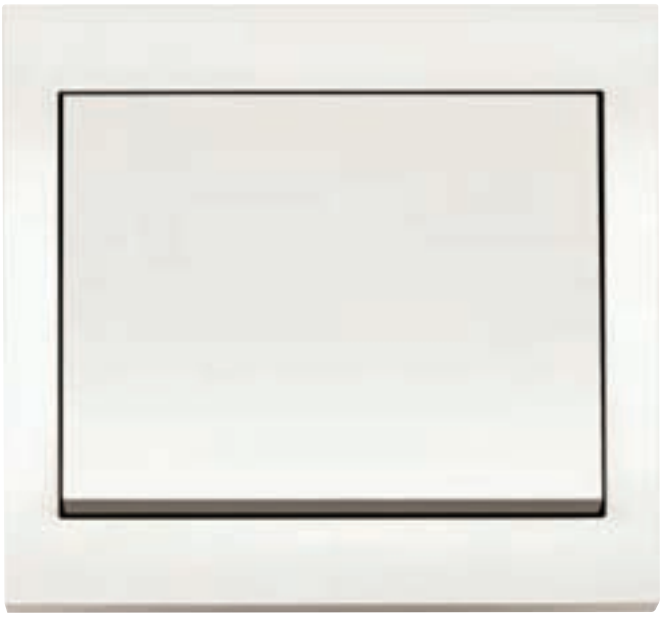
Design	Order no.	PU
anthracite velvety, lacquered	* **1309 60 96**	1

Berker K.1/K.5

Profiled, contoured, sleek: the Berker K.1 and its sister programme, Berker K.5, are perfect examples for straight designs. It gets better: the Berker K.5 is now also available in fully-anodised aluminium, as well as in its classic stainless steel variant.

Berker K.1
- High breaking resistance and long life
- Available in glossy polar white or matt anthracite
- Multiple frames vertical or horizontal for up to five devices

Berker K.5
- High-quality stainless steel combined with classic design
- Unique combination of clear contours and matt-shiny surface
- New: also available in fully-anodised aluminium (according to E6EV1)





DESIGN PLUS

GOLD AWARD Product 2012

Frames / Covers / Central inserts

Plastic, glossy

polar white	similar to RAL 9010
red	similar to RAL 3003
green	similar to RAL 6029
orange	similar to RAL 2003
yellow	similar to RAL 1004

Plastic, matt lacquered

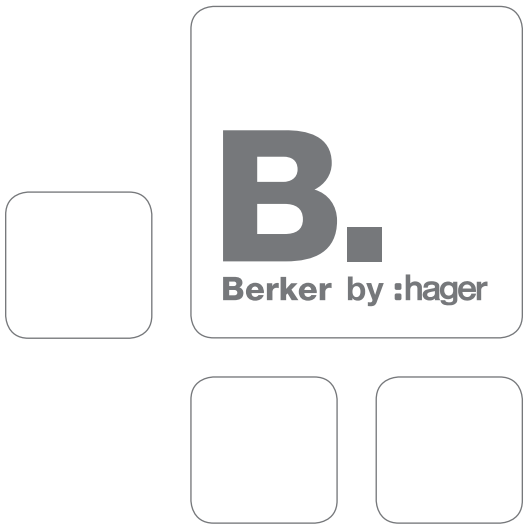
anthracite	similar to RAL 7021

Metal, matt finish
stainless steel

Metal, anodised
aluminium (according to E6EV1)

Individual items that cannot be coated for technical reasons are lacquered.

Schuko socket outlets	358
International socket outlet systems	365
Covers for switches/push-buttons	369
Timers	372
Covers for dimmers	373
BLC – Berker Light Control	374
Covers for blind switches/push-buttons	376
RolloTec	378
HAVAC controllers and covers	380
Communication/multimedia technology	383
Consumer electronics	388
Covers for pilot lamps	389
Supplementary products	390
Hotel applications	392
Barrier-free construction	393
Hospital installation	394
Frames	400
Surface-mounted housings	402



SCHUKO socket outlets

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

New



SCHUKO socket outlet i 853

Rated voltage 250 V~
Rated current 16 A

– with plug-in terminals

Design	Order no.	PU
polar white glossy	**4715 70 09**	10
anthracite matt, lacquered	**4715 70 06**	10
Aluminium, aluminium anodised	* **4715 70 03**	10
Stainless steel, metal matt finish	**4715 70 04**	10

New



SCHUKO socket outlet i 853

- enhanced contact protection

– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
polar white glossy	**4735 70 09**	10
anthracite matt, lacquered	**4735 70 06**	10
Aluminium, aluminium anodised	* **4735 70 03**	10
Stainless steel, metal matt finish	**4735 70 04**	10

New



SCHUKO socket outlet i 853

- Screw-in lift terminals

– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
polar white glossy	**4115 70 09**	10
anthracite matt, lacquered	**4115 70 06**	10
Aluminium, aluminium anodised	* **4115 70 03**	10
Stainless steel, metal matt finish	**4115 70 04**	10

New



SCHUKO socket outlet i 853

- enhanced contact protection
- Screw-in lift terminals

– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
polar white glossy	**4135 70 09**	10
anthracite matt, lacquered	**4135 70 06**	10
Aluminium, aluminium anodised	* **4135 70 03**	10
Stainless steel, metal matt finish	**4135 70 04**	10

New



SCHUKO socket outlet i 853

- Labelling field

– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white glossy	**4739 70 09**	10
anthracite matt, lacquered	**4739 70 06**	10
aluminium matt, lacquered	* **4739 70 03**	10
stainless steel matt, lacquered	**4739 70 04**	10

New



SCHUKO socket outlet i 853

- Labelling field
- enhanced contact protection

– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white glossy	**4738 70 09**	10
anthracite matt, lacquered	**4738 70 06**	10
aluminium matt, lacquered	* **4738 70 03**	10
stainless steel matt, lacquered	**4738 70 04**	10

New



SCHUKO socket outlet 45° i 853

- Labelling field

– for diagonal installation
– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

Labelling field height designed for 6 mm P-touch strips.

Design	Order no.	PU
polar white glossy	**4728 71 09**	10
anthracite matt, lacquered	**4728 71 06**	10
aluminium matt, lacquered	* **4728 71 03**	10
stainless steel matt, lacquered	**4728 71 04**	10

New



SCHUKO socket outlet with LED orientation light

i 853

- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Conductor cross-section (rigid)	max. 2.5 mm²

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

Design	Order no.	PU
polar white glossy	* **4109 70 09**	10
anthracite matt, lacquered	* **4109 70 06**	10
aluminium matt, lacquered	* **4109 70 03**	10
stainless steel matt, lacquered	* **4109 70 04**	10



SCHUKO socket outlet with control LED

i 853

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.

- with screw-in lift terminals

Design	Order no.	PU
polar white glossy	**4110 70 09**	10

New



Double SCHUKO socket outlet with cover plate

i 853

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

For installation in 1gang wall boxes according to according to DIN 49073-1

- with plug-in terminals

Design	Order no.	PU
polar white glossy	**4753 70 09**	10
anthracite matt, lacquered	**4753 70 06**	10
aluminium matt, lacquered	* **4753 70 03**	10
stainless steel matt, lacquered	**4753 70 04**	10

New



Double SCHUKO socket outlet with cover plate

i 853

- enhanced contact protection
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A
Assembling height 22 mm

For installation in 1gang wall boxes according to according to DIN 49073-1

Design	Order no.	PU
polar white glossy	**4729 70 09**	10
anthracite matt, lacquered	**4729 70 06**	10
aluminium matt, lacquered	* **4729 70 03**	10
stainless steel matt, lacquered	**4729 70 04**	10

x2

SCHUKO socket outlets with hinged cover

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

New



SCHUKO socket outlet with hinged cover

i 853

- enhanced contact protection
- when opening hinged cover, it can be arrested in end position
- with imprint
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
polar white glossy	**4751 71 09**	10
anthracite matt, lacquered	**4751 71 06**	10
Aluminium, aluminium anodised	* **4751 71 03**	10
Stainless steel, metal matt finish	**4751 71 04**	10

New



SCHUKO socket outlet with hinged cover

i 853

- enhanced contact protection
- with self-closing hinged covers
- with imprint
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	336

Design	Order no.	PU
polar white glossy	**4751 72 09**	10
anthracite matt, lacquered	**4751 72 06**	10
Aluminium, aluminium anodised	* **4751 72 03**	10
Stainless steel, metal matt finish	**4751 72 04**	10

New



SCHUKO socket outlet with hinged cover

i 853

- enhanced contact protection
- when opening hinged cover, it can be arrested in end position
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

Design	Order no.	PU
polar white glossy	**4747 71 09**	10
anthracite matt, lacquered	**4747 71 06**	10
Aluminium, aluminium anodised	* **4747 71 03**	10
Stainless steel, metal matt finish	**4747 71 04**	10

New



SCHUKO socket outlet with hinged cover

- Labelling field
- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for 6 mm P-touch strips.

Specially suited to combinations of several socket outlets if right angle plugs are used.

i 853

- when opening hinged cover, it can be arrested in end position
- with imprint
- with plug-in terminals

Design	Order no.	PU
polar white glossy	**4752 71 09**	10
anthracite matt, lacquered	**4752 71 06**	10
Aluminium, aluminium anodised	* **4752 71 03**	10
Stainless steel, metal matt finish	**4752 71 04**	10



New



SCHUKO socket outlet with hinged cover

- Labelling field
- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for 6 mm P-touch strips.

Specially suited to combinations of several socket outlets if right angle plugs are used.

i 853

- with self-closing hinged covers
- with imprint
- with plug-in terminals

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	336

Design	Order no.	PU
polar white glossy	**4752 72 09**	10
anthracite matt, lacquered	**4752 72 06**	10
Aluminium, aluminium anodised	* **4752 72 03**	10
Stainless steel, metal matt finish	**4752 72 04**	10



New



SCHUKO socket outlet with hinged cover

- Labelling field
- enhanced contact protection
- Installation position variable in 45° steps



Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for 6 mm P-touch strips.

Specially suited to combinations of several socket outlets if right angle plugs are used.

i 853

- when opening hinged cover, it can be arrested in end position
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

Design	Order no.	PU
polar white glossy	**4748 71 09**	10
anthracite matt, lacquered	**4748 71 06**	10
Aluminium, aluminium anodised	* **4748 71 03**	10
Stainless steel, metal matt finish	**4748 71 04**	10



SCHUKO socket outlets with safety device

New



SCHUKO socket outlet with overvoltage protection

i 882

- Labelling field
- Screw terminals



- with indicator LED for “on/error”
- with acoustic fault signal
- with imprint
- with screw terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.
Overvoltage protection to according to EN 61643 and VDE 0675-6-11

Design	Order no.	PU
polar white glossy	**4152 71 09**	1
anthracite matt, lacquered	**4152 71 06**	1
aluminium matt, lacquered	* **4152 71 03**	1
stainless steel matt, lacquered	**4152 71 04**	1



New



SCHUKO socket outlet with residual current circuit-breaker

i 909

- enhanced contact protection



- type A for alternating currents and pulsating direct currents
- to protect connected and downstream loads
- with plug-in terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Measurement error current	30 mA
Trigger time	≤ 30 ms
Surge current resistance	250 A (8/20) µs
Short-circuit resistance (with back-up fuse 20 AgL)	3 kA

Through-wired socket outlets are also protected.
Tested conform according to VDE 0664 (EN 61008)
Suitable for use according to according to DIN VDE 0100-410

Design	Order no.	PU
polar white glossy	**4708 70 09**	1
anthracite matt, lacquered	**4708 70 06**	1
aluminium matt, lacquered	* **4708 70 03**	1
stainless steel matt, lacquered	**4708 70 04**	1



SCHUKO socket outlets for special applications



SCHUKO socket outlet

i 853

Rated voltage	250 V~
Rated current	16 A

- with plug-in terminals

Insert colour-coded.

Design	Order no.	PU
red glossy	**4715 70 15**	10
green glossy	**4715 70 13**	10
orange glossy	**4715 70 14**	10





SCHUKO socket outlet with imprint i 853

Rated voltage 250 V~
Rated current 16 A

– with plug-in terminals

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

Design	Order no.	PU
red glossy, Imprint “EDV”	**4715 71 15**	10
green glossy, Imprint “SV”	**4715 71 13**	10
orange glossy, Imprint “ZSV”	**4715 71 14**	10



SCHUKO socket outlet i 853

- Labelling field

– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

Design	Order no.	PU
red glossy	**4739 70 15**	10
green glossy	**4739 70 13**	10
orange glossy	**4739 70 14**	10



SCHUKO socket outlet with imprint i 853

- Labelling field

– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.
Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
red glossy, Imprint “EDV”	**4739 71 15**	10
green glossy, Imprint “SV”	**4739 71 13**	10
orange glossy, Imprint “ZSV”	**4739 71 14**	10



SCHUKO socket outlet with control LED and imprint i 853

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.
Labelling field height arranged for P-touch strips 6 mm.
Execution SV, ZSV to according to VDE 0100-710

Design	Order no.	PU
red glossy, Imprint “EDV”	**4110 71 15**	10
green glossy, Imprint “SV”	**4110 71 13**	10
orange glossy, Imprint “ZSV”	**4110 71 14**	10



SCHUKO socket outlet with overvoltage protection

i 882

- Labelling field
- Screw terminals

- with imprint
- with indicator LED for “on/error”
- with acoustic fault signal
- with screw terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

Overvoltage protection to according to EN 61643 and VDE 0675-6-11

Design	Order no.	PU
red glossy	**4152 71 15**	1

International socket outlet systems

- Connection terminals according to IEC 60884-1
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1

Socket outlets without earthing contact

New



Socket outlet without earthing contact

i 853

Rated voltage	250 V~	– without spreader claws
Rated current	16 A	– 2pole
Mirror depth	8 mm	– with plug-in terminals

Design	Order no.	PU
polar white glossy	**61 6715 70 09**	10
anthracite matt, lacquered	**61 6715 70 06**	10
aluminium matt, lacquered	* **61 6715 70 03**	10
stainless steel matt, lacquered	**61 6715 70 04**	10



Socket outlet without earthing contact EURO-AMERICAN STANDARD

- enhanced contact protection

- centre plate for plug-in fixing
- without spreader claws
- 2pole
- with screw terminals

Rated voltage	250 V~
Rated current	10 A
Conductor cross-section (rigid)	max. 4 mm²

Only for Asia.

Design	Order no.	PU
polar white glossy	**33 4207 80 09**	1

Socket outlets with earthing pin

New



Socket outlet with earthing pin

i 853

- enhanced contact protection

- 2pole + earth
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.7 mm

Design	Order no.	PU
polar white glossy	**67 6875 70 09**	10
anthracite matt, lacquered	**67 6875 70 06**	10
Aluminium, aluminium anodised	* **67 6875 70 03**	10
Stainless steel, metal matt finish	**67 6875 70 04**	10

New



Socket outlet with earthing pin

i 853

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.7 mm

Design	Order no.	PU
polar white glossy	**67 6575 70 09**	10
anthracite matt, lacquered	**67 6575 70 06**	10
Aluminium, aluminium anodised	* **67 6575 70 03**	10
Stainless steel, metal matt finish	**67 6575 70 04**	10

New



Socket outlet with earthing pin and LED orientation light

i 853

- enhanced contact protection
- Screw-in lift terminals

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- long service life of the LED
- white LED light
- 2pole + earth
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

Rated voltage 250 V~
Frequency 50/60 Hz
Rated current 16 A
Power consumption 0,25 W/0,35 VA
Switch-off brightness ca. 4 lx
Light intensity (white) 0.2 cd
Switch-on brightness ca. 2 lx
Conductor cross-section (rigid) max. 2.5 mm²

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

Design	Order no.	PU
polar white glossy	* **67 6510 70 09**	10
anthracite matt	* **67 6510 70 06**	10
aluminium matt, lacquered	* **67 6510 70 03**	10
stainless steel matt, lacquered	* **67 6510 70 04**	10



Socket outlet with earth contact pin and monitoring LED

i 853

- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
polar white glossy	**67 6509 70 09**	10

New



Socket outlet with earthing pin and hinged cover

i 853

- enhanced contact protection

– when opening hinged cover, it can be arrested in end position
– with imprint
– 2pole + earth
– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
polar white glossy	**67 6877 71 09**	10
anthracite matt, lacquered	**67 6877 71 06**	10
Aluminium, aluminium anodised	* **67 6877 71 03**	10
Stainless steel, metal matt finish	**67 6877 71 04**	10

New



Socket outlet with earthing pin and hinged cover

i 853

- enhanced contact protection
- Screw-in lift terminals

– when opening hinged cover, it can be arrested in end position
– with imprint
– 2pole + earth
– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
polar white glossy	**67 6577 71 09**	10
anthracite matt, lacquered	**67 6577 71 06**	10
Aluminium, aluminium anodised	* **67 6577 71 03**	10
Stainless steel, metal matt finish	**67 6577 71 04**	10

British Standard socket outlets



Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off

- enhanced contact protection
- Screw terminals

– without spreader claws
– 2pole + earth
– with screw terminals

Rated voltage 250 V~
Rated current 13 A

Design	Order no.	PU
white glossy	# **3342 02 12**	10
polar white glossy	# **3342 02 19**	10
anthracite matt	# **3342 02 16**	10
brown glossy	# **3342 02 11**	10

New



Centre plate for socket outlets, British Standard, can be switched off

	Suitable for Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off	Order no. 3342 02 ..	Page 199

Design	Order no.	PU
white glossy	* **33 1307 70 02**	10
polar white glossy	* **33 1307 70 09**	10
anthracite matt, lacquered	* **33 1307 70 06**	10
aluminium matt, lacquered	* **33 1307 70 24**	10
stainless steel matt, lacquered	* **33 1307 70 04**	10



Socket outlet with earthing contact CHINA 10 A

- enhanced contact protection
- Screw terminals

- centre plate for plug-in fixing
- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage 250 V~
Rated current 10 A
Conductor cross-section (rigid) max. 4 mm²

Only for Asia.

Design	Order no.	PU
polar white glossy	**33 4208 80 09**	1



Socket outlet with earthing contact CHINA 16 A

- enhanced contact protection
- Screw terminals

- centre plate for plug-in fixing
- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage 250 V~
Rated current 16 A
Conductor cross-section (rigid) max. 4 mm²

Only for Asia.

Design	Order no.	PU
polar white glossy	**33 4209 80 09**	1

Socket outlets with earthing pin for special applications



Socket outlet with earth contact pin and monitoring LED

i 853

- enhanced contact protection
- Screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
red glossy	**67 6509 70 15**	10
green glossy	**67 6509 70 13**	10
orange glossy	**67 6509 70 14**	10

Covers for switches/push-buttons

Rockers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.

New



Rocker

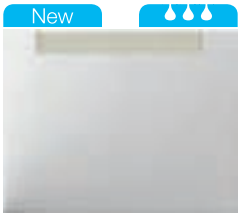
Not suitable for rocker push-button switches.

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design	Order no.	PU
polar white glossy	**1405 70 09**	10
anthracite matt, lacquered	**1405 70 06**	10
Aluminium, aluminium anodised	* **1405 70 03**	10
Stainless steel, metal matt finish	**1405 70 04**	10

New



Rocker

- Labelling field



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Not suitable for rocker push-button switches.

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design	Order no.	PU
polar white glossy	**1426 70 09**	10
anthracite matt, lacquered	**1426 70 06**	10
Aluminium, aluminium anodised	* **1426 70 03**	10
Stainless steel, metal matt finish	**1426 70 04**	10

New



Rocker

- Lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Not suitable for rocker push-button switches.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

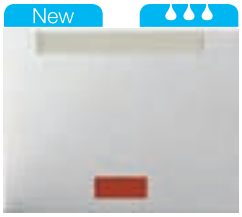
– for illumination and monitoring circuit

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

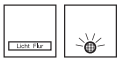
Design	Order no.	PU
polar white glossy	**1415 70 09**	10
anthracite matt, lacquered	**1415 70 06**	10
Aluminium, aluminium anodised	* **1415 70 03**	10
Stainless steel, metal matt finish	**1415 70 04**	10

New



Rocker

- Labelling field
- Lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Not suitable for rocker push-button switches.

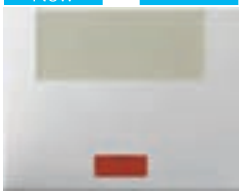
Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

– for illumination and monitoring circuit
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

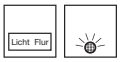
Design		Order no.	PU
polar white glossy		**1415 71 09**	10
anthracite matt, lacquered		**1415 71 06**	10
Aluminium, aluminium anodised	*	**1415 71 03**	10
Stainless steel, metal matt finish		**1415 71 04**	10

New



Rocker

- Large labelling field
- Lens



Labelling field (W x H) ≈ 49.5 x 20.3 mm

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Labelling field height arranged for two 9 mm P-touch strips.

Not suitable for rocker push-button switches.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

– for illumination and monitoring circuit
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

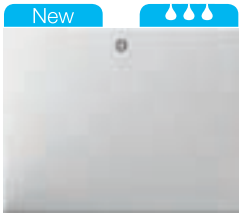
Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design		Order no.	PU
polar white glossy		**1496 70 09**	10
anthracite matt, lacquered		**1496 70 06**	10
aluminium matt, lacquered	*	**1496 70 03**	10
stainless steel matt, lacquered		**1496 70 04**	10

Rockers for multi-pole rocker switches

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.

New



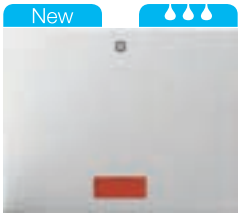
Rocker with imprint “0”

Not suitable for rocker push-button switches.

Suitable for	Order no.	Page
Multi-pole rocker switches		page 26
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design		Order no.	PU
polar white glossy		**1425 71 09**	10
anthracite matt, lacquered		**1425 71 06**	10
Aluminium, aluminium anodised	*	**1425 71 03**	10
Stainless steel, metal matt finish		**1425 71 04**	10

New



Rocker with imprint “0”

- Red lens

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Not suitable for rocker push-button switches.

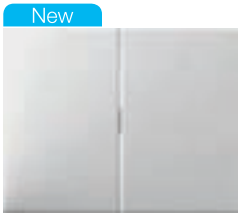
– for illumination and monitoring circuit
– also for KNX applications: group push-button, 1gang

Suitable for	Order no.	Page
Multi-pole rocker switches		page 26
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design	Order no.	PU
polar white glossy	**1417 71 09**	10
anthracite matt, lacquered	**1417 71 06**	10
Aluminium, aluminium anodised	* **1417 71 03**	10
Stainless steel, metal matt finish	**1417 71 04**	10

Multiple Rockers

New



Rocker 2gang

Not suitable for rockers push-button switches.

– also for KNX applications: push-button, 2gang, and group push-button, 2gang

Suitable for	Order no.	Page
Rocker switches, 2gang		page 28
Series push-buttons		page 29

Design	Order no.	PU
polar white glossy	**1435 70 09**	10
anthracite matt, lacquered	**1435 70 06**	10
Aluminium, aluminium anodised	* **1435 70 03**	10
Stainless steel, metal matt finish	**1435 70 04**	10

New



Rocker 2gang

- Red lens

Not suitable for rockers push-button switches.

– for illumination and monitoring circuit
– also for KNX applications: push-button, 2gang, and group push-button, 2gang

Suitable for	Order no.	Page
Rocker switches, 2gang		page 28
Series push-buttons		page 29

Design	Order no.	PU
polar white glossy	**1437 70 09**	10
anthracite matt, lacquered	**1437 70 06**	10
aluminium matt, lacquered	* **1437 70 03**	10
stainless steel matt, lacquered	**1437 70 04**	10

New



Rocker 3gang

Suitable for	Order no.	Page
On/off switch 3gang	6330 23	31

Design	Order no.	PU
polar white glossy	**1465 70 09**	10
anthracite matt, lacquered	**1465 70 06**	10
Aluminium, aluminium anodised	* **1465 70 03**	10
stainless steel matt, lacquered	**1465 70 04**	10

Centre plates for pullcord switches/pullcord push-buttons



Centre plate for pullcord switch/pullcord push-button

Suitable for	Order no.	Page
Pullcord switches/pullcord push-buttons		page 32

Design	Order no.	PU
polar white glossy	**1147 70 09**	10
anthracite matt, lacquered	**1147 70 06**	10

Centre plates for key switches/key push-buttons

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 70 00.

New



Centre plate for key switch/key push-button

– for master-key systems

Suitable for	Order no.	Page
Key switches/key push-buttons		page 33
Lock cylinder	1818 ..	75
optional		
Sealing set for key switch/key push-button	1010 70 00	337

Design	Order no.	PU
polar white glossy	**1505 70 09**	10
anthracite matt, lacquered	**1505 70 06**	10
aluminium matt, lacquered	* **1505 70 03**	10
stainless steel matt, lacquered	**1505 70 04**	10

Centre plates for protection switches



50 x 50 mm centre plate for RCD protection switch

Caution!
Use only with intermediate ring for 50 x 50 mm centre plate from the corresponding range.

Suitable for	Order no.	Page
Residual current circuit-breaker	2844	34

Design	Order no.	PU
polar white glossy	**1493 09**	1
anthracite matt	**1493 16 06**	1
stainless steel matt, lacquered	**1493 04**	1

Timers

New



Centre plate for mechanical timer

Design	Order no.	PU
with time scale 15 min		
polar white glossy	**1634 71 09**	1
anthracite matt, lacquered	**1634 71 06**	1
Aluminium, aluminium anodised	* **1634 71 03**	1
Stainless steel, metal matt finish	**1634 71 04**	1
with time scale 120 min		
polar white glossy	**1635 71 09**	1
anthracite matt, lacquered	**1635 71 06**	1
Aluminium, aluminium anodised	* **1635 71 03**	1
Stainless steel, metal matt finish	**1635 71 04**	1

New



New



Timer comfort for sensors

854

- Display

– 2 independent programme memories for everyday/holidays
– connected RolloTec brightness sensor can be used for twilight-controlled switching-on
– astro programme for sunrise/sundown switching
– with preset basic programme
– with week and day programme
– after charging, the timer can also be programmed when removed.

Suitable for	Order no.	Page
Insert for timer	2948	38
optional		
RolloTec brightness sensor	169	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor surface-mounted	184	128

Design	Order no.	PU
polar white glossy	**1738 71 09**	1
anthracite matt, lacquered	**1738 71 06**	1
aluminium matt, lacquered	* **1738 71 03**	1
stainless steel matt, lacquered	**1738 71 04**	1

New



Timer comfort

- Display

- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

854

Suitable for	Order no.	Page
Insert for timer	2948	38

Design	Order no.	PU
polar white glossy	**1736 71 09**	1
anthracite matt, lacquered	**1736 71 06**	1
aluminium matt, lacquered	* **1736 71 03**	1
stainless steel matt, lacquered	**1736 71 04**	1

New



Timer Easy

- Display

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of switching times
- programmable for approx. 4 h after removing insert
- with quick programming mode

854

Suitable for	Order no.	Page
Insert for timer	2948	38

Design	Order no.	PU
polar white glossy	**1735 70 09**	1
anthracite matt, lacquered	**1735 70 06**	1
aluminium matt, lacquered	* **1735 70 03**	1
stainless steel matt, lacquered	**1735 70 04**	1

Covers for dimmers

Centre plates for rotary dimmers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

New



Centre plate for rotary dimmer

- Setting knob

Axis dimension Ø 4 mm

Suitable for	Order no.	Page
Rotary dimmers		page 40
Rotary potentiometers DALI		page 44
1-10 V Rotary potentiometers		page 45
optional		
Sealing set for socket outlets/centre plates	1010 72 00	336

Design	Order no.	PU
polar white glossy	**1135 70 09**	10
anthracite matt, lacquered	**1135 70 06**	10
Aluminium, aluminium anodised	* **1135 70 03**	10
Stainless steel, metal matt finish	**1135 70 04**	10

Push-buttons

New



Button for universal series touch dimmer

857

Suitable for	Order no.	Page
Universal series touch dimmer (R, L, C)	2901	47

Design	Order no.	PU
polar white glossy	**1765 70 09**	1
anthracite matt, lacquered	**1765 70 06**	1
Aluminium, aluminium anodised	* **1765 70 03**	1
Stainless steel, metal matt finish	**1765 70 04**	1

BLC -Berker Light Control

BLC push-buttons

New



BLC push-button

i 859

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit	2907	57



Design	Order no.	PU
polar white glossy	**1761 70 09**	1
anthracite matt, lacquered	**1761 70 06**	1
Aluminium, aluminium anodised	* **1761 70 03**	1
Stainless steel, metal matt finish	**1761 70 04**	1

BLC controller

New



BLC controller comfort 1.1 m

i 862

Delay time, adjustable	≈ 10 s ... 30 min
Detection angle	180 °
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)

- with teach function for response brightness
- with slide switch for OFF/automatic/ON
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91





Design	Order no.	PU
Nominal mounting height 1.1 m		
polar white glossy	**1784 70 09**	1
anthracite matt, lacquered	**1784 70 06**	1
aluminium matt, lacquered	* **1784 70 03**	10
stainless steel matt, lacquered	**1784 70 04**	1

New



BLC IR controller comfort 2.2 m with hand-held transmitter

i 863

Delay time, adjustable	≈ 10 s ... 60 min
Detection angle	180 °

Scope of delivery:
- BLC IR controller comfort
- IR hand-held transmitter

- with 2 buttons for permanent ON (LED green), permanent OFF (LED red) and automatic
- with detection and IR receiver LED red, and IR confirmation LED green
- with teach function for response brightness
- presence simulation via remote control: retrieval of the switching operations from the last 7 days
- hotel mode via remote control: without motion dimming to 20%
- short-time mode with immunity time (e.g. for bell) via remote control
- test mode via remote control: response sensitivity 100%, time delay 1 s and day mode



Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91



Design	Order no.	PU
Nominal mounting height 2.2 m		
polar white glossy	**1789 70 09**	1
anthracite matt, lacquered	**1789 70 06**	1
aluminium matt, lacquered	* **1789 70 03**	1
stainless steel matt, lacquered	**1789 70 04**	1

New



BLC controller

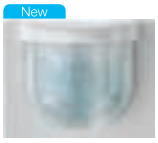
i 862

Delay time ≈ 2 min
Detection angle 180 °
Response brightness, adjustable ≈ 0 ... 80 lx, ∞ lx (day)

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91



New



Design		Order no.	PU
Nominal mounting height 1.1 m			
polar white glossy [1]		**1783 70 09**	1
anthracite matt, lacquered [1]		**1783 70 06**	1
aluminium matt, lacquered [1]	*	**1783 70 03**	1
stainless steel matt, lacquered [1]		**1783 70 04**	1
Nominal mounting height 2.2 m			
polar white glossy		**1788 70 09**	1
anthracite matt, lacquered		**1788 70 06**	1
aluminium matt, lacquered	*	**1788 70 03**	1
stainless steel matt, lacquered		**1788 70 04**	1

[1] with cover to limit detection angle to 90°



BLC controller comfort IP44

i 862

Delay time, adjustable ≈ 10 s ... 30 min
Detection angle 180 °
Response brightness, adjustable ≈ 0 ... 80 lx, ∞ lx (day)

– with teach function for response brightness
– with cover to limit detection angle to 90°

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91

IP44



Design		Order no.	PU
Nominal mounting height 1.1 m			
polar white glossy		**1784 71 09**	1
anthracite matt, lacquered		**1784 71 06**	1
Nominal mounting height 2.2 m			
polar white glossy		**1787 71 09**	1
anthracite matt, lacquered		**1787 71 06**	1



BLC controller IP44

i 862

Delay time ≈ 2 min
Detection angle 180 °
Response brightness, adjustable ≈ 0 ... 80 lx, ∞ lx (day)

– with cover to limit detection angle to 90°

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91

IP44



Design		Order no.	PU
Nominal mounting height 1.1 m			
polar white glossy		**1783 71 09**	1
anthracite matt, lacquered		**1783 71 06**	1
Nominal mounting height 2.2 m			
polar white glossy		**1786 71 09**	1
anthracite matt, lacquered		**1786 71 06**	1

Covers for blind switches/push-buttons

Rockers with imprint

New



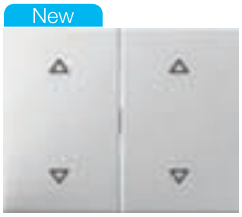
Rocker 2gang with imprinted arrow symbol

- also for KNX applications: push-button, 2gang
- for blind series switch/push-button

Suitable for	Order no.	Page
Switch / push-button for blinds		page 112

Design	Order no.	PU
polar white glossy	**1435 71 09**	10
anthracite matt, lacquered	**1435 71 06**	10
Aluminium, aluminium anodised	* **1435 71 03**	10
Stainless steel, metal matt finish	**1435 71 04**	10

New



Rocker 2gang with imprinted arrows symbol

- also for KNX applications: group push-button, 2gang

Suitable for	Order no.	Page
Group series push-button, 4 NO contacts, common input terminal	5034 04	29

Design	Order no.	PU
polar white glossy	**1435 72 09**	10
anthracite matt, lacquered	**1435 72 06**	10
Aluminium, aluminium anodised	* **1435 72 03**	10
Stainless steel, metal matt finish	**1435 72 04**	10

Centre plates for rotary switches for blinds

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

New



Centre plate with rotary knob for rotary switch for blinds

- with imprint

Suitable for	Order no.	Page
Rotary switch for blinds		page 114
optional		
Sealing set for socket outlets/centre plates	1010 72 00	336
Interlock disk for rotary switch for blinds	1861	115

Design	Order no.	PU
polar white glossy	**1077 71 09**	1
anthracite matt, lacquered	**1077 71 06**	1
Aluminium, aluminium anodised	* **1077 71 03**	1
Stainless steel, metal matt finish	**1077 71 04**	1

Centre plates for key switches/key push-buttons for blinds

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 70 00.

New



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 0 position

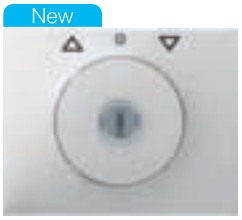


- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	115
Switch for blinds 2pole for centre plate with lock	3852	115

Design	Order no.	PU
polar white glossy	**1079 71 09**	1
anthracite matt, lacquered	**1079 71 06**	1
Aluminium, aluminium anodised	* **1079 71 03**	1
Stainless steel, metal matt finish	**1079 71 04**	1

New



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 3 positions

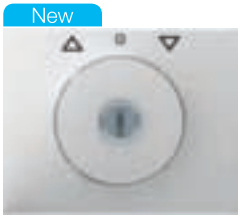


- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	115
Switch for blinds 2pole for centre plate with lock	3852	115

Design	Order no.	PU
polar white glossy	**1079 72 09**	1
anthracite matt, lacquered	**1079 72 06**	1
Aluminium, aluminium anodised	* **1079 72 03**	1
Stainless steel, metal matt finish	**1079 72 04**	1

New



Centre plate with lock and touch function for switch for blinds

- Key can be removed in 0 position



- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	115
Switch for blinds 2pole for centre plate with lock	3852	115

Design	Order no.	PU
polar white glossy	**1079 73 09**	1
anthracite matt, lacquered	**1079 73 06**	1
Aluminium, aluminium anodised	* **1079 73 03**	1
Stainless steel, metal matt finish	**1079 73 04**	1

New



Centre plate for key push-button for blinds/key switch

- with imprint
- for lock cylinder
- for master-key systems

Suitable for	Order no.	Page
Switch for blinds 1pole for lock cylinder	3821 20	117
Switch for blinds 2pole for lock cylinder	3822 10	118
Push-button for blinds 1pole for lock cylinder	3831 ..	118
Push-button for blinds 2pole for lock cylinder	3832 10	118
Lock cylinder	1818 ..	75
optional		
Sealing set for key switch/key push-button	1010 70 00	337

Design	Order no.	PU
polar white glossy	**1504 71 09**	10
anthracite matt, lacquered	**1504 71 06**	10
aluminium matt, lacquered	* **1504 71 03**	10
stainless steel matt, lacquered	**1504 71 04**	10

Rollotec

RolloTec buttons

New



RolloTec button comfort for sensors

i 886

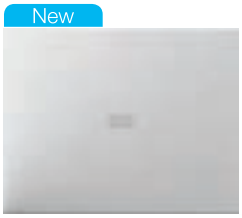
- Runtime when using a surface-mounted brightness sensor, the learned running time for sun protection movement is used
- only for sensor connection to terminal block

Suitable for	Order no.	Page
RolloTec inserts		page 121
optional		
RolloTec glass breakage sensor	170	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor	169	128
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor surface-mounted	184	128



Design	Order no.	PU
polar white glossy	**1771 70 09**	1
anthracite matt, lacquered	**1771 70 06**	1
Aluminium, aluminium anodised	* **1771 70 03**	1
Stainless steel, metal matt finish	**1771 70 04**	1

New



RolloTec button comfort

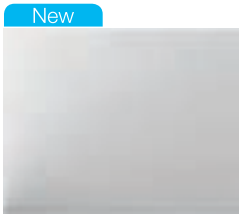
i 886

Suitable for	Order no.	Page
RolloTec inserts		page 121



Design	Order no.	PU
polar white glossy	**1770 70 09**	1
anthracite matt, lacquered	**1770 70 06**	1
Aluminium, aluminium anodised	* **1770 70 03**	1
Stainless steel, metal matt finish	**1770 70 04**	1

New



RolloTec memory button for sensors

i 886

Stored “up” and/or “down” time is run daily in automatic operation.

- only for sensor connection to terminal block

Suitable for	Order no.	Page
RolloTec inserts		page 121
optional		
RolloTec glass breakage sensor	170	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor surface-mounted	184	128
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor	169	128



Design	Order no.	PU
polar white glossy	**1757 70 09**	1
anthracite matt, lacquered	**1757 70 06**	1
Aluminium, aluminium anodised	* **1757 70 03**	1
Stainless steel, metal matt finish	**1757 70 04**	1

New



RolloTec memory button

i 886

Stored “up” and/or “down” time is run daily in automatic operation.

Suitable for	Order no.	Page
RolloTec inserts		page 121



Design	Order no.	PU
polar white glossy	**1756 70 09**	1
anthracite matt, lacquered	**1756 70 06**	1
Aluminium, aluminium anodised	* **1756 70 03**	1
Stainless steel, metal matt finish	**1756 70 04**	1

RolloTec time switches

New



RolloTec comfort time switch for sensors

i 890

- Display

Number of operation times for up/down 18

- with surface-mounted RolloTec brightness sensor, shutter and lamella position additionally settable
- when a surface-mounted RolloTec brightness sensor is connected, twilight-controlled lowering possible
- RolloTec brightness sensor for sun blind movement up/down can be connected
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

Suitable for	Order no.	Page
RolloTec inserts		page 121
optional		
RolloTec brightness sensor	169	128
RolloTec glass breakage sensor	170	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor surface-mounted	184	128
Magnetic contact	9251 0 ..	130

Design	Order no.	PU
polar white glossy	**1775 70 09**	1
anthracite matt, lacquered	**1775 70 06**	1
aluminium matt, lacquered	* **1775 70 03**	1
stainless steel matt, lacquered	**1775 70 04**	1

New



RolloTec comfort time switch

i 890

- Display

Number of operation times for up/down 18

- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

Suitable for	Order no.	Page
RolloTec inserts		page 121

Design	Order no.	PU
polar white glossy	**1774 70 09**	1
anthracite matt, lacquered	**1774 70 06**	1
aluminium matt, lacquered	* **1774 70 03**	1
stainless steel matt, lacquered	**1774 70 04**	1

New



RolloTec easy time switch

i 890

- Display

Number of operation times for up/down 2

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of operation times
- with quick programming mode
- programming possible for up to 6 h after removing insert
- with preset basic programme

Suitable for	Order no.	Page
RolloTec inserts		page 121

Design	Order no.	PU
polar white glossy	**1762 71 09**	1
anthracite matt, lacquered	**1762 71 06**	1
aluminium matt, lacquered	* **1762 71 03**	1
stainless steel matt, lacquered	**1762 71 04**	1

HVAC controllers and covers

Thermostat

New



Thermostat, NO contact, with centre plate

i 884

- Time-controlled



Rated voltage 230 V~
Frequency 50 Hz
Power consumption ≈ 1.2 W
Lithium cell power reserve [years] ≈ 10

- for floor heating, control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142
optional		
Temperature sensor	161	150



Design	Order no.	PU
polar white glossy	**2044 71 09**	1
anthracite matt	**2044 71 06**	1
aluminium matt, lacquered	* **2044 71 03**	1
stainless steel, lacquered	**2044 71 04**	1

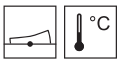
New



Thermostat, NO contact, with centre plate, for underfloor heating

i 883

- Rocker switch
- External temperature sensor



Rated voltage 250 V~
Frequency 50/60 Hz

Suitable for	Order no.	Page
Centre plate for thermostat for underfloor heating	1672 71 ..	140
Valve drive 230 V	7590 00 76	142
replacement		
Temperature sensor	161	150



Design	Order no.	PU
polar white glossy	**2034 71 09**	1
anthracite matt, lacquered	**2034 71 06**	1
aluminium matt, lacquered	* **2034 71 03**	1
stainless steel matt, lacquered	**2034 71 04**	1

New



Temperature controller, change-over contact, with centre plate

i 883

Rated voltage 250 V~
Frequency 50/60 Hz

- for heating or cooling mode

Suitable for	Order no.	Page
Centre plate for thermostat	1670 71 ..	141
Valve drive 230 V	7590 00 76	142



Design	Order no.	PU
polar white glossy	**2026 71 09**	1
anthracite matt, lacquered	**2026 71 06**	1
aluminium matt, lacquered	* **2026 71 03**	1
stainless steel matt, lacquered	**2026 71 04**	1

New



Temperature controller, NC contact, with centre plate

i 883

- Rocker switch



Rated voltage 250 V~
Frequency 50/60 Hz

Suitable for	Order no.	Page
Centre plate for thermostat	1671 71 ..	141
Valve drive 230 V	7590 00 76	142



Design	Order no.	PU
polar white glossy	**2030 71 09**	1
anthracite matt, lacquered	**2030 71 06**	1
aluminium matt, lacquered	* **2030 71 03**	1
stainless steel matt, lacquered	**2030 71 04**	1

New



Temperature controller, NC contact, with centre plate, 24 V AC/DC

i 883

- Rocker switch

Suitable for	Order no.	Page
Centre plate for thermostat	1671 71 ..	141
Valve drive 24 V AC/DC	7590 00 77	142

Rated voltage 24 V~/24 V=
Frequency 50/60 Hz

Design	Order no.	PU
polar white glossy	**2031 71 09**	1
anthracite matt, lacquered	**2031 71 06**	1
aluminium matt, lacquered	* **2031 71 03**	1
stainless steel matt, lacquered	**2031 71 04**	1

New



Centre plate for thermostat for underfloor heating

- Rocker
- Setting knob

Suitable for	Order no.	Page
Thermostat, NO contact, with centre plate, for underfloor heating	2034 71 ..	136

Design	Order no.	PU
polar white glossy	**1672 71 09**	1
anthracite matt, lacquered	**1672 71 06**	1
aluminium matt, lacquered	* **1672 71 03**	1
stainless steel matt, lacquered	**1672 71 04**	1

New



Centre plate for thermostat

- Setting knob

Suitable for	Order no.	Page
Temperature controller, change-over contact, with centre plate	2026 71 ..	137

Design	Order no.	PU
polar white glossy	**1670 71 09**	1
anthracite matt, lacquered	**1670 71 06**	1
aluminium matt, lacquered	* **1670 71 03**	1
stainless steel matt, lacquered	**1670 71 04**	1

New



Centre plate for thermostat

- Rocker
- Setting knob

Suitable for	Order no.	Page
Temperature controller, NC contact, with centre plate	2030 71 ..	138
Temperature controller, NC contact, with centre plate, 24 V AC/DC	2031 71 ..	139

Design	Order no.	PU
polar white glossy	**1671 71 09**	1
anthracite matt, lacquered	**1671 71 06**	1
aluminium matt, lacquered	* **1671 71 03**	1
stainless steel matt, lacquered	**1671 71 04**	1

Central plates for sensor inserts



Central plate for sensor insert

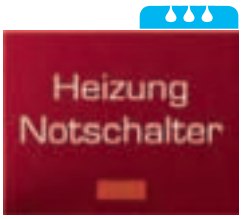
Not suitable for rocker push-button switches.
Caution!
Use only with intermediate ring for central plate from the corresponding range.
Labelling field cannot be used.

Suitable for	Order no.	Page
Sensor insert	7594 10 01	141

Design	Order no.	PU
polar white glossy	**7594 04 09**	1
anthracite matt	**7594 04 85**	1
stainless steel matt, lacquered	**7594 04 03**	1

Rockers for heating emergency switches

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



Rocker with imprint “Heizung Notschalter”

- Red lens

Or use glass pane-protected heating emergency switch from programme ranges Arsys, flush-mounted splash-protected IP44, Aquatec IP44.

Not suitable for heating systems > 50 kW.

– for monitoring circuit
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design	Order no.	PU
red glossy	**1488 71 15**	10

Centre plates for air conditioner/fan controllers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

New



Centre plate with rotary knob for 3-step switch

Suitable for	Order no.	Page
3-step switch	3861 ..	146
optional		
Sealing set for socket outlets/centre plates	1010 72 00	336

Design		Order no.	PU
without 0-position, imprint 2-1-3			
polar white glossy		**1088 71 09**	1
anthracite matt, lacquered		**1088 71 06**	1
Aluminium, aluminium anodised	*	**1088 71 03**	1
Stainless steel, metal matt finish		**1088 71 04**	1
with 0-position, imprint 0-1-2-3			
polar white glossy		**1087 71 09**	1
anthracite matt, lacquered		**1087 71 06**	1
Aluminium, aluminium anodised	*	**1087 71 03**	1
Stainless steel, metal matt finish		**1087 71 04**	1

New



New



Centre plate for speed controller

- Setting knob

– with imprinted symbol curve

Suitable for	Order no.	Page
Speed controllers	2968 01	147
optional		
Sealing set for socket outlets/centre plates	1010 72 00	336

Axis dimension Ø 4 mm

Design		Order no.	PU
polar white glossy		**1135 72 09**	10
anthracite matt, lacquered		**1135 72 06**	10
Aluminium, aluminium anodised	*	**1135 72 03**	10
Stainless steel, metal matt finish		**1135 72 04**	10

Communication/multimedia technology

– For information on suitable third-party manufacturer articles, see the chapter “Communication/multimedia technology”

Covers data-/telecommunication

New



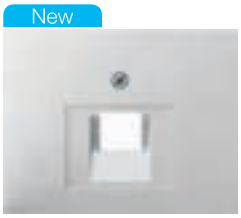
Centre plate with TAE cut-out

– also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
230 V USB charging socket outlet	2600 0 ..	173
Loudspeaker connection box	4572 0 ..	174
Stereo loudspeaker connection box	4573 0 ..	174
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584	163
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	162

Design	Order no.	PU
polar white glossy	**1035 70 09**	10
anthracite matt, lacquered	**1035 70 06**	10
Aluminium, aluminium anodised	* **1035 70 03**	10
Stainless steel, metal matt finish	**1035 70 04**	10

New



Centre plate for FCC socket outlet

– for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
– with 45° oblique outlet

Suitable for	Order no.	Page
UAE socket outlets 1gang		page 157

Design	Order no.	PU
polar white glossy	**1407 70 09**	10
anthracite matt, lacquered	**1407 70 06**	10
Aluminium, aluminium anodised	* **1407 70 03**	10
Stainless steel, metal matt finish	**1407 70 04**	10



Central plate for FCC socket outlet

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
– with 45° oblique outlet
– labelling field latchable

Suitable for	Order no.	Page
UAE socket outlets 1gang		page 157

Design	Order no.	PU
polar white glossy	**1468 09**	10

New



Centre plate for FCC socket outlet 2gang

– for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
– with 45° oblique outlet

Suitable for	Order no.	Page
UAE socket outlets 2gang		page 160

Design	Order no.	PU
polar white glossy	**1409 70 09**	10
anthracite matt, lacquered	**1409 70 06**	10
Aluminium, aluminium anodised	* **1409 70 03**	10
Stainless steel, metal matt finish	**1409 70 04**	10



Central plate for FCC socket outlet 2gang

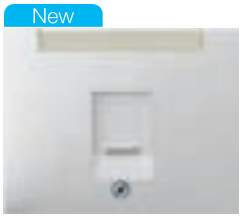
Caution!
Use only with intermediate ring for central plate from the corresponding range.

– for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
– with 45° oblique outlet
– labelling field latchable

Suitable for	Order no.	Page
UAE socket outlets 2gang		page 160

Design	Order no.	PU
polar white glossy	**1469 09**	10

New



Centre plate with dust protection slider

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

– for supporting plates with coloured mounting device, 1gang, order no. 4540 .., see COMMUNICATION/ MULTIMEDIA TECHNOLOGY

Design	Order no.	PU
polar white glossy	**1170 70 09**	10
anthracite matt, lacquered	**1170 70 06**	10
aluminium matt, lacquered	* **1170 70 03**	10
stainless steel matt, lacquered	**1170 70 04**	10

New



Centre plate with 2 dust protection sliders

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

– for supporting plates with coloured mounting devices, 2gang, order no. 4541 .., see COMMUNICATION/ MULTIMEDIA TECHNOLOGY

Design	Order no.	PU
polar white glossy	**1182 70 09**	10
anthracite matt, lacquered	**1182 70 06**	10
aluminium matt, lacquered	* **1182 70 03**	10
stainless steel matt, lacquered	**1182 70 04**	10



Central plate for 3 MINI-COM modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with 30° oblique outlet
– for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
– for Mini-Com fibre-optic modules
– for Mini-Com 3.5 mm stereo connection/coupling modules
– for Mini-Com BNC connector modules
– for Mini-Com Cinch connection/coupling modules
– for Mini-Com D-Subminiature connectors 15pole
– for Mini-Com F-plug coupling modules
– for Mini-Com speaker wire/banana plug modules
– for Mini-Com HDMI™ module, double socket 1.3, type A
– for Mini-Com S-Video connection/coupling modules
– for Mini-Com USB modules, double socket type A, USB 2.0 compliant
– labelling field latchable
– for Mini-Com dummy modules 1gang

Suitable for Multimedia modules — **Order no.** — **Page** page 571

Design	Order no.	PU
polar white glossy	**1427 09**	10
anthracite matt	**1427 16 06**	10



Central plate for Reichle&De-Massari single modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with 30° oblique outlet
– for fibre-optic modules
– for connecting modules RJ45 cat.5e and cat.6
– labelling field latchable

Design	Order no.	PU
polar white glossy	**1472 09**	10
anthracite matt	**1472 16 06**	10



Central plate for Reichle&De-Massari double module

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

Design	Order no.	PU
polar white glossy	**1461 09**	10



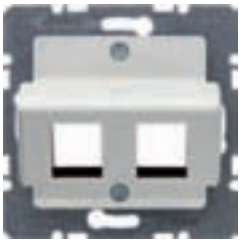
Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- labelling field latchable

Design	Order no.	PU
polar white glossy	**1463 09**	10
anthracite matt	**1463 16 06**	10



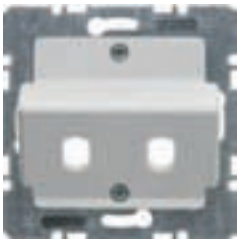
Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks cat.5, cat.5e and cat.6

Design	Order no.	PU
polar white glossy	**1464 09**	10
anthracite matt	**1464 16 06**	10



Central plate for fibre-optic couplings Simplex ST

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 2 fibre-optic couplings

Design	Order no.	PU
polar white glossy, 2gang	**1492 09**	10



Central plate for fibre-optic couplings Duplex SC

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 1 or 2 fibre-optic couplings
- 1 knock out opening

Design	Order no.	PU
polar white glossy	**1480 09**	10

Covers for aerial sockets

New



Centre plate for aerial socket 2-/3hole

- with knock out SAT input

Suitable for Aerial sockets — **Order no.** — **Page** page 154

Design	Order no.	PU
polar white glossy	**1201 70 19**	10
anthracite matt, lacquered	**1201 70 16**	10
Aluminium, aluminium anodised	* **1201 70 13**	10
Stainless steel, metal matt finish	**1201 70 14**	10

New



Central plate for aerial socket 4hole (Ankaro)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with 2 additional SAT outputs (F-sockets)

Suitable for	Order no.	Page
Aerial socket 4hole single box	4594	156

Design		Order no.	PU
polar white glossy		**1484 09**	10
anthracite matt		**1484 16 06**	10
aluminium matt, lacquered	*	**1484 70 03**	10
stainless steel matt, lacquered		**1484 04**	10

New



Central plate for aerial socket 4hole (Hirschmann)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with 2 additional SAT outputs (F-sockets)

Design		Order no.	PU
polar white glossy		**1483 09**	10
anthracite matt		**1483 16 06**	10
aluminium matt, lacquered	*	**1483 70 03**	10
stainless steel matt, lacquered		**1483 04**	10



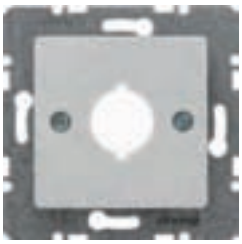
Central plate for broadband modem socket (Wisi)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with additional multimedia output

Design		Order no.	PU
polar white glossy	#	**1439 09**	10
anthracite matt	#	**1439 16 06**	10

Central plates for signalling and command units



Central plate with installation opening Ø 18.8 mm

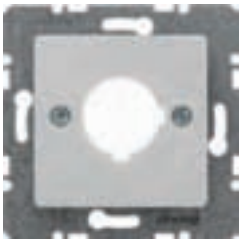
Screw spacing 36 mm

– with cut-out dia. 18.8 mm
– labelling field latchable

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Suitable for	Order no.	Page
optional		
Built-in socket for floating output	4604 ..	671

Design		Order no.	PU
polar white glossy		**1431 09**	10
anthracite matt		**1431 16 06**	10
stainless steel matt, lacquered		**1431 04**	10



Central plate with installation opening Ø 22.5 mm

Screw spacing 36 mm

– with cut-out dia. 22.5 mm
– labelling field latchable

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Installation aperture according to IEC 60947-5-1

Design		Order no.	PU
polar white glossy		**1432 09**	10
anthracite matt		**1432 16 06**	10
stainless steel matt, lacquered		**1432 04**	10

Covers Audio

New

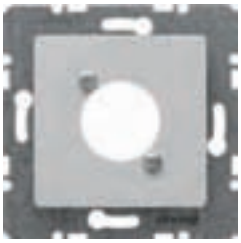


Centre plate for loudspeaker socket outlet

– 1 knock out opening

Suitable for	Order no.	Page
Stereo loudspeaker socket outlet	4505 01	175
Loudspeaker socket outlet High End	4505 02	175
Entry for small connector	4505	176

Design		Order no.	PU
polar white glossy		**1184 70 09**	10
anthracite matt, lacquered		**1184 70 06**	10
Aluminium, aluminium anodised	*	**1184 70 03**	10
Stainless steel, metal matt finish		**1184 70 04**	10



Central plate for XLR D-series connector

Cut-out Ø 23.6 mm
Screw spacing (horizontal/vertical) 19/24 mm

– speakon and jack connector
– labelling field latchable

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Design	Order no.	PU
polar white glossy	**1412 09**	10
anthracite matt	**1412 16 06**	10

Video socket outlets

New



VGA

VGA socket outlet

i 912

Frequency range video max. 160 MHz
Resolution max. 1280 x 1024 px

– with 15pole D-subminiature double jack
– S-VGA compatible
– with 15pole D-subminiature jack (front)

Design		Order no.	PU
with double jack			
polar white glossy		**33 1540 70 09**	10
anthracite matt, lacquered		**33 1540 70 06**	10
aluminium matt, lacquered	*	**33 1540 70 03**	10
stainless steel matt, lacquered		**33 1540 70 04**	10
back side, with screw-in lift terminals			
polar white glossy [1]		**33 1541 70 09**	10
anthracite matt, lacquered [1]		**33 1541 70 06**	10
aluminium matt, lacquered [1]	*	**33 1541 70 03**	10
stainless steel matt, lacquered [1]		**33 1541 70 04**	10

[1] for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²

Multimedia sockets

New



S-Video
CINCH

3 x Cinch/S-Video socket outlet

i 915

Frequency range audio 20 ... 20000 Hz
Frequency range video max. 160 MHz

– gold-plated contacts
– 1 cinch double jack for video connection (yellow)
– 2 cinch double jacks for audio connection (red, white)
– S-Video double jack

Design		Order no.	PU
polar white glossy		**33 1532 70 09**	10
anthracite matt, lacquered		**33 1532 70 06**	10
aluminium matt, lacquered	*	**33 1532 70 03**	10
stainless steel matt, lacquered		**33 1532 70 04**	10

New



High definition socket outlet

915

Transmission rate	max. 8.16 Gbit/s
Resolution	max. 1920 x 1080 px

- gold-plated contacts
- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)

HDMI

Design	Order no.	PU
back side, with straight socket		
polar white glossy	**33 1542 70 09**	10
anthracite matt, lacquered	**33 1542 70 06**	10
aluminium matt, lacquered	* **33 1542 70 03**	10
stainless steel matt, lacquered	**33 1542 70 04**	10
back side, with 90° angle socket		
polar white glossy	**33 1543 70 09**	10
anthracite matt, lacquered	**33 1543 70 06**	10
aluminium matt, lacquered	* **33 1543 70 03**	10
stainless steel matt, lacquered	**33 1543 70 04**	10

New



USB/3.5 mm audio socket outlet

915

USB transmission rate	max. 480 Mbit/s
Frequency range audio	20 ... 20000 Hz

- double jack gold-plated 3.5 mm, stereo
- USB double jack type A, USB 2.0 capable

Design	Order no.	PU
polar white glossy	**33 1539 70 09**	10
anthracite matt, lacquered	**33 1539 70 06**	10
aluminium matt, lacquered	* **33 1539 70 03**	10
stainless steel matt, lacquered	**33 1539 70 04**	10

Consumer electronics

New



Berker Radio Touch

- Loudspeaker

Operating voltage	230 V~
Frequency	50/60 Hz
Frequency range	87.5 ... 108 MHz
Dimensions of display (W x H)	35 x 28 mm
Insertion depth	33 mm
Conductor cross-section	max. 2.5 mm²

- stereo FM radio with RDS display
- operation via sensor areas of the touch display
- illuminated touch graphics display
- time and date display
- with one loudspeaker
- extension unit input for separate on/off switching
- external audio input, e.g. for MP3 player or docking station

Suitable for optional	Order no.	Page
Loudspeaker		page 388
Docking station		page 389

FM

Design	Order no.	PU
polar white glossy	**2880 70 09**	1
aluminium matt, lacquered	* **2880 70 03**	1
stainless steel matt, lacquered	**2880 70 04**	1

New



Loudspeaker

Insertion depth	22.5 mm
Pre-assembled cable	≈ 0.3 m
Conductor cross-section (flexible)	0.75 mm²

- confectioned, with 2-core, double-insulated, flexible cable

Suitable for	Order no.	Page
Berker Radio Touch		page 388
Docking station		page 389

Design	Order no.	PU
polar white glossy	**2882 70 09**	1
aluminium matt, lacquered	* **2882 70 03**	1
stainless steel matt, lacquered	**2882 70 04**	1

New



Docking station

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	max. 3.5 V
Number of loudspeakers (4 Ω)	1
Number of loudspeakers (8 Ω)	2
Number of loudspeakers (20 Ω)	5
Insertion depth	36 mm

- with 30pole plug connector for iPod and iPhone*
- buttons for volume control
- AUX input mini stereo jack for audio source (line or headphones output), e.g. MP3 player
- stereo Line-Out for connection to the radio touch

Suitable for	Order no.	Page
Berker Radio Touch		page 388
Loudspeaker		page 388

* iPod and iPhone are registered trademarks of Apple Inc.

Design		Order no.	PU
polar white glossy		**2883 70 09**	1
aluminium matt, lacquered	*	**2883 70 03**	1
stainless steel matt, lacquered		**2883 70 04**	1

Covers for pilot lamps

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

New



Centre plate for push-button/pilot lamp E10

Cut-out Ø 27.2 mm

- centre plate for plug-in fixing

Suitable for	Order no.	Page
Covers and push-buttons		page 71
LED lamp E10		page 70
Neon lamp E10		page 71
Push-button/pilot lamp E10, NO contact	5101 ..	63

Design		Order no.	PU
polar white glossy		**1165 70 09**	10
anthracite matt, lacquered		**1165 70 06**	10
aluminium matt, lacquered	*	**1165 70 03**	10
stainless steel matt, lacquered		**1165 70 04**	10

New



Centre plate for pilot lamp E14

Suitable for	Order no.	Page
Covers and push-buttons		page 71
LED lamp E14		page 71
Incandescent lamp E14		page 71
Pilot lamp E14	5131 02	65
optional		
Sealing set for socket outlets/centre plates	1010 72 00	336

Design		Order no.	PU
polar white glossy		**1167 70 09**	10
anthracite matt, lacquered		**1167 70 06**	10
aluminium matt, lacquered	*	**1167 70 03**	10
stainless steel matt, lacquered		**1167 70 04**	10

New



Cover for LED orientation/signal light

- with printed label sheets “Bitte warten/Bitte eintreten” and “Do not disturb/make up room”
- with milky foil, for individual labelling

Suitable for	Order no.	Page
LED signal light	2952	66
LED orientation light	2951	66

Design		Order no.	PU
polar white glossy		**1248 70 09**	1
anthracite matt, lacquered		**1248 70 06**	1
aluminium matt, lacquered	*	**1248 70 03**	1
stainless steel matt, lacquered		**1248 70 04**	1

New



Cover for info pilot lamp

i 878

Current consumption	25 mA
Power, LED	800 mW
Service life of the LED	≈ 25000 h

Printed labels supplied: “Nicht eintreten”, “Besetzt”, “Bitte eintreten”, “Bitte Ruhe”, “Bitte warten”.

- with clear cover plate
- with 4 light intensive LEDs
- very long LED lifetime

Suitable for	Order no.	Page
Cover plate for info pilot lamp	1289 ..	72
Info pilot lamp	2949	66

Design	Order no.	PU
polar white glossy	**1345 70 09**	1
anthracite matt, lacquered	**1345 70 06**	1
aluminium matt, lacquered	* **1345 70 03**	1
stainless steel matt, lacquered	**1345 70 04**	1

Supplementary products

Sealings IP44

- For installation information on sealing sets, see FLUSH-MOUNTED WET ROOM INSTALLATION.



Sealing set for socket outlets/centre plates

Suitable for	Order no.	Page
Centre plates for rotary dimmers		page 373
Centre plates for rotary switches for blinds		page 376
Centre plates for air conditioner/fan controllers		page 382
Blind plates		page 391
Frame		page 400
Centre plate for pilot lamp E14	1167 7 ..	65
SCHUKO socket outlet with hinged cover	4751 7 ..	361
SCHUKO socket outlet with hinged cover	4752 7 ..	362

Design	Order no.	PU
transparent	**1010 72 00**	1



Sealing set for switches/push-buttons

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- with IP44 fixing piece to screw on

Suitable for	Order no.	Page
Rockers		page 369
Rockers for multi-pole rocker switches		page 370
Rockers - barrier-free construction		page 393
Frame		page 400
Rocker with imprinted arrows symbol	1405 71 ..	761
Rocker with imprint “Heizung Notschalter”	1488 71 15	144

Design	Order no.	PU
transparent	**1010 71 00**	1



Sealing set for key switch/key push-button

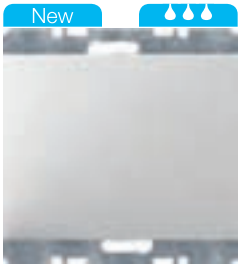
Suitable for	Order no.	Page
Frame		page 400
Centre plate for key push-button for blinds/ key switch	1504 71 ..	119
Centre plate for key switch/key push-button	1505 70 ..	34

Design	Order no.	PU
transparent	**1010 70 00**	1

Blind plates

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

New



Blind plug with centre plate

– on supporting plate without cut-out

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	336

Design	Order no.	PU
without spreader claws		
polar white glossy	**1045 70 09**	20
anthracite matt, lacquered	**1045 70 06**	20
Aluminium, aluminium anodised	* **1045 70 03**	20
Stainless steel, metal matt finish	**1045 70 04**	20
with base and spreader claws		
polar white glossy	**67 1045 70 09**	10
anthracite matt, lacquered	**67 1045 70 06**	10
Aluminium, aluminium anodised	* **67 1045 70 03**	10
Stainless steel, metal matt finish	**67 1045 70 04**	10



Blind plug with centre plate, screw-on

– on supporting plate with large cut-out
– with cover plug for screw fitting
– without spreader claws
– for customised cut-outs or holes when installing special solutions
– space-saving for relays, etc.

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	336

Design	Order no.	PU
polar white glossy	**1045 71 09**	20
anthracite matt, lacquered	**1045 71 06**	20

New



Centre plate for cable outlet

Suitable for	Order no.	Page
Cable outlet with low installation depth	4468	171
Cable outlet	4470	170

Design	Order no.	PU
polar white glossy	**1005 70 09**	10
anthracite matt, lacquered	**1005 70 06**	10
aluminium matt, lacquered	* **1005 70 03**	10
stainless steel matt, lacquered	**1005 70 04**	10

Intermediate rings

New



Adapter ring for centre plate 50 x 50 mm

Caution!
Not suitable for Berker central plates.
For centre plate as per according to DIN 49075

– for other centre plates with external size 50 x 50 mm

Design	Order no.	PU
polar white glossy	**1108 71 09**	10
anthracite matt, lacquered	**1108 71 06**	10
aluminium matt, lacquered	* **1108 71 03**	10
stainless steel matt, lacquered	**1108 71 04**	10

New



Intermediate ring for central plate

– labelling field latchable

Suitable for optional	Order no.	Page
Labelling field for intermediate ring	1905 00 69	226

Design	Order no.	PU
polar white glossy	**1108 70 09**	10
anthracite matt, lacquered	**1108 70 06**	10
aluminium matt, lacquered	* **1108 70 03**	10
stainless steel matt, lacquered	**1108 70 04**	10

New



Labelling field for intermediate ring

Labelling field height arranged for P-touch strips 6 mm.

Suitable for	Order no.	Page
Intermediate ring for central plate	1108 ..	443
Intermediate ring for central plate	1109 ..	291

Design	Order no.	PU
polar white glossy	**1905 00 69**	10
aluminium matt, lacquered	* **1905 70 03**	10
stainless steel matt, lacquered	**1905 70 04**	10

New



Intermediate ring with hinged cover

Labelling field height arranged for P-touch strips 6 mm.

– when opening hinged cover, it can be arrested in end position
– with imprint
– for other centre plates with external size 50 x 50 mm

Design	Order no.	PU
polar white glossy [1]	**1154 71 09**	10
anthracite matt, lacquered [1]	**1154 71 06**	10
Aluminium aluminium anodised [1]	* **1154 71 03**	10
Stainless steel/metal matt finish [1]	**1154 71 04**	10

[1]

Hotel applications

Centre plates for hotel card switches

New



Centre plate with imprint for push-button for hotel card

- Red lens

– for push-button for hotel card

Suitable for	Order no.	Page
Push-button for hotel card		page 76

Card width max. 54 mm
Card thickness 0.5 ... 1.4 mm

Other imprint on request!

Design	Order no.	PU
polar white glossy	**1641 71 09**	10
anthracite matt, lacquered	**1641 71 06**	10
aluminium matt, lacquered	* **1641 71 03**	10
stainless steel matt, lacquered	**1641 71 04**	10

Barrier-free construction

The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

SCHUKO socket outlets



SCHUKO socket outlet with hinged cover for barrier-free construction

i 853

- Tactile symbol
- enhanced contact protection

Rated voltage	250 V~
Rated current	16 A

Connection terminals according to IEC 60884-1
Barrier-free building based on based on DIN 18025

- when opening hinged cover, it can be arrested in end position
- for barrier-free construction
- with plug-in terminals

Design	Order no.	PU
polar white glossy	**4786 71 09**	10

Rockers - barrier-free construction

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



Rocker for barrier-free construction

- Guide for mouth rod
- Lens

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.
Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.
Barrier-free building based on based on DIN 18025

- for illumination and monitoring circuit
- for change-over/intermediate switch
- for rocker push-buttons
- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- for barrier-free construction

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design	Order no.	PU
polar white glossy	**1661 71 09**	10



Rocker for barrier-free construction

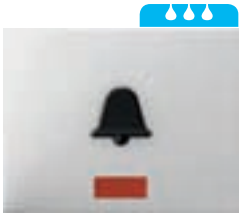
- Tactile light symbol
- Red lens

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.
Not suitable for rocker push-button switches.
Barrier-free building based on based on DIN 18025

- for illumination and monitoring circuit
- for change-over/intermediate switch
- for rocker push-buttons
- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- for barrier-free construction

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design	Order no.	PU
polar white glossy	**1651 71 09**	10



Rocker for barrier-free construction

- Tactile bell symbol
- Red lens

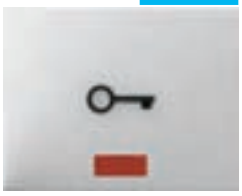
The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

Barrier-free building based on based on DIN 18025

- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang
- for barrier-free construction

Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design	Order no.	PU
polar white glossy	**1651 72 09**	10



Rocker for barrier-free construction

- Tactile symbol for door opener
- Red lens

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

Barrier-free building based on based on DIN 18025

- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang
- for barrier-free construction

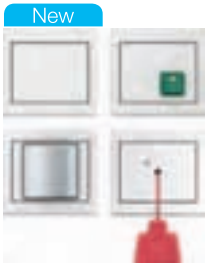
Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	337

Design	Order no.	PU
polar white glossy	**1651 73 09**	10

Hospital installation

Emergency system

New



Emergency call set with frame

Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

Set consisting of:
- Pullcord with frame, order no. 5202..
- Pilot lamp with frame, order no. 5203..
- Shut-off push-button with frame, order no. 5201..
- Power supply with frame, order no. 5204..

For installation in standard wall boxes according to according to DIN 49073-1

The emergency call set is used to call for help in public or disabled WCs, doctors' surgeries and old people's homes. It corresponds to the safety requirements according to DIN VDE 0834

- acoustic and visual signalling of an emergency call using pilot lamp after the pullcord push-button has been actuated
- switch-off of emergency call using shut-off push-button at emergency location
- power supply via power supply unit with 24 V AC
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- centre plates for plug-in fixing
- monitoring of devices triggering calls for wire break
- with screw terminals

Suitable for	Order no.	Page
optional		
Cancellation/presence button with frame	5205 70 09	395
Call button with frame	5206 70 09	394
Pull button with frame	5202 70 09	395
Light signal with frame	5203 70 09	395
Cancellation button with frame	5201 70 09	395
Mains adapter with frame	5204 70 09	395

Design	Order no.	PU
polar white glossy	* **5200 70 09**	1

New



Call button with frame

Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

Additional call push-button to, for example, provide a control section in a second room or an additional location to trigger an emergency call.

For installation in standard wall boxes according to according to DIN 49073-1

- as expansion for the emergency call set
- with quiet lamp
- with red call button with lens
- centre plate for plug-in fixing
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 70 09	394

Design	Order no.	PU
polar white glossy	* **5206 70 09**	1

New



Cancellation/presence button with frame

Operating voltage	24 V=
Operating temperature	-5 ... +40 °C
Cable length to light signal	max. 500 m

Office unit, in order to, for example, indicate an emergency call in an office or a headquarters.

For installation in standard wall boxes according to according to DIN 49073-1

- as expansion for the emergency call set
- with yellow shut-off button
- with green presence button
- with visual and acoustic alarm encoder
- centre plate for plug-in fixing
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 70 09	394

Design	Order no.	PU
polar white glossy	* **5205 70 09**	1

New



Pull button with frame

Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

To trigger an emergency call in emergency situations.

For installation in standard wall boxes according to according to DIN 49073-1

- with quiet lamp
- centre plate for plug-in fixing
- for wall and ceiling mounting
- with pullcord and knob
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 70 09	394

Design	Order no.	PU
polar white glossy	* **5202 70 09**	1

New



Cancellation button with frame

Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

To switch off the alarm signal (pilot lamp) on arrival at the emergency location.

For installation in standard wall boxes according to according to DIN 49073-1

- with green shut-off button
- centre plate for plug-in fixing
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 70 09	394

Design	Order no.	PU
polar white glossy	* **5201 70 09**	1

New



Light signal with frame

Operating voltage	24 V=
Operating temperature	-5 ... +40 °C

For visual and acoustic alarms in emergency situations.
Caution:
Always install the device in a clearly visible location.

Recommendation: use deep box.

For installation in standard wall boxes according to according to DIN 49073-1

- with 4 red LEDs
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- with potential-free relay contact for call tone forwarding, e.g. to telephone dialler
- call tone received on voltage failure and return
- centre plate for plug-in fixing
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 70 09	394

Design	Order no.	PU
polar white glossy	* **5203 70 09**	1

New



Mains adapter with frame

Operating voltage	24 V
Frequency	50 ... 60 Hz
Input voltage	100 ... 240 V~
Input current	max. 180 mA
Output current	max. 250 mA
Operating temperature	-5 ... +40 °C

For the power supply of the emergency call system components with 24 V DC.

Recommendation: use deep box.

For installation in standard wall boxes according to according to DIN 49073-1

- centre plate for plug-in fixing
- with screw terminals

Suitable for	Order no.	Page
Emergency call set with frame	5200 70 09	394

Design	Order no.	PU
polar white glossy	* **5204 70 09**	1

Central plates for hospital installation



Central plate for socket outlet for floating output

Caution!
Use only with intermediate ring for central plate from the corresponding range.
For double pole socket outlet for floating output according to DIN 42801

– with imprint

Suitable for	Order no.	Page
Socket outlet for floating output	1061	670

Design	Order no.	PU
polar white glossy	**1403 09**	10
anthracite matt	**1403 16 06**	10



Central plate for 6pole socket outlet

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90 / clino phon 95	71008C
clino opt 99	71008C3
6pole socket outlets	
Hirschmann: Medu 600 GSK	

Design	Order no.	PU
polar white glossy	**1474 09**	10
anthracite matt	**1474 16 06**	10
stainless steel matt, lacquered	**1474 04**	10

Centre plates for Ackermann inserts



Centre plate for nurse call system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	72642C 72639A 71197A 72642B

Design	Order no.	PU
polar white glossy	**1204 70 09**	10



Centre plate with plug-in opening for nurse call systems

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73070A

Design	Order no.	PU
polar white glossy	**1298 70 09**	10



Centre plate for dropping plug-and-socket connector

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing
– a-coded for dropping plug-and-socket connector

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	74189A

Design	Order no.	PU
polar white glossy	**1305 70 09**	10



Centre plate with 2 plug-in openings and imprint, for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call unit with 2 diagnostic plug-in contacts
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73075C 73020G 73021G 73075D

Design	Order no.	PU
polar white glossy	**1244 71 09**	10



Centre plate with plug-in opening, red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and monitored auxiliary plug-in contact
- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73071E 73071E2 73075A 73073E

Design	Order no.	PU
polar white glossy	**1217 70 09**	10



Centre plate with 2 plug-in openings, imprint and red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint
- for call module with call push-button and plug-in contacts
- for call push-button with diagnostic and auxiliary plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73071D 73071D2 73075B 73073D

Design	Order no.	PU
polar white glossy	**1218 71 09**	10



Centre plate with red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73071F 73071F2 73073F

Design	Order no.	PU
polar white glossy	**1216 70 09**	10



Centre plate with red button at bottom

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

Design	Order no.	PU
polar white glossy	**1219 70 09**	10



Centre plate with green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642C

Design	Order no.	PU
polar white glossy	**1251 70 09**	10



Centre plate with yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642D

Design	Order no.	PU
polar white glossy	**1252 70 09**	10



Centre plate with blue button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint
- for call push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

Design	Order no.	PU
polar white glossy	**1223 71 09**	10



Centre plate with red + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button and shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642B2

Design	Order no.	PU
polar white glossy	**1249 70 09**	10



Centre plate with green + yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642E

Design	Order no.	PU
polar white glossy	**1253 70 09**	10



Centre plate with white + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint “SU-AUS WARTEN”
- buttons with lens
- centre plate for plug-in fixing
- for office unit

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642B

Design	Order no.	PU
polar white glossy	**1299 71 09**	10



Centre plate for pneumatic call switch

- Lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70006A 70006B
clino opt 99	70006C

Design	Order no.	PU
polar white glossy	**1236 70 09**	10



Centre plate for pullcord push-button

- Lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for pullcord push-button with pullcord and knob
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70045A3 70046A3 70046A

Design	Order no.	PU
polar white glossy	**1233 70 09**	10



Centre plate with imprinted symbol curve for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for earpiece and volume control

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120C 73120H

Design	Order no.	PU
polar white glossy	**1300 71 09**	10



Centre plate with imprint “0 - 1 - 2 - 3 - 4 - 5” for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120A

Design	Order no.	PU
polar white glossy	**1301 71 09**	10

Frames

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Frame ℹ 917

– for vertical and horizontal mounting

Suitable for optional	Order no.	Page
Sealings IP44		page 390

Design	Order no.	PU
polar white glossy, 1gang	**1313 70 09**	10
polar white glossy, 2gang vertical	**1323 70 09**	2
polar white glossy, 3gang vertical	**1333 70 09**	2
polar white glossy, 4gang vertical	**1343 70 09**	2
polar white glossy, 5gang vertical	**1353 70 09**	2
polar white glossy, 2gang horizontal	**1363 70 09**	2
polar white glossy, 3gang horizontal	**1373 70 09**	2
polar white glossy, 4gang horizontal	**1383 70 09**	2
polar white glossy, 5gang horizontal	**1393 70 09**	2



Frame ℹ 917

– for vertical and horizontal mounting

Suitable for optional	Order no.	Page
Sealings IP44		page 390

Design	Order no.	PU
anthracite matt, lacquered, 1gang	**1313 70 06**	10
anthracite matt, lacquered, 2gang vertical	**1323 70 06**	10
anthracite matt, lacquered, 3gang vertical	**1333 70 06**	2
anthracite matt, lacquered, 4gang vertical	**1343 70 06**	2
anthracite matt, lacquered, 5gang vertical	**1353 70 06**	2
anthracite matt, lacquered, 2gang horizontal	**1363 70 06**	10
anthracite matt, lacquered, 3gang horizontal	**1373 70 06**	2
anthracite matt, lacquered, 4gang horizontal	**1383 70 06**	2
anthracite matt, lacquered, 5gang horizontal	**1393 70 06**	2

New



Frame ℹ 917

Support plate thickness max. 2 mm

– for vertical and horizontal mounting

Suitable for optional	Order no.	Page
Sealings IP44		page 390

Design	Order no.	PU
Aluminium, aluminium anodised, 1gang	* **1313 70 03**	10
Aluminium, aluminium anodised, 2gang vertical	* **1323 70 03**	2
Aluminium, aluminium anodised, 3gang vertical	* **1333 70 03**	2
Aluminium, aluminium anodised, 4gang vertical	* **1343 70 03**	2
Aluminium, aluminium anodised, 5gang vertical	* **1353 70 03**	2
Aluminium, aluminium anodised, 2gang horizontal	* **1363 70 03**	2
Aluminium, aluminium anodised, 3gang horizontal	* **1373 70 03**	2
Aluminium, aluminium anodised, 4gang horizontal	* **1383 70 03**	2
Aluminium, aluminium anodised, 5gang horizontal	* **1393 70 03**	2



Frame

i 917

– for vertical and horizontal mounting

Suitable for optional	Order no.	Page
Sealings IP44		page 390

Design	Order no.	PU
Stainless steel, metal matt finish, 1gang	**1313 70 04**	10
Stainless steel, metal matt finish, 2gang vertical	**1323 70 04**	2
Stainless steel, metal matt finish, 3gang vertical	**1333 70 04**	2
Stainless steel, metal matt finish, 4gang vertical	**1343 70 04**	2
Stainless steel, metal matt finish, 5gang vertical	**1353 70 04**	2
Stainless steel, metal matt finish, 2gang horizontal	**1363 70 04**	2
Stainless steel, metal matt finish, 3gang horizontal	**1373 70 04**	2
Stainless steel, metal matt finish, 4gang horizontal	**1383 70 04**	2
Stainless steel, metal matt finish, 5gang horizontal	**1393 70 04**	2

Frame with large cut-out



Frame with large cut-out

Not suitable for surface-mounted housing.

– for vertical mounting

Suitable for	Order no.	Page
Push-button 4gang	7516 43 70	680
Push-button 4gang comfort	7516 47 70	741
Push-button 4gang for light scenes	7516 88 70	743
Push-button 3gang with thermostat	7566 37 70	744
Push-button 5gang with thermostat	7566 57 70	745

Design	Order no.	PU
polar white glossy	**1309 70 09**	1



Frame with large cut-out

Not suitable for surface-mounted housing.

– for vertical mounting

Suitable for	Order no.	Page
Push-button 4gang	7516 43 75	680
Push-button 4gang comfort	7516 47 75	741
Push-button 4gang for light scenes	7516 88 75	743
Push-button 3gang with thermostat	7566 37 75	744
Push-button 5gang with thermostat	7566 57 75	745

Design	Order no.	PU
anthracite matt, lacquered	**1309 70 06**	1

New



Frame with large cut-out

Not suitable for surface-mounted housing.

– for vertical mounting

Suitable for	Order no.	Page
Push-button 4gang	7516 43 74	680
Push-button 4gang comfort	7516 47 74	741
Push-button 4gang for light scenes	7516 88 74	743
Push-button 3gang with thermostat	7566 37 74	744
Push-button 5gang with thermostat	7566 57 74	745

Design	Order no.	PU
Aluminium, aluminium anodised	* **1309 70 03**	1



Frame with large cut-out

Not suitable for surface-mounted housing.

– for vertical mounting

Suitable for	Order no.	Page
Push-button 4gang	7516 43 73	680
Push-button 4gang comfort	7516 47 73	741
Push-button 4gang for light scenes	7516 88 73	743
Push-button 3gang with thermostat	7566 37 73	744
Push-button 5gang with thermostat	7566 57 73	745

Design	Order no.	PU
Stainless steel, metal matt finish	**1309 70 04**	1

Surface-mounted housings

New



Housing surface-mounted

Insertion depth 36 mm

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

- entry at top and bottom possible
- with cable and duct entry
- for mounting on combustible base surface

Suitable for optional Entries/connectors — page 662

Design		Order no.	PU
polar white glossy, 1gang		**1041 70 09**	10
polar white glossy, 2gang vertical		**1042 70 09**	5
polar white glossy, 3gang vertical		**1043 70 09**	5
polar white glossy, 2gang horizontal		**1052 70 09**	5
polar white glossy, 3gang horizontal		**1053 70 09**	5
anthracite matt, lacquered, 1gang		**1041 70 06**	10
anthracite matt, lacquered, 2gang vertical		**1042 70 06**	5
anthracite matt, lacquered, 3gang vertical		**1043 70 06**	5
anthracite matt, lacquered, 2gang horizontal		**1052 70 06**	5
anthracite matt, lacquered, 3gang horizontal		**1053 70 06**	5
aluminium matt, lacquered, 1gang	*	**1041 70 03**	10
aluminium matt, lacquered, 2gang vertical	*	**1042 70 03**	5
aluminium matt, lacquered, 3gang vertical	*	**1043 70 03**	5
aluminium matt, lacquered, 2gang horizontal	*	**1052 70 03**	5
aluminium matt, lacquered, 3gang horizontal	*	**1053 70 03**	5
stainless steel matt, lacquered, 1gang		**1041 70 04**	10
stainless steel matt, lacquered, 2gang vertical		**1042 70 04**	5
stainless steel matt, lacquered, 3gang vertical		**1043 70 04**	5
stainless steel matt, lacquered, 2gang horizontal		**1052 70 04**	5
stainless steel matt, lacquered, 3gang horizontal		**1053 70 04**	5

Berker Arsys

Berker R.1 / R.3

Berker R.1 / R.3

Serie 1930 / Serie Glas / Serie Palazzo / Serie R.classic

Serie 1930 / Serie Glas / Serie Palazzo / Serie R.classic

Berker B.IQ

Berker TS

Berker Integro Flow

Berker Manufacture

Flush-mounted wet-room installation

Surface-mounted wet-room installation

Socket outlets, Covers, Central inserts, Frames 406 

Socket outlets, Covers, Central inserts 456 

Frames 476 

Socket outlets, Covers, Toggles, Central inserts 488 

Frames 510 

Push-buttons (with thermostats),
IR push-buttons with thermostat 526 

Cover plates, Push-buttons, TS Crystal Ball, TS Sensor 538 

Sockets, covers,central inserts, frames 556 

580 

Seals for flush-mounted systems,
Covers K.1/K.5/Q.1/Q.3/R.1/R.3, Arsys IP44, Wg-UP IP44 586 

Aquatec IP44, Die-cast IP44, ISO-Panzer IP44/IP66 614 

Berker Arsys

Each property is different. Each interior is individual. And the switch concept should be just as unique. Thanks to its wide range of available materials and surfaces, Berker Arsys can fit into almost any ambience. And still remains true to itself.

- Easy hygienic cleaning of the surface
- Very flat, elegant design through perfectly-matched radii of frames, rocker switch edges and the rocker switch surface
- Available surfaces: white, polar white, brown, metal gold, metal light bronze, stainless steel



Frames / Covers / Central inserts

Plastic, glossy

white	similar to RAL 1013
polar white	similar to RAL 9010
brown	similar to RAL 8011
red	similar to RAL 3003
green	similar to RAL 6029
orange	similar to RAL 2003
yellow	similar to RAL 1004

Metal, matt finish
aluminium light bronze lacquered
aluminium gold anodised
stainless steel
copper, metal alloy

Individual articles, which, for technical reasons cannot be coated are lacquered.

Schuko socket outlets	408
International socket outlet systems	414
Covers for switches/push-buttons	418
Timers	422
Covers for dimmers	424
BLC – Berker Light Control	424
Covers for blind switches/push-buttons	426
RolloTec	428
HAVAC controllers and covers	430
Communication/multimedia technology	433
Consumer electronics	439
Covers for pilot lamps	440
Supplementary products	441
Hotel applications	445
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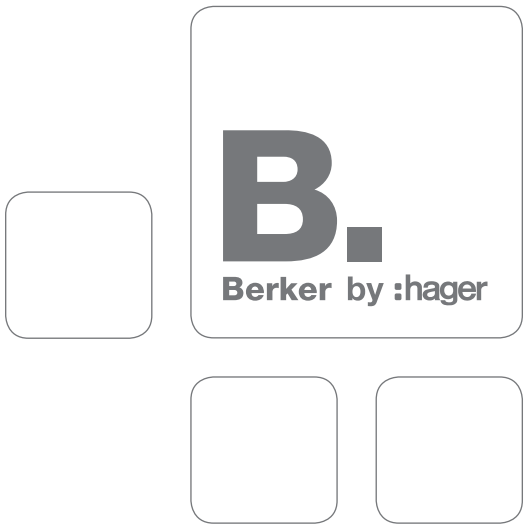
Frames	451
Surface-mounted frames	453
Frames	454



SCHUKO socket outlets

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1



SCHUKO socket outlet

i 853

Rated voltage 250 V~
Rated current 16 A

- with plug-in terminals

Design	Order no.	PU
white glossy	**4715 00 02**	10
polar white glossy	**4715 00 69**	10
brown glossy	**4715 00 01**	10
light bronze matt, aluminium lacquered	**4714 00 01**	10
Stainless steel, metal matt finish	**4714 00 04**	10
gold matt, aluminium anodised	**4714 00 02**	10



SCHUKO socket outlet

i 853

- enhanced contact protection

- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white glossy	**4735 00 02**	10
polar white glossy	**4735 00 69**	10
brown glossy	**4735 00 01**	10
light bronze matt, aluminium lacquered	**4734 00 01**	10
Stainless steel, metal matt finish	**4734 00 04**	10
gold matt, aluminium anodised	**4734 00 02**	10



SCHUKO socket outlet

i 853

- Screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white glossy	**4115 00 02**	10
polar white glossy	**4115 00 69**	10
brown glossy	**4115 00 01**	10
light bronze matt, aluminium lacquered	**4114 00 01**	10
Stainless steel, metal matt finish	**4114 00 04**	10



SCHUKO socket outlet i 853

- enhanced contact protection
- Screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
brown glossy	**4135 00 01**	10
white glossy	**4135 00 02**	10
polar white glossy	**4135 00 69**	10
light bronze matt, aluminium lacquered	**4134 00 01**	10
Stainless steel, metal matt finish	**4134 00 04**	10
gold matt, aluminium anodised	**4134 00 02**	10



SCHUKO socket outlet 45° i 853

Rated voltage 250 V~
Rated current 16 A

- for diagonal installation
- with plug-in terminals

Specially suited to combinations of several socket outlets if right angle plugs are used.

Design	Order no.	PU
white glossy	**4728 00 02**	10
polar white glossy	**4728 00 69**	10
brown glossy	**4728 00 01**	10



SCHUKO socket outlet i 853

- Labelling field

- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	**4739 00 02**	10
polar white glossy	**4739 00 69**	10
brown glossy	**4739 00 01**	10
stainless steel matt, lacquered	**4739 90 04**	10



SCHUKO socket outlet

- Labelling field

- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
green glossy	**4739 00 63**	10



SCHUKO socket outlet

- Labelling field
- enhanced contact protection

– with plug-in terminals

i 853

Rated voltage	250 V~
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	**4738 00 02**	10
polar white glossy	**4738 00 69**	10
brown glossy	**4738 00 01**	10





SCHUKO socket outlet

- Labelling field
- enhanced contact protection

– with plug-in terminals



Rated voltage	250 V~
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.



Design	Order no.	PU
green glossy	**4738 00 63**	10

New

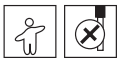


SCHUKO socket outlet with LED orientation light

- enhanced contact protection
- Screw-in lift terminals

i 853

– additional benefit by combination of a socket outlet with an orientation light
– integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
– through-wiring possible, therefore also ideal for retrofitting
– long service life of the LED
– white LED light



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Conductor cross-section (rigid)	max. 2.5 mm²

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

Design	Order no.	PU
white glossy	* **4109 00 02**	10
polar white glossy	* **4109 00 69**	10
light bronze, lacquered	* **4109 90 11**	10
stainless steel, lacquered	* **4109 90 04**	10





SCHUKO socket outlet with control LED

i 853

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

– with screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	**4110 00 02**	10
polar white glossy	**4110 00 69**	10



Double SCHUKO socket outlet with frame

i 853

– with plug-in terminals

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

For installation in 1gang wall boxes according to according to DIN 49073-1

Design	Order no.	PU
white glossy	**4753 00 02**	10
polar white glossy	**4753 00 69**	10
brown glossy	**4753 00 01**	10



Double SCHUKO socket outlet with frame

i 853

- enhanced contact protection

– with plug-in terminals

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

For installation in 1gang wall boxes according to according to DIN 49073-1

Design	Order no.	PU
white glossy	**4729 00 02**	10
polar white glossy	**4729 00 69**	10
brown glossy	**4729 00 01**	10
light bronze matt, lacquered	**4729 90 11**	10
stainless steel matt, lacquered	**4729 90 04**	10

SCHUKO socket outlets with hinged cover



SCHUKO socket outlet with hinged cover

i 853

- enhanced contact protection
- Installation position variable in 45° steps

– when opening hinged cover, it can be arrested in end position
– with imprint
– with plug-in terminals

Rated voltage	250 V~
Rated current	16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

Design	Order no.	PU
white glossy	**4747 00 02**	10
polar white glossy	**4747 00 69**	10
brown glossy	**4747 00 01**	10
light bronze matt, aluminium lacquered	**4757 00 01**	10
Stainless steel, metal matt finish	**4757 00 04**	10
gold matt, aluminium anodised	**4757 00 02**	10



SCHUKO socket outlet with hinged cover

- Labelling field
- enhanced contact protection
- Installation position variable in 45° steps

Rated voltage 250 V~
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

Labelling field height designed for 6 mm P-touch strips.

i 853

- when opening hinged cover, it can be arrested in end position
- with imprint
- with plug-in terminals

Design	Order no.	PU
white glossy	**4748 00 02**	10
polar white glossy	**4748 00 69**	10
brown glossy	**4748 00 01**	10
light bronze matt, aluminium lacquered	**4758 00 01**	10
Stainless steel, metal matt finish	**4758 00 04**	10
gold matt, aluminium anodised	**4758 00 02**	10



SCHUKO socket outlet with hinged cover

Rated voltage 250 V~
Rated current 16 A

Degree of protection IP44 is provided only with sealing set order no. 1010 00.

i 853

- with imprint
- with plug-in terminals

Suitable for	Order no.	Page
Sealing set for Arsys IP44 devices	1010 00	441

Design	Order no.	PU
Stainless steel, metal matt finish	**4758 10 04**	10



SCHUKO socket outlet with hinged cover

- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A

Degree of protection IP44 is provided only with sealing set order no. 1010 00.

i 853

- with imprint
- with plug-in terminals

Suitable for	Order no.	Page
Sealing set for Arsys IP44 devices	1010 00	441

Design	Order no.	PU
Stainless steel, metal matt finish	**4758 30 04**	10



SCHUKO socket outlet with hinged cover

- Labelling field

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.
Degree of protection IP44 is provided only with sealing set order no. 1010 00.

i 853

- with imprint
- with plug-in terminals

Suitable for	Order no.	Page
Sealing set for Arsys IP44 devices	1010 00	441

Design	Order no.	PU
Stainless steel, metal matt finish	**4758 20 04**	10

SCHUKO socket outlets with safety device



SCHUKO socket outlet with overvoltage protection

i 882

- Labelling field
- Screw terminals

– with imprint
– with indicator LED for “on/error”
– with acoustic fault signal

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A

Labelling field height arranged for P-touch strips 6 mm.
Overvoltage protection to according to EN 61643 and VDE 0675-6-11

Design	Order no.	PU
white glossy	**4152 00 02**	1
polar white glossy	**4152 00 69**	1
brown glossy	**4152 00 01**	1
stainless steel matt, lacquered	**4152 90 04**	1

SCHUKO socket outlets for special applications



SCHUKO socket outlet

i 853

Rated voltage	250 V~
Rated current	16 A

– with plug-in terminals

Insert colour-coded.

Design	Order no.	PU
red glossy	**4715 00 62**	10



SCHUKO socket outlet with imprint

i 853

Rated voltage	250 V~
Rated current	16 A

– with plug-in terminals

Insert colour-coded.

Labelling field height designed for 6 mm P-touch strips.

Design	Order no.	PU
red glossy, Imprint “EDV”	**4715 00 82**	10
green glossy, Imprint “SV”	**4715 00 73**	10
orange glossy, Imprint “ZSV”	**4715 00 77**	10



SCHUKO socket outlet with control LED and imprint

i 853

- Labelling field
- enhanced contact protection
- Screw-in lift terminals

– with screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A

Insert colour-coded.
Labelling field height arranged for P-touch strips 6 mm.
Execution SV, ZSV to according to VDE 0100-710

Design	Order no.	PU
red glossy, Imprint “EDV”	**4110 00 82**	10
green glossy, Imprint “SV”	**4110 00 73**	10
orange glossy, Imprint “ZSV”	**4110 00 77**	10

International socket outlet systems

- Connection terminals according to IEC 60884-1
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1

Socket outlets without earthing contact



Socket outlet without earthing contact

- Screw terminals

- without spreader claws
- 2pole
- with screw terminals

i 853

Rated voltage	250 V~
Rated current	16 A
Mirror depth	8 mm

Design	Order no.	PU
white glossy	**61 6115 00 02**	10
polar white glossy	**61 6115 00 69**	10
brown glossy	**61 6115 00 01**	10
light bronze matt, aluminium lacquered	**61 6114 00 01**	10
Stainless steel, metal matt finish	**61 6114 00 04**	10



Socket outlet without earthing contact EURO-AMERICAN STANDARD

- Screw terminals

- 2pole
- with screw terminals

Rated voltage	125 V~
Rated current	15 A

Only for Asia.

Design	Order no.	PU
white glossy	**4170 00 02**	10
polar white glossy	**4170 00 69**	10
brown glossy	**4170 00 01**	10
light bronze matt, aluminium lacquered	**4174 00 01**	10
Stainless steel, metal matt finish	**4174 00 04**	10



Socket outlet without earthing contact

- enhanced contact protection
- Screw terminals

- without spreader claws
- 2pole
- with screw terminals

i 853

Rated voltage	250 V~
Rated current	16 A
Mirror depth	8 mm

Design	Order no.	PU
white glossy	**61 6115 01 02**	10
polar white glossy	**61 6115 01 69**	10
brown glossy	**61 6115 01 01**	10
light bronze matt, aluminium lacquered	**61 6114 01 01**	10
Stainless steel, metal matt finish	**61 6114 01 04**	10

Socket outlets with earthing pin



Socket outlet with earthing pin

i 853

- enhanced contact protection

– 2pole + earth
– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white glossy	**67 6875 00 02**	10
polar white glossy	**67 6875 00 69**	10
brown glossy	**67 6875 00 01**	1
light bronze matt, aluminium lacquered	**67 6874 00 01**	10
Stainless steel, metal matt finish	**67 6874 00 04**	10



Socket outlet with earthing pin

i 853

- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white glossy	**67 6575 00 02**	10
polar white glossy	**67 6575 00 69**	10
brown glossy	**67 6575 00 01**	10
light bronze matt, aluminium lacquered	**67 6574 00 01**	10
Stainless steel, metal matt finish	**67 6574 00 04**	10



Socket outlet with earthing pin and LED orientation light

i 853

- enhanced contact protection
- Screw-in lift terminals

– additional benefit by combination of a socket outlet with an orientation light
– 2pole + earth
– integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
– through-wiring possible, therefore also ideal for retrofitting
– long service life of the LED
– white LED light
– with screw-in lift terminals

Rated voltage 250 V~
Frequency 50/60 Hz
Rated current 16 A
Power consumption 0,25 W/0,35 VA
Switch-off brightness ca. 4 lx
Light intensity (white) 0.2 cd
Switch-on brightness ca. 2 lx
Conductor cross-section (rigid) max. 2.5 mm²

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

Design	Order no.	PU
white glossy	**67 6510 00 02**	10
polar white glossy	**67 6510 00 69**	10
light bronze, lacquered	**67 6510 90 11**	10
stainless steel, lacquered	**67 6510 90 04**	10



Socket outlet with earth contact pin and monitoring LED

i 853

- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
white glossy	**67 6509 00 02**	10
polar white glossy	**67 6509 00 69**	10

Socket outlets with earthing pin for special applications



Socket outlet with earthing pin

i 853

- enhanced contact protection

– 2pole + earth
– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
red glossy	**67 6875 00 62**	10
green glossy	**67 6875 00 63**	10



Socket outlet with earthing pin

i 853

- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
red glossy	**67 6575 00 62**	10
green glossy	**67 6575 00 63**	10



Socket outlet with earth contact pin and monitoring LED

i 853

- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
red glossy	**67 6509 00 82**	10
green glossy	**67 6509 00 73**	10
orange glossy	**67 6509 00 77**	10

British Standard socket outlets



Socket outlet with earthing contact BRITISH STANDARD, can be switched off

i 853

- enhanced contact protection
- Screw terminals

– without neon lamp
– without spreader claws
– 2pole + earth
– with screw terminals

Rated voltage 250 V~
Rated current 13 A

Equates to standard BS 1363: Part 2.
Not for UK.
For installation in standard wall boxes according to according to DIN 49073-1

Design	Order no.	PU
white glossy	# **6347 00 02**	10
polar white glossy	# **6347 00 69**	10
brown glossy	# **6347 00 01**	10
light bronze matt, lacquered	# **6347 90 11**	10
stainless steel matt, lacquered	# **6347 90 04**	10



Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off

- enhanced contact protection
- Screw terminals

– without spreader claws
– 2pole + earth
– with screw terminals

Suitable for	Order no.	Page
Centre plate for socket outlets, British Standard, can be switched off	33 1307 ..	417

Rated voltage 250 V~
Rated current 13 A

Design	Order no.	PU
white glossy	# **3342 02 12**	10
polar white glossy	# **3342 02 19**	10
anthracite matt	# **3342 02 16**	10
brown glossy	# **3342 02 11**	10

New



Centre plate for socket outlets, British Standard, can be switched off

Suitable for	Order no.	Page
Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off	3342 02 ..	199

Design	Order no.	PU
white glossy	* **33 1307 00 02**	10
polar white glossy	* **33 1307 00 69**	10

NEMA-socket outlets



Socket outlet with earthing contact USA/CANADA NEMA 5-15 R

i 853

- Screw terminals

– without spreader claws
– 2pole + earth
– with screw terminals

Rated voltage 125 V~
Rated current 15 A

Not UL-certified.
Standard NEMA 5-15 R

Design	Order no.	PU
white glossy	**4167 00 02**	10
polar white glossy	**4167 00 69**	10
light bronze matt, lacquered	**4167 90 11**	10
stainless steel matt, lacquered	**4167 90 04**	10



Socket outlet with earthing contact USA/CANADA NEMA 5-20 R

i 853

- Screw terminals

– without spreader claws
– 2pole + earth
– with screw terminals

Rated voltage	125 V~
Rated current	20 A

Not UL-certified.
Standard NEMA 5-20 R

Design	Order no.	PU
white glossy	**4169 00 02**	10
polar white glossy	**4169 00 69**	10
light bronze matt, lacquered	**4169 90 11**	10
stainless steel matt, lacquered	**4169 90 04**	10

Covers for switches/push-buttons

Rockers



Rocker

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
white glossy	**1405 00 02**	10
polar white glossy	**1405 00 69**	10
brown glossy	**1405 00 01**	10
light bronze matt, aluminium lacquered	**1404 00 01**	10
Stainless steel, metal matt finish	**1404 00 04**	10
gold matt, aluminium anodised	**1404 00 02**	10



Rocker screw-on

– with cover plug for screw fitting

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
Stainless steel, metal matt finish	**1404 00 10**	10



Rocker with imprint “IP44”

Not suitable for push-button (KNX) and group push-buttons (KNX).

Degree of protection IP44 is provided only with sealing set order no. 1010 00.

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
Sealing set for Arsys IP44 devices	1010 00	441

Design	Order no.	PU
Stainless steel, metal matt finish	**1424 10 04**	10



Rocker

- Labelling field

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
white glossy	**1426 00 02**	10
polar white glossy	**1426 00 69**	10
brown glossy	**1426 00 01**	10
light bronze matt, aluminium lacquered	**1436 00 01**	10
Stainless steel, metal matt finish	**1436 00 04**	10
gold matt, aluminium anodised	**1436 00 02**	10



Rocker with imprint “IP44”

- Labelling field

Not suitable for push-button (KNX) and group push-buttons (KNX).

Labelling field height designed for 6 mm P-touch strips.
Degree of protection IP44 is provided only with sealing set order no. 1010 00.

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
Sealing set for Arsys IP44 devices	1010 00	441

Design	Order no.	PU
Stainless steel, metal matt finish	**1436 10 04**	10



Rocker

- Full-surface labelling field

For labelling with names, notes etc.

Labelling field height designed for two 24 mm P-touch strips.

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
clear, with white labelling field	**1487 00**	10



Rocker

- Lens

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

– for illumination and monitoring circuit
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
white glossy	**1415 00 02**	10
polar white glossy	**1415 00 69**	10
brown glossy	**1415 00 01**	10
light bronze matt, aluminium lacquered	**1416 00 01**	10
Stainless steel, metal matt finish	**1416 00 04**	10
gold matt, aluminium anodised	**1416 00 02**	10



Rocker screw-on

- Lens

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- with cover plug for screw fitting

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
Stainless steel, metal matt finish	**1414 00 10**	10



Rocker

- Labelling field
- Lens

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.
Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
white glossy	**1415 02 02**	10
polar white glossy	**1415 02 69**	10
brown glossy	**1415 02 01**	10
light bronze matt, aluminium lacquered	**1416 02 01**	10
Stainless steel, metal matt finish	**1416 02 04**	10

Rockers for multi-pole rocker switches



Rocker with imprint “0”

Suitable for	Order no.	Page
Multi-pole rocker switches		page 26

Design	Order no.	PU
white glossy	**1425 00 02**	10
polar white glossy	**1425 00 69**	10
brown glossy	**1425 00 01**	10
light bronze matt, aluminium lacquered	**1424 00 01**	10
Stainless steel, metal matt finish	**1424 00 04**	10
gold matt, aluminium anodised	**1424 00 02**	10



Rocker with imprint “0”

- Red lens

- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

Design	Order no.	PU
white glossy	**1417 00 02**	10
polar white glossy	**1417 00 69**	10
brown glossy	**1417 00 01**	10
light bronze matt, aluminium lacquered	**1418 00 01**	10
Stainless steel, metal matt finish	**1418 00 04**	10
gold matt, aluminium anodised	**1418 00 02**	10

Multiple Rockers



Rocker 2gang

– also for KNX applications: push-button, 2gang, and group push-button, 2gang

Suitable for	Order no.	Page
Rocker switches, 2gang Series push-buttons		page 28 page 29

Design	Order no.	PU
white glossy	**1435 00 02**	10
polar white glossy	**1435 00 69**	10
brown glossy	**1435 00 01**	10
light bronze matt, aluminium lacquered	**1434 00 01**	10
Stainless steel, metal matt finish	**1434 00 04**	10
gold matt, aluminium anodised	**1434 00 02**	10



Rocker 2gang

– with cover plug for screw fitting

Suitable for	Order no.	Page
Rocker switches, 2gang Series push-buttons		page 28 page 29

Design	Order no.	PU
Stainless steel, metal matt finish	**1434 00 10**	10



Rocker 2gang

- Red lens

– for illumination and monitoring circuit
– also for KNX applications: push-button, 2gang, and group push-button, 2gang

Suitable for	Order no.	Page
Rocker switches, 2gang Series push-buttons		page 28 page 29

Design	Order no.	PU
white glossy	**1437 00 02**	10
polar white glossy	**1437 00 69**	10
brown glossy	**1437 00 01**	10



Rocker 3gang

Suitable for	Order no.	Page
On/off switch 3gang	6330 23	31

Design	Order no.	PU
white glossy	**1465 00 02**	10
polar white glossy	**1465 00 69**	10
brown glossy	**1465 00 01**	10
light bronze matt, lacquered	**1465 90 11**	10
stainless steel matt, lacquered	**1465 90 04**	10

Centre plates for pullcord switches/pullcord push-buttons



Centre plate for pullcord switch/pullcord push-button

Suitable for	Order no.	Page
Pullcord switches/pullcord push-buttons		page 32

Design	Order no.	PU
white glossy	**1147 00 02**	10
polar white glossy	**1147 00 69**	10
brown glossy	**1147 00 01**	10
light bronze matt, lacquered	**1147 90 11**	10
stainless steel matt, lacquered	**1147 90 04**	10

Centre plates for key switches/key push-buttons



Centre plate for key switch/key push-button

– for master-key systems

Suitable for	Order no.	Page
Lock cylinder	1818 ..	75
Change-over switch 2pole for lock cylinders	3826 10	33
Push-button for lock cylinder	3856 20	33

Design	Order no.	PU
white glossy	**1505 00 12**	10
polar white glossy	**1505 00 79**	10
brown glossy	**1505 00 11**	10
light bronze matt, lacquered	**1505 90 21**	10
stainless steel matt, lacquered	**1505 90 14**	10

Centre plates for protection switches



50 x 50 mm centre plate for RCD protection switch

Caution!
Use only with intermediate ring for 50 x 50 mm centre plate from the corresponding range.

Suitable for	Order no.	Page
Residual current circuit-breaker	2844	34

Design	Order no.	PU
white glossy	**1493 02**	1
polar white glossy	**1493 09**	1
brown glossy	**1493 01**	1
light bronze matt, lacquered	**1493 11**	1
stainless steel matt, lacquered	**1493 04**	1

Timers

Centre plates for mechanical timer



Centre plate for mechanical timer

Suitable for	Order no.	Page
Mechanical time switches		page 35

Design	Order no.	PU
with time scale 15 min		
white glossy	**1634 00 02**	1
polar white glossy	**1634 00 69**	1
brown glossy	**1634 00 01**	1
light bronze matt, aluminium lacquered	**1634 01 01**	1
Stainless steel, metal matt finish	**1634 01 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1634 01 02**	1



with time scale 120 min		
white glossy	**1635 00 02**	1
polar white glossy	**1635 00 69**	1
brown glossy	**1635 00 01**	1
light bronze matt, aluminium lacquered	**1635 01 01**	1
Stainless steel, metal matt finish	**1635 01 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1635 01 02**	1



Timer comfort for sensors

- Display



854

- after charging, the timer can also be programmed when removed.
- connected RolloTec brightness sensor can be used for twilight-controlled switching-on
- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

Suitable for	Order no.	Page
Insert for timer	2948	38
optional		
RolloTec brightness sensor	169	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor surface-mounted	184	128

Design	Order no.	PU
white glossy	**1738 00 02**	1
polar white glossy	**1738 00 69**	1
brown glossy	**1738 00 01**	1
light bronze matt, lacquered	**1738 90 11**	1
stainless steel matt, lacquered	**1738 90 04**	1





Timer comfort

- Display



854

- 2 independent programme memories for everyday/holidays
- astro programme for sunrise/sundown switching
- with preset basic programme
- with week and day programme

Suitable for	Order no.	Page
Insert for timer	2948	38

Design	Order no.	PU
white glossy	**1736 00 02**	1
polar white glossy	**1736 00 69**	1
brown glossy	**1736 00 01**	1
light bronze matt, lacquered	**1736 90 11**	1
stainless steel matt, lacquered	**1736 90 04**	1





Timer Easy

- Display



854

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of switching times
- programmable for approx. 4 h after removing insert
- with quick programming mode

Suitable for	Order no.	Page
Insert for timer	2948	38

Design	Order no.	PU
white glossy	**1735 00 02**	1
polar white glossy	**1735 00 69**	1
brown glossy	**1735 00 01**	1
light bronze matt, lacquered	**1735 90 11**	1
stainless steel matt, lacquered	**1735 90 04**	1



Covers for dimmers

Centre plates for rotary dimmers



Centre plate for rotary dimmer

- Setting knob

Axis dimension Ø 4 mm

Suitable for	Order no.	Page
Rotary dimmers		page 40
Rotary potentiometers DALI		page 44
1-10 V Rotary potentiometers		page 45

Design	Order no.	PU
white glossy	**1135 00 02**	10
polar white glossy	**1135 00 69**	10
brown glossy	**1135 00 01**	10
light bronze matt, aluminium lacquered	**1134 00 01**	10
Stainless steel, metal matt finish	**1134 00 04**	10
gold matt, aluminium anodised	**1134 00 02**	10

Push-buttons



Button for universal series touch dimmer

i 857

Suitable for	Order no.	Page
Universal series touch dimmer (R, L, C)	2901	47

Design	Order no.	PU
white glossy	**1765 00 02**	1
polar white glossy	**1765 00 69**	1
brown glossy	**1765 00 01**	1
light bronze matt, aluminium lacquered	**1765 00 11**	1
Stainless steel, metal matt finish	**1765 00 04**	1
gold matt, aluminium anodised	**1765 00 12**	1

BLC -Berker Light Control

BLC push-buttons



BLC push-button

i 859

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit	2907	57

Design	Order no.	PU
white glossy	**1761 00 02**	1
polar white glossy	**1761 00 69**	1
brown glossy	**1761 00 01**	1
light bronze matt, aluminium lacquered	**1761 00 11**	1
Stainless steel, metal matt finish	**1761 00 04**	1
gold matt, aluminium anodised	**1761 00 12**	1

BLC controller



BLC controller comfort 1.1 m

i 862

Detection angle	180 °
Delay time, adjustable	≈ 10 s ... 30 min
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)

- with slide switch for OFF/automatic/ON
- with teach function for response brightness
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91





Design	Order no.	PU
Nominal mounting height 1.1 m		
white glossy	**1784 00 02**	1
polar white glossy	**1784 00 69**	1
light bronze matt, lacquered	**1784 90 11**	1
stainless steel matt, lacquered	**1784 90 04**	1
brown glossy	**1784 00 01**	1



BLC IR controller comfort 2.2 m with hand-held transmitter

i 863

Detection angle	180 °
Delay time, adjustable	≈ 10 s ... 60 min

Scope of delivery:
- BLC IR controller comfort
- IR hand-held transmitter

- with 2 buttons for permanent ON (LED green), permanent OFF (LED red) and automatic
- with detection and IR receiver LED red, and IR confirmation LED green
- with teach function for response brightness
- presence simulation via remote control: retrieval of the switching operations from the last 7 days
- hotel mode via remote control: without motion dimming to 20%
- short-time mode with immunity time (e.g. for bell) via remote control
- test mode via remote control: response sensitivity 100%, time delay 1 s and day mode

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91





Design	Order no.	PU
Nominal mounting height 2.2 m		
white glossy	**1789 00 02**	1
polar white glossy	**1789 00 69**	1
light bronze matt, lacquered	**1789 90 11**	1
stainless steel matt, lacquered	**1789 00 04**	1



BLC controller

i 862

Detection angle	180 °
Delay time	≈ 2 min
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)

Suitable for	Order no.	Page
BLC switches		page 53
BLC dimmers		page 56
BLC insert for timer	2934 10	56
BLC extension unit for motion detector	2908	91





Design	Order no.	PU
Nominal mounting height 1.1 m		
white glossy [1]	**1783 00 02**	1
polar white glossy [1]	**1783 00 69**	1
brown glossy [1]	**1783 00 01**	1
light bronze matt, lacquered [1]	**1783 90 11**	1
stainless steel matt, lacquered [1]	**1783 90 04**	1
Nominal mounting height 2.2 m		
white glossy	**1788 00 02**	1
polar white glossy	**1788 00 69**	1
light bronze matt, lacquered	**1788 90 11**	1
stainless steel matt, lacquered	**1788 00 04**	1

[1] with cover to limit detection angle to 90°

Covers for blind switches/push-buttons

Rockers with imprint



Rocker 2gang with imprinted arrow symbol

– also for KNX applications: push-button, 2gang

Suitable for	Order no.	Page
Switch / push-button for blinds		page 112
Push-button 2gang	7514 20 00	763

Design	Order no.	PU
white glossy	**1435 01 02**	10
polar white glossy	**1435 01 69**	10
brown glossy	**1435 01 01**	10
light bronze matt, aluminium lacquered	**1434 01 01**	10
Stainless steel, metal matt finish	**1434 01 04**	10
gold matt, aluminium anodised	**1434 01 02**	10



Rocker 2gang with imprinted arrows symbol

– also for KNX applications: group push-button, 2gang

Suitable for	Order no.	Page
Group series push-button, 4 NO contacts, common input terminal	5034 04	29
Group push-button 2gang	7514 21 00	763

Design	Order no.	PU
white glossy	**1435 03 02**	10
polar white glossy	**1435 03 69**	10
brown glossy	**1435 03 01**	10
light bronze matt, aluminium lacquered	**1434 03 01**	10
Stainless steel, metal matt finish	**1434 03 04**	10
gold matt, aluminium anodised	**1434 03 02**	10

Centre plates for rotary switches for blinds



Centre plate with rotary knob for rotary switch for blinds

– with imprint

Suitable for	Order no.	Page
Rotary switch for blinds		page 114
optional		
Interlock disk for rotary switch for blinds	1861	115

Design	Order no.	PU
white glossy	**1077 00 02**	1
polar white glossy	**1077 00 69**	1
brown glossy	**1077 00 01**	1
light bronze matt, aluminium lacquered	**1077 01 01**	1
Stainless steel, metal matt finish	**1077 01 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1077 01 02**	1

Centre plates for key switches/key push-buttons for blinds



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 0 position



– with imprint
– with 2 keys

Suitable for	Order no.	Page
Switch for blinds 2pole for centre plate with lock	3852	115
Switch for blinds 1pole for centre plate with lock	3851	115

Design	Order no.	PU
white glossy	**1079 00 02**	1
polar white glossy	**1079 00 69**	1
brown glossy	**1079 00 01**	1
light bronze matt, aluminium lacquered	**1079 03 01**	1
Stainless steel, metal matt finish	**1079 03 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1079 03 02**	1



Centre plate with lock and push lock function for switch for blinds

- Key can be removed in 3 positions



- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 2pole for centre plate with lock	3852	115
Switch for blinds 1pole for centre plate with lock	3851	115

Design	Order no.	PU
white glossy	**1079 01 02**	1
polar white glossy	**1079 01 69**	1
brown glossy	**1079 01 01**	1
light bronze matt, aluminium lacquered	**1079 04 01**	1
Stainless steel, metal matt finish	**1079 04 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1079 04 02**	1



Centre plate with lock and touch function for switch for blinds

- Key can be removed in 0 position



- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	115
Switch for blinds 2pole for centre plate with lock	3852	115

Design	Order no.	PU
white glossy	**1079 02 02**	1
polar white glossy	**1079 02 69**	1
brown glossy	**1079 02 01**	1
light bronze matt, aluminium lacquered	**1079 05 01**	1
Stainless steel, metal matt finish	**1079 05 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1079 05 02**	1



Centre plate for key push-button for blinds/key switch

- with imprint
- for master-key systems

Suitable for	Order no.	Page
Push-button for blinds 1pole for lock cylinder	3831 10	118
Lock cylinder	1818 ..	75
Switch for blinds 2pole for lock cylinder	3822 10	118
Push-button for blinds 2pole for lock cylinder	3832 10	118

Design	Order no.	PU
white glossy	**1504 00 12**	10
polar white glossy	**1504 00 79**	10
brown glossy	**1504 00 11**	10
light bronze matt, lacquered	**1504 90 21**	10
stainless steel matt, lacquered	**1504 90 14**	10

Rollotec

RolloTec buttons



RolloTec button comfort for sensors

i 886

– only for sensor connection to terminal block

Suitable for	Order no.	Page
RolloTec inserts		page 121
optional		
RolloTec glass breakage sensor	170	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor	169	128
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor surface-mounted	184	128



Design	Order no.		PU
white glossy	**1771 00 12**	04	1
polar white glossy	**1771 00 79**	04	1
brown glossy	**1771 00 11**	04	1
light bronze matt, aluminium lacquered	**1771 90 21**	04	1
Stainless steel, metal matt finish	**1771 90 14**	04	1
gold matt, aluminium anodised	**1771 90 12**	04	1



RolloTec button comfort

i 886

Suitable for	Order no.	Page
RolloTec inserts		page 121



Design	Order no.	PU
white glossy	**1770 00 12**	1
polar white glossy	**1770 00 79**	1
brown glossy	**1770 00 11**	1
light bronze matt, aluminium lacquered	**1770 90 21**	1
Stainless steel, metal matt finish	**1770 90 14**	1
gold matt, aluminium anodised	**1770 90 12**	1



RolloTec memory button for sensors

i 886

– only for sensor connection to terminal block

Suitable for	Order no.	Page
RolloTec inserts		page 121
optional		
RolloTec glass breakage sensor	170	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor surface-mounted	184	128
Magnetic contact	9251 0 ..	130
RolloTec brightness sensor	169	128



Design	Order no.	PU
white glossy	**1757 00 12**	1
polar white glossy	**1757 00 79**	1
brown glossy	**1757 00 11**	1
light bronze matt, aluminium lacquered	**1757 90 21**	1
Stainless steel, metal matt finish	**1757 90 14**	1
gold matt, aluminium anodised	**1757 90 12**	1



RolloTec memory button

i 886

Suitable for	Order no.	Page
RolloTec inserts		page 121



Design	Order no.	PU
white glossy	**1756 00 12**	1
polar white glossy	**1756 00 79**	1
brown glossy	**1756 00 11**	1
light bronze matt, aluminium lacquered	**1756 90 21**	1
Stainless steel, metal matt finish	**1756 90 14**	1
gold matt, aluminium anodised	**1756 90 12**	1

RolloTec time switches



RolloTec comfort time switch for sensors

- Display



i 890

- with surface-mounted RolloTec brightness sensor, shutter and lamella position additionally settable
- when a surface-mounted RolloTec brightness sensor is connected, twilight-controlled lowering possible
- RolloTec brightness sensor for sun blind movement up/down can be connected
- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

Suitable for	Order no.	Page
RolloTec inserts		page 121
optional		
RolloTec brightness sensor	169	128
RolloTec glass breakage sensor	170	128
RolloTec adapter for sensors	171	129
RolloTec brightness sensor surface-mounted	184	128
Magnetic contact	9251 0 ..	130

Design	Order no.	PU
white glossy	**1775 00 02**	1
polar white glossy	**1775 00 69**	1
brown glossy	**1775 00 01**	1
light bronze matt, lacquered	**1775 90 11**	1
stainless steel matt, lacquered	**1775 90 04**	1





RolloTec comfort time switch

- Display



i 890

- lamella position programmable at down operation times
- with automatic summer-/winter time switching (can be switched off)
- with a total of 3 independent programme memories
- 2 programme memories preset
- astro programme for sunrise/sundown switching
- programming according to week and days possible
- programme memory network failure proved

Suitable for	Order no.	Page
RolloTec inserts		page 121

Design	Order no.	PU
white glossy	**1774 00 02**	1
polar white glossy	**1774 00 69**	1
brown glossy	**1774 00 01**	1
light bronze matt, lacquered	**1774 90 11**	1
stainless steel matt, lacquered	**1774 90 04**	1





RolloTec easy time switch

- Display



i 890

- 2 programme blocks Mon. - Fri. and Sat. - Sun.
- simple programming of operation times
- with quick programming mode
- programming possible for up to 6 h after removing insert
- with preset basic programme

Suitable for	Order no.	Page
RolloTec inserts		page 121

Design	Order no.	PU
white glossy	**1762 00 02**	1
polar white glossy	**1762 00 69**	1
brown glossy	**1762 00 01**	1
light bronze matt, lacquered	**1762 90 11**	1
stainless steel matt, lacquered	**1762 90 04**	1



HVAC controllers and covers

Thermostat



Thermostat, NO contact, with centre plate

i 884

- Time-controlled

Rated voltage	230 V~
Frequency	50 Hz
Power consumption	≈ 1.2 W
Lithium cell power reserve [years]	≈ 10

- for floor heating, control using room and/or floor temperature possible
- for heating or cooling mode
- for room and floor heaters
- with self-teaching heating curve

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142
optional		
Temperature sensor	161	150

Design	Order no.	PU
white glossy	**2044 00 02**	1
polar white glossy	**2044 00 69**	1
brown glossy	**2044 00 01**	1
light bronze, lacquered	**2044 90 11**	1
stainless steel matt, lacquered	**2044 90 04**	1



Thermostat, NO contact, with centre plate, for underfloor heating

i 883

- Rocker switch
- External temperature sensor

Rated voltage	250 V~
Frequency	50/60 Hz

Suitable for	Order no.	Page
Centre plate for thermostat for underfloor heating	1672 ..	140
Valve drive 230 V	7590 00 76	142
replacement		
Temperature sensor	161	150

Design	Order no.	PU
white glossy	**2034 00 02**	1
polar white glossy	**2034 00 69**	1
brown glossy	**2034 00 01**	1
light bronze matt, lacquered	**2034 90 11**	1
stainless steel matt, lacquered	**2034 90 04**	1



Temperature controller, change-over contact, with centre plate

i 883

Rated voltage	250 V~
Frequency	50/60 Hz

- for heating or cooling mode

Suitable for	Order no.	Page
Centre plate for thermostat	1670 ..	141
Valve drive 230 V	7590 00 76	142

Design	Order no.	PU
white glossy	**2026 00 02**	1
polar white glossy	**2026 00 69**	1
brown glossy	**2026 00 01**	1
light bronze matt, lacquered	**2026 90 11**	1
stainless steel matt, lacquered	**2026 90 04**	1



Temperature controller, NC contact, with centre plate

i 883

- Rocker switch

Suitable for	Order no.	Page
Centre plate for thermostat	1671 ..	141
Valve drive 230 V	7590 00 76	142

Rated voltage 250 V~
Frequency 50/60 Hz

Design	Order no.	PU
white glossy	**2030 00 02**	1
polar white glossy	**2030 00 69**	1
brown glossy	**2030 00 01**	1
light bronze matt, lacquered	**2030 90 11**	1
stainless steel matt, lacquered	**2030 90 04**	1



Temperature controller, NC contact, with centre plate, 24 V AC/DC

i 883

- Rocker switch

Suitable for	Order no.	Page
Centre plate for thermostat	1671 ..	141
Valve drive 24 V AC/DC	7590 00 77	142

Rated voltage 24 V~/24 V=
Frequency 50/60 Hz

Design	Order no.	PU
white glossy	**2031 00 02**	1
polar white glossy	**2031 00 69**	1
brown glossy	**2031 00 01**	1
light bronze matt, lacquered	**2031 90 11**	1
stainless steel matt, lacquered	**2031 90 04**	1



Centre plate for thermostat for underfloor heating

- Rocker
- Setting knob

Suitable for	Order no.	Page
Thermostat, NO contact, with centre plate, for underfloor heating	2034 ..	136

Design	Order no.	PU
white glossy	**1672 00 02**	1
polar white glossy	**1672 00 69**	1
brown glossy	**1672 00 01**	1
light bronze matt, lacquered	**1672 90 11**	1
stainless steel matt, lacquered	**1672 90 04**	1



Centre plate for thermostat

- Setting knob

Suitable for	Order no.	Page
Temperature controller, change-over contact, with centre plate	2026 ..	137

Design	Order no.	PU
white glossy	**1670 00 02**	1
polar white glossy	**1670 00 69**	1
brown glossy	**1670 00 01**	1
light bronze matt, lacquered	**1670 90 11**	1
stainless steel matt, lacquered	**1670 90 04**	1



Centre plate for thermostat

- Rocker
- Setting knob

Suitable for	Order no.	Page
Temperature controller, NC contact, with centre plate	2030 ..	138
Temperature controller, NC contact, with centre plate, 24 V AC/DC	2031 ..	139

Design	Order no.	PU
white glossy	**1671 00 02**	1
polar white glossy	**1671 00 69**	1
brown glossy	**1671 00 01**	1
light bronze matt, lacquered	**1671 90 11**	1
stainless steel matt, lacquered	**1671 90 04**	1

Central plates for sensor inserts



Central plate for sensor insert

Caution!
Use only with intermediate ring for central plate from the corresponding range.
Labelling field cannot be used.

Suitable for	Order no.	Page
Sensor insert	7594 10 01	141

Design	Order no.	PU
white glossy	**7594 04 02**	1
polar white glossy	**7594 04 09**	1
light bronze matt, lacquered	**7594 04 04**	1
stainless steel matt, lacquered	**7594 04 03**	1

Rockers for heating emergency switches



Rocker with imprint “Heizung Notschalter”

- Red lens

Or use glass pane-protected heating emergency switch.

Not suitable for heating systems > 50 kW.

- for monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
red glossy	**1488 00 62**	10

Centre plates for emergency switches



Centre plate with glass plate

- Rocker

The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Housing screws made of stainless steel.
Adhesive label sheets, text white: “Notschalter”, “Rauchabzug”, “Feuerschutztür schließen”, “Feuerabschluss schließen”, “Heizung”, “Lichtkuppel”, “Hausalarm” and “Öffnen”.

Not suitable for heating systems > 50 kW.
In case of danger break glass and press rocker!

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
red glossy	**1297 00 00**	10

Centre plates for air conditioner/fan controllers



Centre plate with rotary knob for 3-step switch

Suitable for	Order no.	Page
3-step switch	3861 ..	146

Design	Order no.	PU
without 0-position, imprint 2-1-3		
white glossy	**1088 00 02**	1
polar white glossy	**1088 00 69**	1
brown glossy	**1088 00 01**	1
light bronze matt, aluminium lacquered	**1088 01 01**	1
Stainless steel, metal matt finish	**1088 01 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1088 01 02**	1
with 0-position, imprint 0-1-2-3		
white glossy	**1087 00 02**	1
polar white glossy	**1087 00 69**	1
brown glossy	**1087 00 01**	1
light bronze matt, aluminium lacquered	**1087 01 01**	1
Stainless steel, metal matt finish	**1087 01 04**	1
gold/polar white, matt/glossy, aluminium anodised	**1087 01 02**	1





Centre plate for speed controller

- Setting knob



– with imprinted symbol curve

Suitable for	Order no.	Page
Speed controllers	2968 01	147

Axis dimension Ø 4 mm

Design	Order no.	PU
white glossy	**1135 00 22**	10
polar white glossy	**1135 00 89**	10
brown glossy	**1135 00 21**	10
light bronze matt, aluminium lacquered	**1134 00 21**	10
Stainless steel, metal matt finish	**1134 00 24**	10
gold matt, aluminium anodised	**1134 00 22**	10

Communication/multimedia technology

– For information on suitable third-party manufacturer articles, see the chapter “Communication/multimedia technology”

Covers data-/telecommunication



Centre plate with TAE cut-out

– also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
230 V USB charging socket outlet	2600 0 ..	173
Loudspeaker connection box	4572 ..	174
Stereo loudspeaker connection box	4573 ..	174
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584	163
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	162

Design	Order no.	PU
white glossy	**1035 01 02**	10
polar white glossy	**1035 01 69**	10
brown glossy	**1035 01 01**	10
gold matt, aluminium anodised	**1034 00 02**	10
Stainless steel, metal matt finish	**1034 00 04**	10
light bronze matt, aluminium lacquered	**1034 00 01**	10



Centre plate for FCC socket outlet

- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

Suitable for UAE socket outlets 1gang | **Order no.** | **Page** page 157

Design	Order no.	PU
white glossy	**1407 00 02**	10
polar white glossy	**1407 00 69**	10
brown glossy	**1407 00 01**	10
light bronze matt, aluminium lacquered	**1408 00 01**	10
Stainless steel, metal matt finish	**1408 00 04**	10
gold matt, aluminium anodised	**1408 00 02**	10



Central plate for FCC socket outlet

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet
- labelling field latchable

Suitable for UAE socket outlets 1gang | **Order no.** | **Page** page 157

Design	Order no.	PU
white glossy	**1468 02**	10
polar white glossy	**1468 09**	10
brown glossy	**1468 01**	10



Centre plate for FCC socket outlet 2gang

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

Suitable for UAE socket outlets 2gang | **Order no.** | **Page** page 160

Design	Order no.	PU
white glossy	**1409 00 02**	10
polar white glossy	**1409 00 69**	10
brown glossy	**1409 00 01**	10
light bronze matt, aluminium lacquered	**1410 00 01**	10
Stainless steel, metal matt finish	**1410 00 04**	10
gold matt, aluminium anodised	**1410 00 02**	10



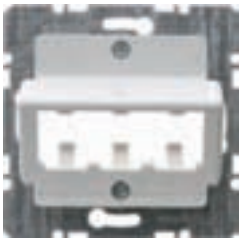
Central plate for FCC socket outlet 2gang

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet
- labelling field latchable

Suitable for UAE socket outlets 2gang | **Order no.** | **Page** page 160

Design	Order no.	PU
white glossy	**1469 02**	10
polar white glossy	**1469 09**	10
brown glossy	**1469 01**	10



Central plate for 3 MINI-COM modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- labelling field latchable
- for Mini-Com dummy modules 1gang

Suitable for Multimedia modules | **Order no.** | **Page** page 571

Design	Order no.	PU
white glossy	**1427 02**	10
polar white glossy	**1427 09**	10



Central plate for Reichle&De-Massari single modules

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

Design	Order no.	PU
white glossy	**1472 02**	10
polar white glossy	**1472 09**	10



Central plate for Reichle&De-Massari double module

Caution!
Use only with intermediate ring for central plate from the corresponding range.

For 1gang modules, the 1port DIN connection box with straight outlet and centre plate 50 x 50 mm of makes IBM no. 51H8234 or Reichle + De Massari no. R 825857 can be used.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

Design	Order no.	PU
white glossy	**1461 02**	10
polar white glossy	**1461 09**	10



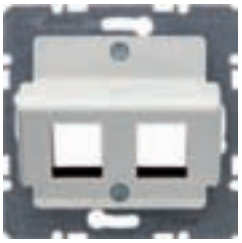
Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- labelling field latchable

Design	Order no.	PU
white glossy	**1463 02**	10
polar white glossy	**1463 09**	10



Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks cat.5, cat.5e and cat.6

Design	Order no.	PU
white glossy	**1464 02**	10
polar white glossy	**1464 09**	10



Centre plate with 2 dust protection sliders

- Labelling field



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 .., see COMMUNICATION/ MULTIMEDIA TECHNOLOGY

Design	Order no.	PU
white glossy	**1182 00 02**	10
polar white glossy	**1182 00 69**	10
brown glossy	**1182 00 01**	10
light bronze matt, lacquered	**1182 90 11**	10
stainless steel matt, lacquered	**1182 90 04**	10



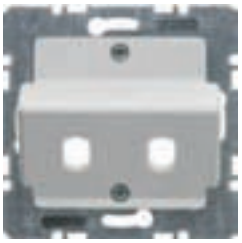
Centre plate for AMP-ACO

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

- cat.5, cat.6 and cat.7

Design	Order no.	PU
white glossy	**1177 00 02**	10
polar white glossy	**1177 00 69**	10
brown glossy	**1177 00 01**	10
light bronze matt, lacquered	**1177 90 11**	10
stainless steel matt, lacquered	**1177 90 04**	10



Central plate for fibre-optic couplings Simplex ST

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 2 fibre-optic couplings

Design	Order no.	PU
white glossy, 2gang	**1492 02**	10
polar white glossy, 2gang	**1492 09**	10



Central plate for fibre-optic couplings Duplex SC

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 30° oblique outlet
- for 1 or 2 fibre-optic couplings
- 1 knock out opening

Design	Order no.	PU
white glossy	**1480 02**	10
polar white glossy	**1480 09**	10

Covers for aerial sockets



Centre plate for aerial socket 2-/3hole

- with knock out SAT input

Suitable for Aerial sockets — **Order no.** — **Page** page 154

Design	Order no.	PU
gold matt, aluminium anodised	**1202 00 02**	10
white glossy	**1201 01 12**	10
polar white glossy	**1201 01 79**	10
light bronze matt, aluminium lacquered	**1202 00 21**	10
brown glossy	**1201 01 11**	10
Stainless steel, metal matt finish	**1202 00 04**	10



Central plate for aerial socket 4hole (Ankaro)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

- with 2 additional SAT outputs (F-sockets)

Suitable for Aerial socket 4hole single box — **Order no.** 4594 — **Page** 156

Design	Order no.	PU
white glossy	**1484 02**	10
polar white glossy	**1484 09**	10
brown glossy	**1484 01**	10
light bronze matt, lacquered	**1484 11**	10
stainless steel matt, lacquered	**1484 04**	10



Central plate for aerial socket 4hole (Hirschmann)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with 2 additional SAT outputs (F-sockets)

Design	Order no.	PU
white glossy	**1483 02**	10
polar white glossy	**1483 09**	10
brown	**1483 01**	10
light bronze matt, lacquered	**1483 11**	10
stainless steel matt, lacquered	**1483 04**	10



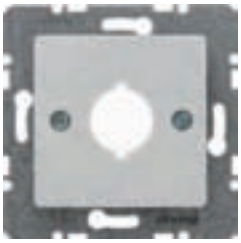
Central plate for broadband modem socket (Wisi)

Caution!
Use only with intermediate ring for central plate from the corresponding range.

– with additional multimedia output
– labelling field latchable

Design		Order no.	PU
white glossy	#	**1439 02**	10
polar white glossy	#	**1439 09**	10

Central plates for signalling and command units



Central plate with installation opening Ø 18.8 mm

Screw spacing 36 mm

– with cut-out dia. 18.8 mm
– labelling field latchable

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Suitable for optional	Order no.	Page
Built-in socket for floating output	4604 ..	671

Design	Order no.	PU
white glossy	**1431 02**	10
polar white glossy	**1431 09**	10
stainless steel matt, lacquered	**1431 04**	10



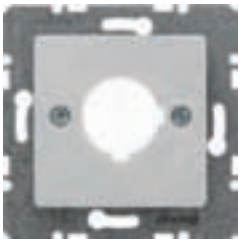
Centre plate with installation opening Ø 18.8 mm

Screw spacing 36 mm

– with cut-out dia. 18.8 mm

Suitable for	Order no.	Page
Built-in socket for floating output	4604 ..	671

Design	Order no.	PU
light bronze matt, aluminium lacquered	**1070 01 01**	10
Stainless steel, metal matt finish	**1070 01 04**	10
gold matt, aluminium anodised	**1070 01 02**	10



Central plate with installation opening Ø 22.5 mm

Screw spacing 36 mm

– with cut-out dia. 22.5 mm
– labelling field latchable

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Design	Order no.	PU
white glossy	**1432 02**	10
polar white glossy	**1432 09**	10
stainless steel matt, lacquered	**1432 04**	10
yellow glossy	**1432 07**	10



Centre plate with installation opening Ø 22.5 mm

Screw spacing 36 mm

– with cut-out dia. 22.5 mm

Design	Order no.	PU
light bronze matt, aluminium lacquered	**1071 01 01**	10
Stainless steel, metal matt finish	**1071 01 04**	10
gold matt, aluminium anodised	**1071 01 02**	10

Covers Audio



Centre plate for loudspeaker socket outlet

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

- 1 knock out opening

Suitable for	Order no.	Page
Stereo loudspeaker socket outlet	4505 01	175
Entry for small connector	4505	176
Loudspeaker socket outlet High End	4505 02	175

Design	Order no.	PU
white glossy	**1185 00 02**	10
polar white glossy	**1185 00 69**	10
brown glossy	**1185 00 01**	10

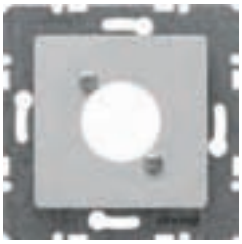


Centre plate for loudspeaker socket outlet

- 1 knock out opening

Suitable for	Order no.	Page
Entry for small connector	4505	176
Stereo loudspeaker socket outlet	4505 01	175
Loudspeaker socket outlet High End	4505 02	175

Design	Order no.	PU
light bronze matt, aluminium lacquered	**1184 00 01**	10
Stainless steel, metal matt finish	**1184 00 04**	10
gold matt, aluminium anodised	**1184 00 02**	10



Central plate for XLR D-series connector

Cut-out Ø 23.6 mm
Screw spacing (horizontal/vertical) 19/24 mm

- speakon and jack connector
- labelling field latchable

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Design	Order no.	PU
white glossy	**1412 02**	10
polar white glossy	**1412 09**	10

Video socket outlets



VGA

VGA socket outlet

i 912

Frequency range video max. 160 MHz
Resolution max. 1280 x 1024 px

- with 15pole D-subminiature double jack
- S-VGA compatible
- with 15pole D-subminiature jack (front)

Design	Order no.	PU
with double jack		
white glossy	**33 1540 00 02**	10
polar white glossy	**33 1540 00 69**	10
light bronze matt, lacquered	**33 1540 90 11**	10
stainless steel matt, lacquered	**33 1540 90 04**	10
back side, with screw-in lift terminals		
white glossy [1]	**33 1541 00 02**	10
polar white glossy [1]	**33 1541 00 69**	10
light bronze matt, lacquered [1]	**33 1541 90 11**	10
stainless steel matt, lacquered [1]	**33 1541 90 04**	10

[1] for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²

Multimedia sockets



3 x Cinch/S-Video socket outlet

915

Frequency range audio	20 ... 20000 Hz
Frequency range video	max. 160 MHz

- gold-plated contacts
- 1 cinch double jack for video connection (yellow)
- 2 cinch double jacks for audio connection (red, white)
- S-Video double jack

Design	Order no.	PU
white glossy	**33 1532 00 02**	10
polar white glossy	**33 1532 00 69**	10
light bronze matt, lacquered	**33 1532 90 11**	10
stainless steel matt, lacquered	**33 1532 90 04**	10

S-Video CINCH



High definition socket outlet

915

Transmission rate	max. 8.16 Gbit/s
Resolution	max. 1920 x 1080 px

- gold-plated contacts
- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)

Design	Order no.	PU
back side, with straight socket		
white glossy	**33 1542 00 02**	10
polar white glossy	**33 1542 00 69**	10
light bronze matt, lacquered	**33 1542 90 11**	10
stainless steel matt, lacquered	**33 1542 90 04**	10
back side, with 90° angle socket		
white glossy	**33 1543 00 02**	10
polar white glossy	**33 1543 00 69**	10
light bronze matt, lacquered	**33 1543 90 11**	10
stainless steel matt, lacquered	**33 1543 90 04**	10

HDMI



USB/3.5 mm audio socket outlet

915

USB transmission rate	max. 480 Mbit/s
Frequency range audio	20 ... 20000 Hz

- double jack gold-plated 3.5 mm, stereo
- USB double jack type A, USB 2.0 capable

Design	Order no.	PU
white glossy	**33 1539 00 02**	10
polar white glossy	**33 1539 00 69**	10
light bronze matt, lacquered	**33 1539 90 11**	10
stainless steel matt, lacquered	**33 1539 90 04**	10

Consumer electronics



Berker Radio Touch

- Loudspeaker

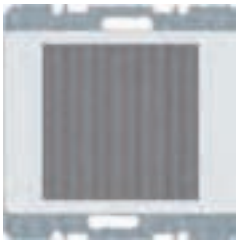
Operating voltage	230 V~
Frequency	50/60 Hz
Conductor cross-section	max. 2.5 mm²
Dimensions of display (W x H)	35 x 28 mm
Insertion depth	33 mm
Frequency range	87.5 ... 108 MHz

- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- illuminated touch graphics display
- time and date display
- external audio input, e.g. for MP3 player or docking station
- stereo FM radio with RDS display
- with one loudspeaker
- with screw terminals

Suitable for optional	Order no.	Page
Loudspeaker		page 440
Docking station		page 440

Design	Order no.	PU
polar white glossy	**2880 00 69**	1
stainless steel matt, lacquered	**2880 00 04**	1

FM



Loudspeaker

Impedance	8 Ω
Pre-assembled cable	≈ 0.3 m
Conductor cross-section (flexible)	0.75 mm²
Insertion depth	22.5 mm

- confectioned, with 2-core, double-insulated, flexible cable

Suitable for	Order no.	Page
Berker Radio Touch		page 439
Docking station		page 440

Design	Order no.	PU
polar white glossy	**2882 00 69**	1
stainless steel matt, lacquered	**2882 00 04**	1



Docking station

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	max. 3.5 V
Number of loudspeakers (4 Ω)	1
Number of loudspeakers (8 Ω)	2
Number of loudspeakers (20 Ω)	5
Insertion depth	36 mm

- buttons for volume control
- stereo Line-Out for connection to the radio touch
- AUX input mini stereo jack for audio source (line or headphones output), e.g. MP3 player
- with 30pole plug connector for iPod and iPhone*
- with screw terminals

* iPod and iPhone are registered trademarks of Apple Inc.

Suitable for	Order no.	Page
Berker Radio Touch		page 439
Loudspeaker		page 440

Design	Order no.	PU
polar white glossy	**2883 00 69**	1
stainless steel matt, lacquered	**2883 00 14**	1

Covers for pilot lamps



Centre plate for push-button/pilot lamp E10

Cut-out Ø	27.2 mm

- centre plate for plug-in fixing

Suitable for	Order no.	Page
Covers and push-buttons		page 71
LED lamp E10		page 70
Neon lamp E10		page 71
Push-button/pilot lamp E10, NO contact	5101 ..	63

Design	Order no.	PU
light bronze matt, aluminium lacquered	**1165 01 01**	10
Stainless steel, metal matt finish	**1165 01 04**	10
gold matt, aluminium anodised	**1165 01 02**	10



Centre plate for push-button/pilot lamp E10

- Labelling field



Cut-out Ø	27.2 mm

- centre plate for plug-in fixing

Suitable for	Order no.	Page
Covers and push-buttons		page 71
LED lamp E10		page 70
Neon lamp E10		page 71
Push-button/pilot lamp E10, NO contact	5101 ..	63

Design	Order no.	PU
white glossy	**1165 00 02**	10
polar white glossy	**1165 00 69**	10
brown glossy	**1165 00 01**	10



Centre plate for pilot lamp E14

Suitable for	Order no.	Page
Pilot lamp E14	5131 02	65

Design	Order no.	PU
white glossy	**1167 00 02**	10
polar white glossy	**1167 00 69**	10
brown glossy	**1167 00 01**	10
stainless steel matt, lacquered	**1167 90 04**	10
light bronze matt, lacquered	**1167 90 11**	10



Cover for push-button/pilot lamp E10

The mirror image texts on the rear only become visible when the signal is illuminated.

With 10 labelling fields: “Bitte warten”, “Bitte eintreten”, “Nicht eintreten”, “Bitte Ruhe”, “Der Nächste bitte”, “Aufzug kommt”, symbol arrow, “Besetzt”, 2x neutral.

Suitable for	Order no.	Page
Push-button/pilot lamp E10, NO contact	5101 ..	63

Design	Order no.	PU
clear	**1247 00 04**	10



Cover for info pilot lamp

i 878

Current consumption 25 mA
Power, LED 800 mW

Printed labels supplied: “Nicht eintreten”, “Besetzt”, “Bitte eintreten”, “Bitte Ruhe”, “Bitte warten”.

- with clear cover plate
- with 4 light intensive LEDs
- very long LED lifetime

Suitable for	Order no.	Page
Cover plate for info pilot lamp	1289 ..	72
Info pilot lamp	2949	66

Design	Order no.	PU
white glossy	**1345 00 02**	1
polar white glossy	**1345 00 69**	1
brown glossy	**1345 00 01**	1
light bronze matt, lacquered	**1345 90 11**	1
stainless steel matt, lacquered	**1345 90 04**	1

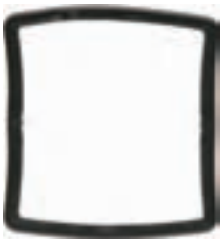
Supplementary products



Sealing set for Arsys IP44 devices

Suitable for	Order no.	Page
SCHUKO socket outlet with hinged cover	4758 ..	412
Rocker with imprint “IP44”	1424 10 04	418
Rocker with imprint “IP44”	1436 10 04	419

Design	Order no.	PU
Sealing set for Arsys IP44 devices	**1010 00**	10



Sealing ring for wall-tight installation of flush-mounted devices

When disinfecting smooth walls, the rubber rings prevent detergent from penetrating the installation.

Caution!
Only suitable for Berker Arsys frames in the appropriate design 1-, 2- or 3gang.

- for vertical and horizontal mounting

Design	Order no.	PU
black, for 1gang frame	**1056 00**	10
black, for 2gang frame	**1057 00**	2
black, for 3gang frame	**1058 00**	2

Blind plates



Blind plug with centre plate

- on supporting plate without cut-out

Design	Order no.	PU
without spreader claws		
white glossy	**1045 00 02**	20
polar white glossy	**1045 00 69**	20
brown glossy	**1045 00 01**	20
light bronze matt, aluminium lacquered	**1044 00 01**	20
Stainless steel, metal matt finish	**1044 00 04**	20
gold matt, aluminium anodised	**1044 00 02**	20

with base and spreader claws		
white glossy	**67 1045 00 02**	10
polar white glossy	**67 1045 00 69**	10
brown glossy	**67 1045 00 01**	10
light bronze matt, aluminium lacquered	**67 1044 00 01**	10
Stainless steel, metal matt finish	**67 1044 00 04**	10



Blind plug with centre plate, screw-on

- on supporting plate with large cut-out
- with cover plug for screw fitting
- without spreader claws
- for customised cut-outs or holes when installing special solutions
- space-saving for relays, etc.

Design	Order no.	PU
white glossy	**1045 01 02**	20
polar white glossy	**1045 01 69**	20
brown glossy	**1045 01 01**	20



Centre plate for cable outlet

Suitable for	Order no.	Page
Cable outlet with low installation depth	4468	171
Cable outlet	4470	170

Design	Order no.	PU
white glossy	**1005 00 02**	10
polar white glossy	**1005 00 69**	10
brown glossy	**1005 00 01**	10
light bronze matt, lacquered	**1004 90 11**	10
stainless steel matt, lacquered	**1004 90 04**	10

Hinged covers



Hinged cover, flat

- Labelling field



- with imprint

To be used for push-buttons with hinged cover, for example.

Labelling field height designed for 6 mm P-touch strips.
For post-installation clipping into centre plates with labelling field.

Design	Order no.	PU
white glossy	**1140 00 02**	10
polar white glossy	**1140 00 69**	10
brown glossy	**1140 00 01**	10
light bronze matt, lacquered	**1140 90 11**	10
stainless steel matt, lacquered	**1140 90 04**	10



Hinged cover, high

- Labelling field



- with imprint

Labelling field height arranged for P-touch strips 6 mm.
For post-installation clipping into centre plates with labelling field.

Design	Order no.	PU
white glossy	**1141 00 02**	10
polar white glossy	**1141 00 69**	10
brown glossy	**1141 00 01**	10
light bronze matt, lacquered	**1141 90 11**	10
stainless steel matt, lacquered	**1141 90 04**	10

Intermediate rings



Adapter ring for centre plate 50 x 50 mm

Caution!
Not suitable for Berker central plates.
For centre plate as per according to DIN 49075

– for other centre plates with external size 50 x 50 mm

Design	Order no.	PU
white glossy	**1108 01 02**	10
polar white glossy	**1108 01 69**	10
brown glossy	**1108 01 01**	10
light bronze matt, lacquered	**1108 91 11**	10
stainless steel matt, lacquered	**1108 91 04**	10



Intermediate ring for central plate

– labelling field latchable

Suitable for optional	Order no.	Page
Labelling field for intermediate ring	1905 00 02	226

Design	Order no.	PU
white glossy	**1108 00 02**	10
polar white glossy	**1108 00 69**	10
brown glossy	**1108 00 01**	10
light bronze matt, lacquered	**1108 90 11**	10
stainless steel matt, lacquered	**1108 90 04**	10



Labelling field for intermediate ring

Labelling field height arranged for P-touch strips 6 mm.

Suitable for	Order no.	Page
Intermediate ring for central plate	1108 ..	443
Intermediate ring for central plate	1109 ..	291

Design	Order no.	PU
white glossy	**1905 00 02**	10
polar white glossy	**1905 00 69**	10
stainless steel matt, lacquered	**1905 70 04**	10



Intermediate ring flat, with hinged cover

The high hinged cover with opening is suitable as a cover with inserted plug for TAE and 45° UAE versions.

– with imprint
– for other centre plates with external size 50 x 50 mm

Design	Order no.	PU
white glossy	**1154 00 02**	10
polar white glossy	**1154 00 69**	10
brown glossy	**1154 00 01**	10
light bronze matt, aluminium lacquered	**1154 10 01**	10
Stainless steel, metal matt finish	**1154 10 04**	10
gold matt, aluminium anodised	**1154 10 02**	10



Intermediate ring with hinged cover flat

- Labelling field



– with imprint

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	**1155 00 02**	10
polar white glossy	**1155 00 69**	10
brown glossy	**1155 00 01**	10
light bronze matt, aluminium lacquered	**1155 10 01**	10
Stainless steel, metal matt finish	**1155 10 04**	10
gold matt, aluminium anodised	**1155 10 02**	10



Intermediate ring with hinged cover high

- Labelling field



Labelling field height arranged for P-touch strips 6 mm.
The high hinged cover with opening is suitable as a cover with inserted plug for TAE and 45° UAE versions.

- with imprint

Design	Order no.	PU
white glossy	**1155 01 02**	10
polar white glossy	**1155 01 69**	10
brown glossy	**1155 01 01**	10
light bronze matt, lacquered	**1155 91 11**	10
stainless steel matt, lacquered	**1155 91 04**	10

Base plates



Base plate 1gang, self-extinguishing

For surface-mounted frames of the design lines:
- Modul 2
- Berker Q.1
- Berker Arsys

- with imprint
- for mounting on combustible base surface

Suitable for	Order no.	Page
Surface mounted frames		page 453

Design	Order no.	PU
white	**1021 12**	10



Base plate 2gang, self-extinguishing

For surface-mounted frames of the design lines:
- Modul 2
- Berker Q.1
- Berker Arsys

- with imprint
- for mounting on combustible base surface

Suitable for	Order no.	Page
Surface mounted frames		page 453

Design	Order no.	PU
white	**1021 22**	10



Base plate 3gang, self-extinguishing

For surface-mounted frames of the design lines:
- Modul 2
- Berker Q.1
- Berker Arsys

- with imprint
- for mounting on combustible base surface

Suitable for	Order no.	Page
Surface mounted frames		page 453

Design	Order no.	PU
white	**1021 32**	10

Hotel applications

Centre plates for hotel card switches



Centre plate with imprint for push-button for hotel card

- Red lens

Suitable for	Order no.	Page
Push-button for hotel card		page 76

Card width max. 54 mm
Card thickness 0.5 ... 1.4 mm

Other imprint on request!

Design	Order no.	PU
white glossy	**1641 00 02**	10
polar white glossy	**1641 00 69**	10
brown glossy	**1641 00 01**	10
light bronze matt, lacquered	**1641 90 11**	10
stainless steel matt, lacquered	**1641 90 04**	10

Hospital installation

Central plates for hospital installation



Central plate for socket outlet for floating output

Caution!
Use only with intermediate ring for central plate from the corresponding range.

For double pole socket outlet for floating output according to DIN 42801

– with imprint

Suitable for	Order no.	Page
Socket outlet for floating output	1061 ..	670

Design	Order no.	PU
white glossy	**1403 02**	10
polar white glossy	**1403 09**	10



Centre plate socket outlet for floating output

- Labelling field

– with imprint

Suitable for	Order no.	Page
Socket outlet for floating output	1061 ..	670

Design	Order no.	PU
Stainless steel, metal matt finish	**1705 01 04**	10



Central plate for 6pole socket outlet

Caution!
Use only with intermediate ring for central plate from the corresponding range.

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90 / clino phon 95	71008C
clino opt 99	71008C3
6pole socket outlets	
Hirschmann: Medu 600 GSK	

Design	Order no.	PU
white glossy	**1474 02**	10
polar white glossy	**1474 09**	10
stainless steel matt, lacquered	**1474 04**	10

Centre plates for Ackermann inserts



Centre plate for nurse call system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	72642C 72639A 71197A 72642B

Design	Order no.	PU
white glossy	**1204 00 12**	10
polar white glossy	**1204 00 69**	10
stainless steel matt, lacquered	**1204 90 04**	10



Centre plate with plug-in opening for nurse call systems

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73070A

Design	Order no.	PU
white glossy	**1298 00 02**	10
polar white glossy	**1298 00 69**	10
stainless steel matt, lacquered	**1298 90 04**	10



Centre plate for dropping plug-and-socket connector

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- a-coded for dropping plug-and-socket connector

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	74189A

Design	Order no.	PU
white glossy	**1305 00 02**	10
polar white glossy	**1305 00 69**	10
stainless steel matt, lacquered	**1305 90 04**	10



Centre plate with 2 plug-in openings for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call unit with 2 auxiliary plug-in contacts
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73020D 73021D

Design	Order no.	PU
white glossy	**1238 00 02**	10
polar white glossy	**1238 00 69**	10
stainless steel matt, lacquered	**1238 90 04**	10



Centre plate with 2 plug-in openings and imprint, for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call unit with 2 diagnostic plug-in contacts
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73075C 73020G 73021G 73075D

Design	Order no.	PU
white glossy	**1244 00 02**	10
polar white glossy	**1244 00 69**	10
stainless steel matt, lacquered	**1244 90 04**	10



Centre plate with 2 plug-in openings and imprinted symbols, for call unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call unit with diagnostic and auxiliary plug-in contact
- for plug-in cover

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73020E

Design	Order no.	PU
white glossy	**1242 00 02**	10
polar white glossy	**1242 00 69**	10
stainless steel matt, lacquered	**1242 90 04**	10



Centre plate with plug-in opening, red button at bottom

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73022B 73023B

Design	Order no.	PU
white glossy	**1224 00 02**	10
polar white glossy	**1224 00 69**	10
stainless steel matt, lacquered	**1224 90 04**	10



Centre plate with plug-in opening, red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button and monitored auxiliary plug-in contact
- for call push-button with plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73071E 73071E2 73075A 73073E

Design	Order no.	PU
white glossy	**1217 00 02**	10
polar white glossy	**1217 00 69**	10
stainless steel matt, lacquered	**1217 90 04**	10



Centre plate with 2 plug-in openings, imprint and red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint
- for call module with call push-button and plug-in contacts
- for call push-button with diagnostic and auxiliary plug-in contact
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73071D 73071D2 73075B 73073D

Design	Order no.	PU
white glossy	**1218 00 02**	10
polar white glossy	**1218 00 69**	10
stainless steel matt, lacquered	**1218 90 04**	10



Centre plate with red button at top

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call module with call push-button
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73071F 73071F2 73073F

Design	Order no.	PU
white glossy	**1216 00 02**	10
polar white glossy	**1216 00 69**	10
stainless steel matt, lacquered	**1216 90 04**	10



Centre plate with red button at bottom

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens and imprint
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

Design	Order no.	PU
white glossy	**1219 00 02**	10
polar white glossy	**1219 00 69**	10
stainless steel matt, lacquered	**1219 90 04**	10



Centre plate with green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642C

Design	Order no.	PU
white glossy	**1251 00 02**	10
polar white glossy	**1251 00 69**	10
stainless steel matt, lacquered	**1251 90 04**	10



Centre plate with yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642D

Design	Order no.	PU
white glossy	**1252 00 02**	10
polar white glossy	**1252 00 69**	10
stainless steel matt, lacquered	**1252 90 04**	10



Centre plate with blue button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button
- button with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73022A 73022A2

Design	Order no.	PU
white glossy	**1223 00 02**	10
polar white glossy	**1223 00 69**	10
stainless steel matt, lacquered	**1223 90 04**	10



Centre plate with white button and imprint

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint “SU-AUS WARTEN”
- button with lens
- centre plate for plug-in fixing
- for office unit

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73640J 73640J2

Design	Order no.	PU
white glossy	**1308 00 02**	10
polar white glossy	**1308 00 69**	10
stainless steel matt, lacquered	**1308 90 04**	10



Centre plate with red + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for call push-button and shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642B2

Design	Order no.	PU
white glossy	**1249 00 02**	10
polar white glossy	**1249 00 69**	10
stainless steel matt, lacquered	**1249 90 04**	10



Centre plate with green + yellow button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for shut-off push-button
- buttons with lens
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642E

Design	Order no.	PU
white glossy	**1253 00 02**	10
polar white glossy	**1253 00 69**	10
stainless steel matt, lacquered	**1253 90 04**	10



Centre plate with white + green button

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- with imprint “SU-AUS WARTEN”
- buttons with lens
- centre plate for plug-in fixing
- for office unit

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99	73642B

Design	Order no.	PU
white glossy	**1299 00 02**	10
polar white glossy	**1299 00 69**	10
stainless steel matt, lacquered	**1299 90 04**	10



Centre plate for pneumatic call switch

- Lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70006A 70006B
clino opt 99	70006C

Design	Order no.	PU
white glossy	**1236 00 02**	10
polar white glossy	**1236 00 69**	10
stainless steel matt, lacquered	**1236 90 04**	10



Centre plate for pullcord push-button

- Lens



For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- for pullcord push-button with pullcord and knob
- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	70045A3 70046A3 70046A

Design	Order no.	PU
white glossy	**1233 00 02**	10
polar white glossy	**1233 00 69**	10
stainless steel matt, lacquered	**1233 90 04**	10



Centre plate with imprinted symbol curve for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing
- for earpiece and volume control

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120C 73120H

Design	Order no.	PU
white glossy	**1300 00 02**	10
polar white glossy	**1300 00 69**	10
stainless steel matt, lacquered	**1300 90 14**	10



Centre plate with imprint “0 - 1 - 2 - 3 - 4 - 5” for small sound system

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

- centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 90, 99 / clino phon 95	73120A

Design	Order no.	PU
white glossy	**1301 00 02**	10
polar white glossy	**1301 00 69**	10
stainless steel matt, lacquered	**1301 90 04**	10



Centre plate with microphone for interface unit

For detailed information on relevant articles (including art. no.) of other manufacturers, please see the Berker online catalogue.

– centre plate for plug-in fixing

Manufacturer product line	Art. No.
Nurse call systems	
Ackermann: clino opt 99 / clino phon 95	71049A 71048A

Design	Order no.	PU
white glossy	**1302 00 02**	1
polar white glossy	**1302 00 69**	1
stainless steel matt, lacquered	**1302 90 04**	1

Frames

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.



Frame

i 917

Design	Order no.	PU
white glossy, 1gang	**1313 00 02**	10
white glossy, 2gang vertical	**1323 00 02**	2
white glossy, 3gang vertical	**1333 00 02**	2
white glossy, 4gang vertical	**1343 00 02**	2
white glossy, 5gang vertical	**1353 00 02**	2
white glossy, 2gang horizontal	**1363 00 02**	2
white glossy, 3gang horizontal	**1373 00 02**	2
white glossy, 4gang horizontal	**1383 00 02**	2
white glossy, 5gang horizontal	**1393 00 02**	2



Frame

i 917

Design	Order no.	PU
polar white glossy, 1gang	**1313 00 69**	10
polar white glossy, 2gang vertical	**1323 00 69**	2
polar white glossy, 3gang vertical	**1333 00 69**	2
polar white glossy, 4gang vertical	**1343 00 69**	2
polar white glossy, 5gang vertical	**1353 00 69**	2
polar white glossy, 2gang horizontal	**1363 00 69**	2
polar white glossy, 3gang horizontal	**1373 00 69**	2
polar white glossy, 4gang horizontal	**1383 00 69**	2
polar white glossy, 5gang horizontal	**1393 00 69**	2



Frame

i 917

Design	Order no.	PU
brown glossy, 1gang	**1313 00 01**	10
brown glossy, 2gang vertical	**1323 00 01**	2
brown glossy, 3gang vertical	**1333 00 01**	2
brown glossy, 4gang vertical	**1343 00 01**	2
brown glossy, 5gang vertical	**1353 00 01**	2
brown glossy, 2gang horizontal	**1363 00 01**	2
brown glossy, 3gang horizontal	**1373 00 01**	2
brown glossy, 4gang horizontal	**1383 00 01**	2
brown glossy, 5gang horizontal	**1393 00 01**	2



Frame

i 917

Design	Order no.	PU
light bronze matt, aluminium lacquered, 1gang	**1314 00 01**	10
light bronze matt, aluminium lacquered, 2gang vertical	**1324 00 01**	2
light bronze matt, aluminium lacquered, 3gang vertical	**1334 00 01**	2
light bronze matt, aluminium lacquered, 4gang vertical	**1344 00 01**	2
light bronze matt, aluminium lacquered, 5gang vertical	**1354 00 01**	2
light bronze matt, aluminium lacquered, 2gang horizontal	**1364 00 01**	2
light bronze matt, aluminium lacquered, 3gang horizontal	**1374 00 01**	2
light bronze matt, aluminium lacquered, 4gang horizontal	**1384 00 01**	2
light bronze matt, aluminium lacquered, 5gang horizontal	**1394 00 01**	2



Frame

i 917

Suitable for — **Order no.** 1056 00 — **Page** 441

Design	Order no.	PU
Stainless steel, metal matt finish, 1gang	**1314 00 04**	10
Stainless steel, metal matt finish, 2gang vertical	**1324 00 04**	2
Stainless steel, metal matt finish, 3gang vertical	**1334 00 04**	2
Stainless steel, metal matt finish, 4gang vertical	**1344 00 04**	2
Stainless steel, metal matt finish, 5gang vertical	**1354 00 04**	2
Stainless steel, metal matt finish, 2gang horizontal	**1364 00 04**	2
Stainless steel, metal matt finish, 3gang horizontal	**1374 00 04**	2
Stainless steel, metal matt finish, 4gang horizontal	**1384 00 04**	2
Stainless steel, metal matt finish, 5gang horizontal	**1394 00 04**	2



Frame

i 917

Design	Order no.	PU
gold matt, aluminium anodised, 1gang	**1314 00 02**	10
gold matt, aluminium anodised, 2gang vertical	**1324 00 02**	2
gold matt, aluminium anodised, 3gang vertical	**1334 00 02**	2
gold matt, aluminium anodised, 4gang vertical	**1344 00 02**	2
gold matt, aluminium anodised, 5gang vertical	**1354 00 02**	2
gold matt, aluminium anodised, 2gang horizontal	**1364 00 02**	2
gold matt, aluminium anodised, 3gang horizontal	**1374 00 02**	2
gold matt, aluminium anodised, 4gang horizontal	**1384 00 02**	2
gold matt, aluminium anodised, 5gang horizontal	**1394 00 02**	2



Frame

i 917

– for emphasising special switches, socket outlets, etc.

Design	Order no.	PU
red glossy, 1gang	**1313 00 62**	10
red glossy, 2gang vertical	**1323 00 62**	2
red glossy, 2gang horizontal	**1363 00 62**	2

Surface mounted frames



Frame surface-mounted

Insertion depth 33.5 mm

For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter Dry surface-mounted installation.

Flush-mounted devices can be used with surface-mounted frames for surface-mounted installation.

- entry at top and bottom possible
- with cable and duct entry

Suitable for optional	Order no.	Page
Base plates		page 444
Entries/connectors		page 662

Design	Order no.	PU
white glossy, 1gang	**1029 00 02**	10
white glossy, 2gang	**1030 00 02**	10
white glossy, 3gang	**1031 00 02**	5
polar white glossy, 1gang	**1029 00 69**	10
polar white glossy, 2gang	**1030 00 69**	10
polar white glossy, 3gang	**1031 00 69**	5
brown glossy, 1gang	**1029 00 01**	10
brown glossy, 2gang	**1030 00 01**	10
brown glossy, 3gang	**1031 00 01**	5
light bronze matt, lacquered, 1gang	**1029 90 11**	10
light bronze matt, lacquered, 2gang	**1030 90 11**	10
light bronze matt, lacquered, 3gang	**1031 90 11**	5
stainless steel, lacquered, 1gang	**1029 90 04**	10
stainless steel, lacquered, 2gang	**1030 90 04**	10
stainless steel, lacquered, 3gang	**1031 90 04**	5
red glossy, 1gang	**1029 00 62**	10
red glossy, 2gang	**1030 00 62**	10
red glossy, 3gang	**1031 00 62**	5

SCHUKO socket outlets

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1



SCHUKO socket outlet i 853

- enhanced contact protection
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
copper, natural metal	**4735 00 07**	10



SCHUKO socket outlet i 853

- enhanced contact protection
- Screw-in lift terminals
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
copper, natural metal	**4135 00 07**	10

International socket outlet systems

- Connection terminals according to IEC 60884-1
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1



Socket outlet with earthing pin i 853

- enhanced contact protection
- 2pole + earth
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
copper, natural metal	**67 6874 00 07**	10



Socket outlet with earthing pin i 853

- enhanced contact protection
- Screw terminals
- 2pole + earth
- with screw terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
copper, natural metal	**67 6574 00 07**	10

Covers for switches/push-buttons

Rockers



Rocker

- for change-over/intermediate switch
- for rocker push-buttons
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Design	Order no.	PU
copper, natural metal	**1405 00 07**	10

Multiple Rockers



Rocker 2gang

- also for KNX applications: push-button, 2gang, and group push-button, 2gang

Design	Order no.	PU
copper, natural metal	**1434 00 07**	10

Covers for blind switches/push-buttons



Rocker 2gang with imprinted arrow symbol

- also for KNX applications: push-button, 2gang

Suitable for	Order no.	Page
Blind series switch 1pole	5035 20	112
Blind series switch 1pole	3035 20	112

Design	Order no.	PU
copper, natural metal	**1434 01 07**	10



Rocker 2gang with imprinted arrows symbol

- also for KNX applications: group push-button, 2gang

Suitable for	Order no.	Page
Group series push-button, 4 NO contacts, common input terminal	5034 04	29
Group push-button 2gang	7514 21 00	763

Design	Order no.	PU
copper, natural metal	**1434 03 07**	10

Frames



Frame

- for vertical and horizontal mounting

Design	Order no.	PU
copper, natural metal, 1gang	**1313 00 07**	10
copper, natural metal, 2gang vertical	**1323 00 07**	2
copper, natural metal, 2gang horizontal	**1363 00 07**	2
copper, natural metal, 3gang vertical	**1333 00 07**	2
copper, natural metal, 3gang horizontal	**1373 00 07**	2

Berker R.1/R.3

A brilliant tradition. A global model of success. And a great heritage, that we need to protect and further develop. Around a century after we built the first switch with a circular profile, we now are opening the next chapter. With the switch programmes Berker R.1 and Berker R.3, which the designer Werner Aisslinger created with Berker, we carry the great tradition of round switches into the future. The Berker R.1 and Berker R.3 are the only programmes on the German market to consistently offer round centre plates universally. We offer both in the surfaces plastic, glass, aluminium and stainless steel, as well as a universal variety of functions. Both series reinterpret the tradition of round operating elements in an unmistakeable way.

- The contemporary rediscovery of round switches
- The only switch programmes with fully round centre plates
- High-quality surface material: plastic in polar white/black (glass, aluminium or stainless steel of 3 mm thickness)
- Basic support made of 7 mm-thick plastic

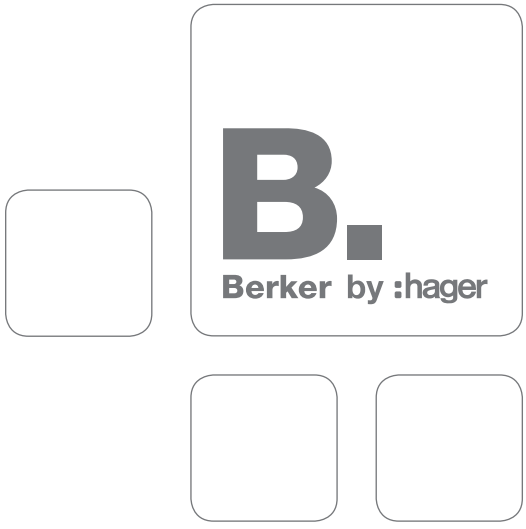


Covers / Central inserts

Plastic, glossy

polar white	similar to RAL 9010
black	similar to RAL 9005

Schuko socket outlets	458
International socket outlet systems	461
Covers for switches/push-buttons	463
Timers	465
New electronics platform	466
Covers for dimmers	468
Covers for blind switches/push-buttons	468
HAVAC controllers and covers	469
Communication/multimedia technology	470
Covers for pilot lamps	473
Supplementary products	474
Barrier-free construction	474



SCHUKO socket outlets

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

SCHUKO socket outlets

New



SCHUKO socket outlet i 853

Rated voltage 250 V~
Rated current 16 A

- with plug-in terminals

Design	Order no.	PU
polar white glossy	* **4743 20 89**	10
black glossy	* **4743 20 45**	10

New



SCHUKO socket outlet i 853

- enhanced contact protection

- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
polar white glossy	* **4723 20 89**	10
black glossy	* **4723 20 45**	10

New



SCHUKO socket outlet i 853

- Screw-in lift terminals

- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
polar white glossy	* **4143 20 89**	10
black glossy	* **4143 20 45**	10

New



SCHUKO socket outlet i 853

- enhanced contact protection
- Screw-in lift terminals

- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
polar white glossy	* **4123 20 89**	10
black glossy	* **4123 20 45**	10

New



SCHUKO socket outlet 45°

i 853

Rated voltage	250 V~
Rated current	16 A

- for diagonal installation
- with plug-in terminals

Specially suited to combinations of several socket outlets if right angle plugs are used.

Design	Order no.	PU
polar white glossy	* **4727 20 89**	10
black glossy	* **4727 20 45**	10

New



SCHUKO socket outlet with LED orientation light

i 853

- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx

- additional benefit by combination of a socket outlet with an orientation light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- through-wiring possible, therefore also ideal for retrofitting
- long service life of the LED
- white LED light
- with screw-in lift terminals

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

Design	Order no.	PU
polar white glossy	* **4109 20 89**	10
black glossy	* **4109 20 45**	10

New



SCHUKO socket outlet with control LED

i 853

- enhanced contact protection
- Screw-in lift terminals

- with screw-in lift terminals

Rated voltage	250 V~
Rated current	16 A

Design	Order no.	PU
polar white glossy	* **4110 20 89**	10
black glossy	* **4110 20 45**	10

New



Double SCHUKO socket outlet with cover plate

i 853

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

- with plug-in terminals

For installation in 1gang wall boxes according to according to DIN 49073-1

Design	Order no.	PU
Berker R.1		
polar white glossy	* **4728 20 89**	10
black glossy	* **4728 20 45**	10

New



Double SCHUKO socket outlet with cover plate i 853

- enhanced contact protection

– with plug-in terminals

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

For installation in 1gang wall boxes according to according to DIN 49073-1

Design	Order no.	PU
Berker R.1		
polar white glossy	* **4729 20 89**	10
black glossy	* **4729 20 45**	10



Double SCHUKO socket outlet with cover plate i 853

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

– with plug-in terminals

For installation in 1gang wall boxes according to according to DIN 49073-1

Design	Order no.	PU
Berker R.3		
polar white glossy	**4753 70 09**	10
black glossy	**4753 70 05**	10

New



Combination SCHUKO socket outlet 2gang with frame i 853

Rated voltage	250 V~
Rated current	16 A

– without spreader claws
– 2 x 1gang, wired-through
– with plug-in terminals

For installation in cable duct wall boxes and in standard, commercially-available 2gang hollow wall boxes, also in 2gang flush-mounted boxes.

Design	Order no.	PU
Berker R.3		
polar white glossy	* **4720 20 89**	5
black glossy	* **4720 20 45**	5

SCHUKO socket outlets with hinged cover

New



SCHUKO socket outlet with hinged cover i 853

- enhanced contact protection

– with self-closing hinged covers
– with imprint
– with plug-in terminals

Rated voltage	250 V~
Rated current	16 A

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 76 00	474

Design	Order no.	PU
polar white glossy	* **4751 20 89**	10
black glossy	* **4751 20 45**	10

New



SCHUKO socket outlet with hinged cover

i 853

- enhanced contact protection
- Installation position variable in 45° steps



Rated voltage 250 V~
Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

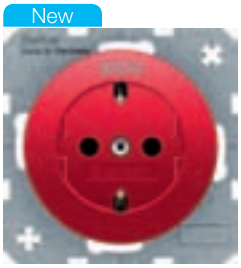
- with self-closing hinged covers
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals



Design	Order no.	PU
polar white glossy	* **4744 20 89**	10
black glossy	* **4744 20 45**	10

SCHUKO socket outlets for special applications

New



SCHUKO socket outlet with imprint

i 853

Rated voltage 250 V~
Rated current 16 A

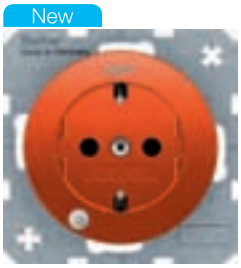
Insert colour-coded.

- with plug-in terminals



Design	Order no.	PU
red glossy, Imprint “EDV”	* **4743 20 22**	10
green glossy, Imprint “SV”	* **4743 20 03**	10
orange glossy, Imprint “ZSV”	* **4743 20 07**	10

New



SCHUKO socket outlet with control LED and imprint

i 853

- enhanced contact protection
- Screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

- with screw-in lift terminals



Design	Order no.	PU
red glossy, Imprint “EDV”	* **4110 20 22**	10
green glossy, Imprint “SV”	* **4110 20 03**	10
orange glossy, Imprint “ZSV”	* **4110 20 07**	10

International socket outlet systems

- Connection terminals according to IEC 60884-1
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1

Socket outlets without earthing contact

New



Socket outlet without earthing contact

i 853

Rated voltage 250 V~
Rated current 16 A
Mirror depth 8 mm

- 2pole
- without spreader claws
- with plug-in terminals



Design	Order no.	PU
polar white glossy	* **61 6703 20 89**	10
black glossy	* **61 6703 20 45**	10

Socket outlets with earthing pin

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.

New



Socket outlet with earthing pin

- enhanced contact protection

– 2pole + earth
– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

i 853

Design	Order no.	PU
polar white glossy	* 67 6876 20 89	10
black glossy	* 67 6876 20 45	10

New



Socket outlet with earthing pin

- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

i 853

Design	Order no.	PU
polar white glossy	* 67 6576 20 89	10
black glossy	* 67 6576 20 45	10

New



Socket outlet with earth contact pin and monitoring LED

- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

i 853

Design	Order no.	PU
polar white glossy	* 67 6509 20 89	10
black glossy	* 67 6509 20 45	10

New



Socket outlet with earthing pin and hinged cover

- enhanced contact protection
- Screw-in lift terminals

– with self-closing hinged covers
– 2pole + earth
– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm

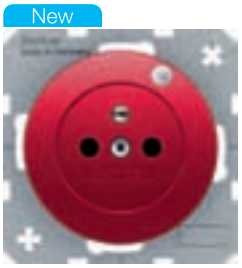
i 853

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 76 00	474

Design	Order no.	PU
polar white glossy	* 67 6583 20 89	10
black glossy	* 67 6583 20 45	10

SCHUKO socket outlets for special applications

New



Socket outlet with earth contact pin and monitoring LED

i 853

- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
red glossy	* **67 6509 20 22**	10
green glossy	* **67 6509 20 03**	10
orange glossy	* **67 6509 20 07**	10

Covers for switches/push-buttons

Rockers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.

New



Rocker

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	474

Design	Order no.	PU
polar white glossy	* **1620 20 89**	10
black glossy	* **1620 20 45**	10

New



Rocker with imprinted symbol for light

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	474

Design	Order no.	PU
polar white glossy, with imprinted symbol for light	* **1620 20 79**	10
black glossy, with imprinted symbol for light	* **1620 20 35**	10

New



Rocker with imprinted symbol for bell

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	474

Design	Order no.	PU
polar white glossy, with imprinted symbol for bell	* **1620 20 69**	10
black glossy, with imprinted symbol for bell	* **1620 20 25**	10

New

Rocker with imprinted symbol for door opener



- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	474

Design	Order no.	PU
polar white glossy, with imprinted symbol for door opener	* **1620 20 59**	10
black glossy, with imprinted symbol for door opener	* **1620 20 15**	10

New

Rocker

- Clear lens





- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	474

Design	Order no.	PU
polar white glossy	* **1621 20 89**	10
black glossy	* **1621 20 45**	10

New

Rocker with imprinted symbol for light

- Clear lens





- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	474

Design	Order no.	PU
polar white glossy	* **1621 20 79**	10
black glossy	* **1621 20 35**	10

Rockers for multi-pole rocker switches

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.

New

Rocker with imprint “0”



Suitable for	Order no.	Page
Multi-pole rocker switches		page 26
optional		
Sealing set for switches/push-buttons	1010 77 00	474

Design	Order no.	PU
polar white glossy	* **1622 20 89**	10
black glossy	* **1622 20 45**	10

New

Rocker with imprint “0”

- Clear lens





- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

Suitable for	Order no.	Page
Multi-pole rocker switches		page 26
optional		
Sealing set for switches/push-buttons	1010 77 00	474

Design	Order no.	PU
polar white glossy	* **1624 20 89**	10
black glossy	* **1624 20 45**	10

Multiple Rockers

New



Rocker 2gang

– also for KNX applications: push-button, 2gang, and group push-button, 2gang

Suitable for	Order no.	Page
Rocker switches, 2gang		page 28
Series push-buttons		page 29

Design	Order no.	PU
polar white glossy	* 1623 20 89	10
black glossy	* 1623 20 45	10

New



Rocker 2gang

- Clear lens



– for illumination and monitoring circuit
– also for KNX applications: push-button, 2gang, and group push-button, 2gang

Suitable for	Order no.	Page
Rocker switches, 2gang		page 28
Series push-buttons		page 29

Design	Order no.	PU
polar white glossy	* 1627 20 89	10
black glossy	* 1627 20 45	10

New



Rocker 3gang

Suitable for	Order no.	Page
On/off switch 3gang	6330 23	31

Design	Order no.	PU
polar white glossy	* 1665 20 89	10
black glossy	* 1665 20 45	10

Centre plates for pullcord switches/pullcord push-buttons

New



Centre plate for pullcord switch/pullcord push-button

Suitable for	Order no.	Page
Pullcord switch off/change-over	3966	32
Pullcord push-button, change-over contact with separate signal contact	3956 19	32

Design	Order no.	PU
polar white glossy	* 1146 20 89	10
black glossy	* 1146 20 45	10

Timers

Centre plates for mechanical timer

New



Centre plate for mechanical timer

– with time scale symbol imprint

Suitable for	Order no.	Page
Mechanical time switches		page 35

Design	Order no.	PU
with time scale 15 min		
polar white glossy	* 1632 20 89	1
black glossy	* 1632 20 45	1
with time scale 120 min		
polar white glossy	* 1633 20 89	1
black glossy	* 1633 20 45	1

New



New electronics platform

Buttons for switches/dimmers

New



Button 1gang

Operating voltage via insert

- with 2-push-buttons operation concept
- low intrinsic energy requirement

Suitable for	Order no.	Page
Switch insert 1gang	8512 11 00	49
Relay insert	8512 12 00	48
Touch dimmer (R, L)	8542 11 00	51
Universal touch dimmer 1gang	8542 12 00	51



Design	Order no.	PU
polar white glossy [1]	* **8514 11 39**	1
black glossy [1]	* **8514 11 31**	1

[1] no dismantling protection possible

New



Button 2gang

Operating voltage via insert

- with 2-push-buttons operation concept per series
- low intrinsic energy requirement

Suitable for	Order no.	Page
Switch insert 2gang	8512 22 00	50
Universal touch dimmer 2gang	8542 21 00	52



Design	Order no.	PU
polar white glossy [1]	* **8514 21 39**	1
black glossy [1]	* **8514 21 31**	1

[1] no dismantling protection possible

Motion detector covers

New



IR Motion detector comfort

Delay time, adjustable ≈ 10 s ... 30 min
Response brightness, adjustable ≈ 5 ... 1000 lx, ∞ lx (day)

- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- with button for on/off/automatic
- step operation with immunity time (e.g. for stair light/ impact current circuits)
- low intrinsic energy requirement

Suitable for	Order no.	Page
Inserts		page 84

Design	Order no.	PU
Nominal mounting height 1.1 m		
polar white glossy [1]	* **8534 12 39**	1
black glossy [1]	* **8534 12 31**	1
Nominal mounting height 2.2 m		
polar white glossy [1]	* **8534 22 39**	1
black glossy [1]	* **8534 22 31**	1

[1] no dismantling protection possible

New



Motion detector

Delay time	≈ 180 s
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)

- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- with button for on/off/automatic
- low intrinsic energy requirement

Suitable for	Order no.	Page
Inserts		page 84

Design	Order no.	PU
Nominal mounting height 1.1 m		
polar white glossy [1]	* **8534 11 39**	1
black glossy [1]	* **8534 11 31**	1
Nominal mounting height 2.2 m		
polar white glossy [1]	* **8534 21 39**	1
black glossy [1]	* **8534 21 31**	1

[1] no dismantling protection possible

Blind buttons

New



Blind button

Delay time, adjustable	0 s ... 500 s
Change-over time for change of direction	< 0.6 s
Venetian blind movement time	2 min
Minimum slat adjustment time	≈ 150 ms
Running time	max. 2 min

- memory function for automatic execution of learned up and down times with position
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- low intrinsic energy requirement
- with imprinted symbol arrows

Suitable for	Order no.	Page
Blind insert comfort	8522 11 00	120



Design	Order no.	PU
polar white glossy [1]	* **8524 11 39**	1
black glossy [1]	* **8524 11 31**	1

[1] no dismantling protection possible

Time switches for blinds

New



Blind time switch

- Display



Change-over time for change of direction	< 0.6 s
Minimum slat adjustment time	≈ 150 ms
Running time	2 min
Astronomic time shift	± 2 h
Random number generator	± 15 min
Power reserve	≈ 24 h
Number of operation times for up/down	20

Control using device buttons and programmed switching times.

- with keylock
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- low intrinsic energy requirement
- with automatic summer-/winter time switching (can be switched off)
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- with switchover manual/automatic mode
- 2 independent preset programme memories, individually adaptable

Suitable for	Order no.	Page
Blind insert comfort	8522 11 00	120



Design	Order no.	PU
polar white glossy [1]	* **8574 11 39**	1
black glossy [1]	* **8574 11 31**	1

[1] no dismantling protection possible

Covers for dimmers

Centre plates for rotary dimmers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.

New



Centre plate for rotary dimmer

- Setting knob

Suitable for	Order no.	Page
Rotary dimmers		page 40
Rotary potentiometers DALI		page 44
1-10 V Rotary potentiometers		page 45
optional		
Sealing set for socket outlets/centre plates	1010 76 00	474

Design	Order no.	PU
polar white glossy	* **1137 20 89**	10
black glossy	* **1137 20 45**	10

Covers for blind switches/push-buttons

Rockers with imprint

New



Rocker 2gang with imprinted arrow symbol

– also for KNX applications: push-button, 2gang

Suitable for	Order no.	Page
Switch / push-button for blinds		page 112

Design	Order no.	PU
polar white glossy	* **1625 20 89**	10
black glossy	* **1625 20 45**	10

New



Rocker 2gang with imprinted arrows symbol

– also for KNX applications: group push-button, 2gang

Suitable for	Order no.	Page
Group series push-button, 4 NO contacts, common input terminal	5034 04	29

Design	Order no.	PU
polar white glossy	* **1644 20 89**	10
black glossy	* **1644 20 45**	10

Centre plates for rotary switches for blinds

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.

New



Centre plate with rotary knob for rotary switch for blinds

– with imprint

Suitable for	Order no.	Page
Rotary switch for blinds		page 114
optional		
Sealing set for socket outlets/centre plates	1010 76 00	474
Interlock disk for rotary switch for blinds	1861 01	115

Design	Order no.	PU
polar white glossy	* **1080 20 89**	1
black glossy	* **1080 20 45**	1

HVAC controllers and covers

Thermostat

New



Thermostat, NO contact, with centre plate

- Time-controlled

– for heating or cooling mode

Rated voltage	230 V~
Frequency	50 Hz
Hysteresis, settable	0.1 ... 1 K

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142

i 884

Design	Order no.	PU
polar white glossy	* **2045 20 89**	1
black glossy	* **2045 20 45**	1

New



Thermostat, NO contact, with centre plate, for underfloor heating

- Rocker switch
- External temperature sensor

Rated voltage	230 V~
Frequency	50 Hz

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142
replacement		
Temperature sensor	161	150

i 883

Design	Order no.	PU
polar white glossy	* **2034 20 89**	1
black glossy	* **2034 20 45**	1

New



Temperature controller, change-over contact, with centre plate

Rated voltage	250 V~
Frequency	50/60 Hz

– for heating or cooling mode

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142

i 884

Design	Order no.	PU
polar white glossy	* **2026 20 89**	1
black glossy	* **2026 20 45**	1

New



Temperature controller, NC contact, with centre plate

- Rocker switch

Rated voltage	250 V~
Frequency	50 Hz

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142

i 884

Design	Order no.	PU
polar white glossy	* **2030 20 89**	1
black glossy	* **2030 20 45**	1

Rockers for heating emergency switches

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.

New



Rocker with imprint “Heizung Notschalter”

- Clear lens

– for monitoring circuit
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	474

Design	Order no.	PU
polar white glossy	* **1621 20 49**	10

Centre plates for air conditioner/fan controllers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.

New



Centre plate with rotary knob for 3-step switch

Suitable for	Order no.	Page
3-step switch	3861 ..	146
optional		
Sealing set for socket outlets/centre plates	1010 76 00	474

Design	Order no.	PU
without 0-position, imprint 2-1-3		
polar white glossy	* **1084 20 89**	1
black glossy	* **1084 20 45**	1
with 0-position, imprint 0-1-2-3		
polar white glossy	* **1096 20 89**	1
black glossy	* **1096 20 45**	1

New



New



Centre plate for speed controller

- Setting knob

– with imprinted symbol curve

Suitable for	Order no.	Page
Speed controllers	2968 01	147
optional		
Sealing set for socket outlets/centre plates	1010 76 00	474

Axis dimension Ø 4 mm

Design	Order no.	PU
polar white glossy	* **1137 20 79**	10
black glossy	* **1137 20 35**	10

Communication/multimedia technology

Covers data-/telecommunication

New



Centre plate with TAE cut-out

– also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
230 V USB charging socket outlet	2600 0 ..	173
Loudspeaker connection box	4572 ..	174
Stereo loudspeaker connection box	4573 ..	174
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584	163
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	162

Design	Order no.	PU
polar white glossy	* **1038 20 89**	10
black glossy	* **1038 20 45**	10

New



Centre plate for FCC socket outlet

- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

Suitable for	Order no.	Page
UAE socket outlets 1gang		page 157

Design	Order no.	PU
polar white glossy	* **1407 20 89**	10
black glossy	* **1407 20 45**	10

New



Centre plate for FCC socket outlet 2gang

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

Suitable for	Order no.	Page
UAE socket outlets 2gang		page 160

Design	Order no.	PU
polar white glossy	* **1409 20 89**	10
black glossy	* **1409 20 45**	10

New



Centre plate with dust protection slider

- for supporting plates with coloured mounting device, 1gang, order no. 4540 .., see COMMUNICATION/ MULTIMEDIA TECHNOLOGY

Design	Order no.	PU
polar white glossy	* **1170 20 89**	10
black glossy	* **1170 20 45**	10

New



Centre plate with 2 dust protection sliders

- for supporting plates with coloured mounting devic- es, 2gang, order no. 4541 .., see COMMUNICATION/ MULTIMEDIA TECHNOLOGY

Design	Order no.	PU
polar white glossy	* **1181 20 89**	10
black glossy	* **1181 20 45**	10

Covers for aerial sockets

New



Centre plate for aerial socket 2-/3hole

- with knock out SAT input

Suitable for	Order no.	Page
Aerial sockets		page 154

Design	Order no.	PU
polar white glossy	* **1203 20 89**	10
black glossy	* **1203 20 45**	10

New



Centre plate for aerial socket 4hole (Ankaro)

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- with 2 additional SAT outputs (F-sockets)

Suitable for	Order no.	Page
Aerial socket 4hole single box	4594	156

Design	Order no.	PU
polar white glossy	* **1484 20 89**	10
black glossy	* **1484 20 45**	10

Central plates for signalling and command units

New



Centre plate with installation opening Ø 22.5 mm

Installation aperture according to IEC 60947-5-1

– with cut-out dia. 22.5 mm

Design	Order no.	PU
polar white glossy	* **1432 20 89**	10
black glossy	* **1432 20 45**	10
yellow glossy	* **1432 20 06**	10

Covers Audio

New



Centre plate for loudspeaker socket outlet

– 1 knock out opening

Suitable for	Order no.	Page
Entry for small connector	4505 ..	176

Design	Order no.	PU
polar white glossy	* **1196 20 89**	10
black glossy	* **1196 20 45**	10

Video socket outlets

New



VGA

VGA socket outlet

i 914

Frequency range video max. 160 MHz
Resolution max. 1280 x 1024 px

– with 15pole D-subminiature double jack
– S-VGA compatible

Design	Order no.	PU
with double jack		
polar white glossy	* **33 1540 20 89**	10
black glossy	* **33 1540 20 45**	10
back side, with screw-in lift terminals		
polar white glossy [1)]	* **33 1541 20 89**	10
black glossy [1)]	* **33 1541 20 45**	10

[1)] for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²

Multimedia sockets

New



S-Video CINCH

3 x Cinch/S-Video socket outlet

i 914

Frequency range audio 20 ... 20000 Hz
Frequency range video max. 160 MHz

– gold-plated contacts
– 1 cinch double jack for video connection (yellow)
– 2 cinch double jacks for audio connection (red, white)
– S-Video double jack

Design	Order no.	PU
polar white glossy	* **33 1532 20 89**	10
black glossy	* **33 1532 20 45**	10

New



HDMI

High definition socket outlet

914

Transmission rate	max. 8.16 Gbit/s	– gold-plated contacts
Resolution	max. 1920 x 1080 px	– with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)

Design	Order no.	PU
back side, with straight socket		
polar white glossy	* **33 1542 20 89**	10
black glossy	* **33 1542 20 45**	10
back side, with 90° angle socket		
polar white glossy	* **33 1543 20 89**	10
black glossy	* **33 1543 20 45**	10

New



USB/3.5 mm audio socket outlet

914

USB transmission rate	max. 480 Mbit/s	– double jack gold-plated 3.5 mm, stereo
Frequency range audio	20 ... 20000 Hz	– USB double jack type A, USB 2.0 capable

Design	Order no.	PU
polar white glossy	* **33 1539 20 89**	10
black glossy	* **33 1539 20 45**	10

Covers for pilot lamps

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.

New



Centre plate for push-button/pilot lamp E10

Cut-out Ø 27.2 mm – centre plate for plug-in fixing

Suitable for	Order no.	Page
Covers and push-buttons		page 71
LED lamp E10		page 70
Neon lamp E10		page 71
Push-button/pilot lamp E10, NO contact	5101 ..	63

Design	Order no.	PU
polar white glossy	* **1124 20 89**	10
black glossy	* **1124 20 45**	10

New



Centre plate for pilot lamp E14

For LEDs, incandescent lamps and covers see “Supplementary products”.

Suitable for	Order no.	Page
Covers and push-buttons		page 71
LED lamp E14		page 71
Incandescent lamp E14		page 71
Pilot lamp E14	5131 02	65
optional		
Sealing set for socket outlets/centre plates	1010 76 00	474

Design	Order no.	PU
polar white glossy	* **1198 20 89**	10
black glossy	* **1198 20 45**	10

Supplementary products

Sealings IP44

New



Sealing set for socket outlets/centre plates

Suitable for	Order no.	Page
Centre plates for rotary dimmers		page 468
Centre plates for rotary switches for blinds		page 468
Centre plates for air conditioner/fan controllers		page 470
Centre plate for pilot lamp E14		page 473
Blind plates		page 474
Frame		page 478
Frame		page 484

Design	Order no.	PU
transparent	* **1010 76 00**	1

New



Sealing set for switches/push-buttons

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- with IP44 fixing piece to screw on

Suitable for	Order no.	Page
Rockers		page 463
Rockers for multi-pole rocker switches		page 464
Rockers - barrier-free construction		page 475
Frame		page 478
Frame		page 484

Design	Order no.	PU
transparent	* **1010 77 00**	1

Blind plates

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.

New



Blind plug with centre plate

- on supporting plate without cut-out
- centre plate for plug-in fixing
- without spreader claws

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 76 00	474

Design	Order no.	PU
polar white glossy	* **1009 20 89**	20
black glossy	* **1009 20 45**	20

Barrier-free construction

The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

SCHUKO socket outlets

New



SCHUKO socket outlet with hinged cover for barrier-free construction

i 853

- Tactile symbol
- enhanced contact protection

- with self-closing hinged covers
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Connection terminals according to IEC 60884-1

Design	Order no.	PU
polar white glossy	* **4744 20 79**	10

Rockers - barrier-free construction

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.

New

Rocker for barrier-free construction



- Guide for mouth rod
- Clear lens

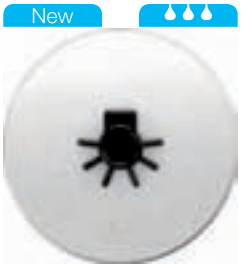
– for illumination and monitoring circuit
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	474

Design	Order no.	PU
polar white glossy	* **1661 20 49**	10

New

Rocker for barrier-free construction



- Tactile light symbol
- Clear lens

– for illumination and monitoring circuit
– also for KNX applications: push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	474

Design	Order no.	PU
polar white glossy	* **1651 20 49**	10

New

Rocker for barrier-free construction



- Tactile bell symbol
- Clear lens

– for illuminated rocker push-buttons
– also for KNX applications: push-button, 1gang

Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	474

Design	Order no.	PU
polar white glossy	* **1651 20 89**	10

New

Rocker for barrier-free construction



- Tactile symbol for door opener
- Clear lens

– for illuminated rocker push-buttons
– also for KNX applications: push-button, 1gang

Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	474

Design	Order no.	PU
polar white glossy	* **1651 20 69**	10

Berker R.1

It stands unmistakably in the tradition of great switch programmes. And still, the Berker R.1 interprets the round radius anew in its own way. With its soft frame contour and a variety of functional versions, the soft round switch is an ideal accompaniment for all residential and furnishing projects.

- Great novelty in the tradition of major switch programmes
- Soft frame contour, wide range of function variants
- High-quality surface material: plastic in polar white/black (glass, aluminium or stainless steel of 3 mm thickness)
- Basic support made of 7 mm-thick plastic

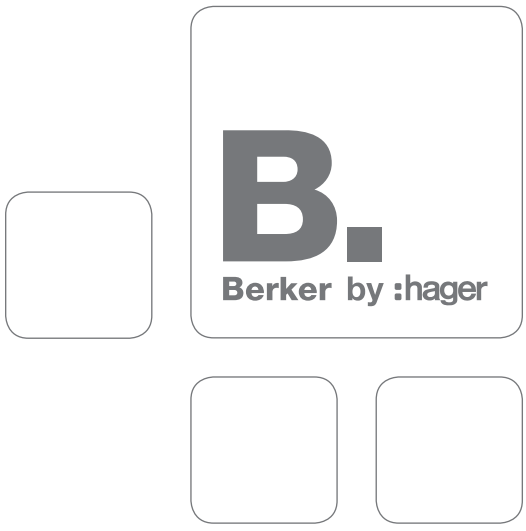


Frames

Plastic, glossy
polar white similar to RAL 9010
black similar to RAL 9005

Glass
polar white similar to RAL 9010
black similar to RAL 9005

Metal
aluminium, natural anodised
stainless steel, matt finish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Frames

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

New



Frame i 918

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page
				page 474
polar white glossy, 1gang	* 1011 21 89			10
polar white glossy, 2gang	* 1012 21 89			2
polar white glossy, 3gang	* 1013 21 89			2
polar white glossy, 4gang	* 1014 21 89			2
polar white glossy, 5gang	* 1015 21 89			2

New



Frame i 918

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page
				page 474
black glossy, 1gang	* 1011 21 45			10
black glossy, 2gang	* 1012 21 45			2
black glossy, 3gang	* 1013 21 45			10
black glossy, 4gang	* 1014 21 45			2
black glossy, 5gang	* 1015 21 45			2

New



Frame i 918

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page
				page 474
Aluminium/polar white, 1gang	* 1011 21 74			10
Aluminium/polar white, 2gang	* 1012 21 74			10
Aluminium/polar white, 3gang	* 1013 21 74			10
Aluminium/polar white, 4gang	* 1014 21 74			2
Aluminium/polar white, 5gang	* 1015 21 74			2

New



Frame i 918

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page
				page 474
aluminium/black, 1gang	* 1011 21 84			10
aluminium/black, 2gang	* 1012 21 84			10
aluminium/black, 3gang	* 1013 21 84			10
aluminium/black, 4gang	* 1014 21 84			2
aluminium/black, 5gang	* 1015 21 84			2

New



Frame

i 918

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Page	PU
			page 474	
Stainless steel/polar white, 1gang	* 1011 21 14			10
Stainless steel/polar white, 2gang	* 1012 21 14			10
Stainless steel/polar white, 3gang	* 1013 21 14			10
Stainless steel/polar white, 4gang	* 1014 21 14			2
Stainless steel/polar white, 5gang	* 1015 21 14			2

New



Frame

i 918

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Page	PU
			page 474	
Stainless steel/black, 1gang	* 1011 21 04			10
Stainless steel/black, 2gang	* 1012 21 04			10
Stainless steel/black, 3gang	* 1013 21 04			10
Stainless steel/black, 4gang	* 1014 21 04			2
Stainless steel/black, 5gang	* 1015 21 04			2

New



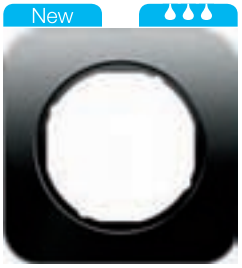
Frame

i 918

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Page	PU
			page 474	
glass polar white , 1gang	* 1011 21 09			10
glass polar white, 2gang	* 1012 21 09			5
glass polar white, 3gang	* 1013 21 09			5
glass polar white, 4gang	* 1014 21 09			1
glass polar white, 5gang	* 1015 21 09			1

New



Frame

i 918

– for vertical and horizontal mounting

Design	Order no.	Suitable for optional Sealings IP44	Page	PU
			page 474	
glass black, 1gang	* 1011 21 16			10
glass black, 2gang	* 1012 21 16			5
glass black, 3gang	* 1013 21 16			5
glass black, 4gang	* 1014 21 16			1
glass black, 5gang	* 1015 21 16			1

New



Frame

- Labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white glossy, 1gang	* 1011 21 79	10
polar white glossy, 2gang vertical	* 1012 21 69	2
polar white glossy, 3gang vertical	* 1013 21 69	2
polar white glossy, 2gang horizontal	* 1012 21 79	2
polar white glossy, 3gang horizontal	* 1013 21 79	2

New



Frame

- Labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
black glossy, 1gang	* **1011 21 35**	10
black glossy, 2gang vertical	* **1012 21 25**	2
black glossy, 3gang vertical	* **1013 21 25**	2
black glossy, 2gang horizontal	* **1012 21 35**	2
black glossy, 3gang horizontal	* **1013 21 35**	2

Berker R.3

The Berker R.3 celebrates the power of contrast: we combine circular centre plates with a continuously cornered frame. Superb side-effect: The Berker R.3 is ideally suited for installation in wall ducts.

- Exciting design (square frame, round centre plates)
- Ideal for installation in wall ducts
- High-quality surface material: plastic in polar white/black (glass, aluminium or stainless steel of 3 mm thickness)
- Basic support made of 7 mm-thick plastic



Frames

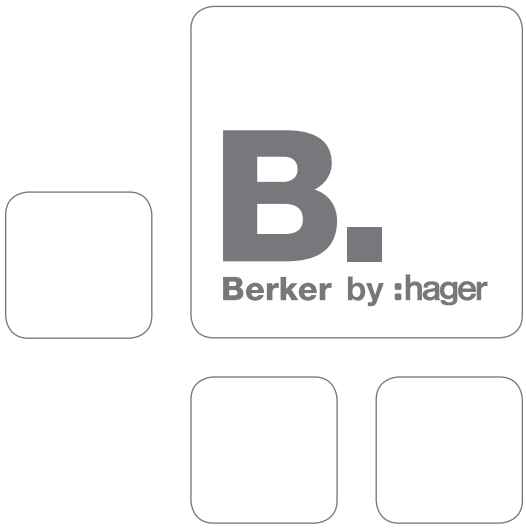
Plastic, glossy
polar white similar to RAL 9010
black similar to RAL 9005

Glass
polar white similar to RAL 9010
black similar to RAL 9005

Metal
aluminium, natural anodised
stainless steel, matt finish

Frames 484

Surface-mounted housings 486



Frames

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set.

New

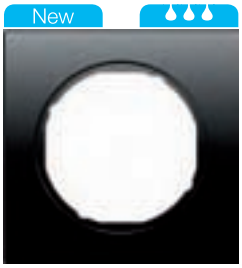


Frame i 918

– for vertical and horizontal mounting

Design	Order no.	PU
	Suitable for optional Sealings IP44	**Order no.**
		Page page 474
polar white glossy, 1gang	* **1011 22 89**	10
polar white glossy, 2gang	* **1012 22 89**	2
polar white glossy, 3gang	* **1013 22 89**	2
polar white glossy, 4gang	* **1014 22 89**	2
polar white glossy, 5gang	* **1015 22 89**	2

New



Frame i 918

– for vertical and horizontal mounting

Design	Order no.	PU
	Suitable for optional Sealings IP44	**Order no.**
		Page page 474
black glossy, 1gang	* **1011 22 45**	10
black glossy, 2gang	* **1012 22 45**	2
black glossy, 3gang	* **1013 22 45**	10
black glossy, 4gang	* **1014 22 45**	2
black glossy, 5gang	* **1015 22 45**	2

New



Frame i 918

– for vertical and horizontal mounting

Design	Order no.	PU
	Suitable for optional Sealings IP44	**Order no.**
		Page page 474
Aluminium/polar white , 1gang	* **1011 22 74**	10
Aluminium/polar white, 2gang	* **1012 22 74**	10
Aluminium/polar white, 3gang	* **1013 22 74**	10
Aluminium/polar white, 4gang	* **1014 22 74**	2
Aluminium/polar white, 5gang	* **1015 22 74**	2

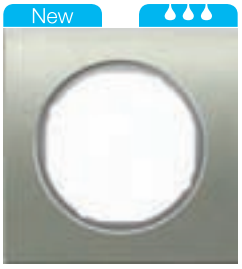
New



Frame i 918

– for vertical and horizontal mounting

Design	Order no.	PU
	Suitable for optional Sealings IP44	**Order no.**
		Page page 474
aluminium/black, 1gang	* **1011 22 84**	10
aluminium/black, 2gang	* **1012 22 84**	10
aluminium/black, 3gang	* **1013 22 84**	10
aluminium/black, 4gang	* **1014 22 84**	2
aluminium/black, 5gang	* **1015 22 84**	2



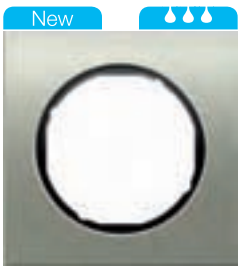
New

Frame

i 918

– for vertical and horizontal mounting

Design	Order no.	PU
	Suitable for optional Sealings IP44	**Page** page 474
Stainless steel/polar white, 1gang	* **1011 22 14**	10
Stainless steel/polar white, 2gang	* **1012 22 14**	10
Stainless steel/polar white, 3gang	* **1013 22 14**	10
Stainless steel/polar white, 4gang	* **1014 22 14**	2
Stainless steel/polar white, 5gang	* **1015 22 14**	2



New

Frame

i 918

– for vertical and horizontal mounting

Design	Order no.	PU
	Suitable for optional Sealings IP44	**Page** page 474
Stainless steel/black, 1gang	* **1011 22 04**	10
Stainless steel/black, 2gang	* **1012 22 04**	10
Stainless steel/black, 3gang	* **1013 22 04**	10
Stainless steel/black, 4gang	* **1014 22 04**	2
Stainless steel/black, 5gang	* **1015 22 04**	2



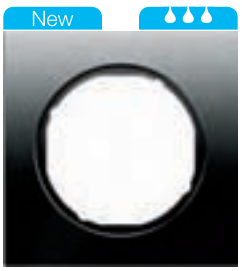
New

Frame

i 918

– for vertical and horizontal mounting

Design	Order no.	PU
	Suitable for optional Sealings IP44	**Page** page 474
glass polar white, 1gang	* **1011 22 09**	10
glass polar white, 2gang	* **1012 22 09**	5
glass polar white, 3gang	* **1013 22 09**	5
glass polar white, 4gang	* **1014 22 09**	1
glass polar white, 5gang	* **1015 22 09**	1



New

Frame

i 918

– for vertical and horizontal mounting

Design	Order no.	PU
	Suitable for optional Sealings IP44	**Page** page 474
glass black, 1gang	* **1011 22 16**	10
glass black, 2gang	* **1012 22 16**	5
glass black, 3gang	* **1013 22 16**	5
glass black, 4gang	* **1014 22 16**	1
glass black, 5gang	* **1015 22 16**	1



New

Frame

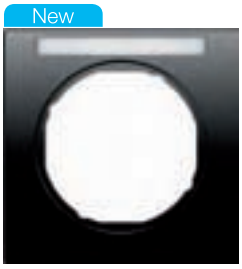
- Labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white glossy, 1gang	* **1011 22 79**	10
polar white glossy, 2gang vertical	* **1012 22 69**	2
polar white glossy, 3gang vertical	* **1013 22 69**	2
polar white glossy, 2gang horizontal	* **1012 22 79**	2
polar white glossy, 3gang horizontal	* **1013 22 79**	2

New



Frame

- Labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
black glossy, 1gang	* **1011 22 35**	10
black glossy, 2gang vertical	* **1012 22 25**	2
black glossy, 3gang vertical	* **1013 22 25**	2
black glossy, 2gang horizontal	* **1012 22 35**	2
black glossy, 3gang horizontal	* **1013 22 35**	2

Surface-mounted housings

New



Housing surface-mounted

Insertion depth 37 mm

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

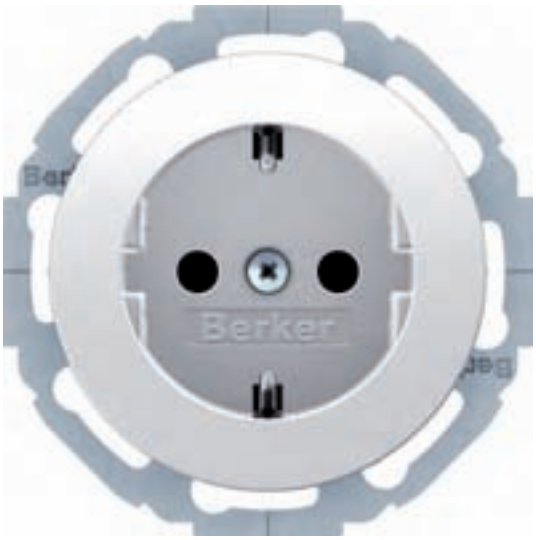
- entry at top and bottom possible
- with cable and duct entry
- for mounting on combustible base surface
- for vertical and horizontal mounting

Design	Order no.	PU
polar white glossy, 1gang	**1041 89 89**	10
polar white glossy, 2gang	**1042 89 89**	5
polar white glossy, 3gang	**1043 89 89**	5
black glossy, 1gang	* **1041 89 35**	10
black glossy, 2gang	* **1042 89 35**	5
black glossy, 3gang	* **1043 89 35**	5

Serie 1930 / Glas / Palazzo /R.classic

Round switch programmes are among the classics of interior furnishing. Berker‘s round programmes, in turn, have permanently influenced switch design. And so the Berker Glass series today stands for switches that are the epitome of understated elegance. The origins of the Berker Serie 1930, in turn, can be traced back to the 1930s. We make the porcelain variant together with Rosenthal, Germany‘s most artistic porcelain brand.





Central inserts
Serie 1930 / Serie Glas / Serie Palazzo

Plastic, glossy
polar white similar to RAL 9010
black similar to RAL 8022

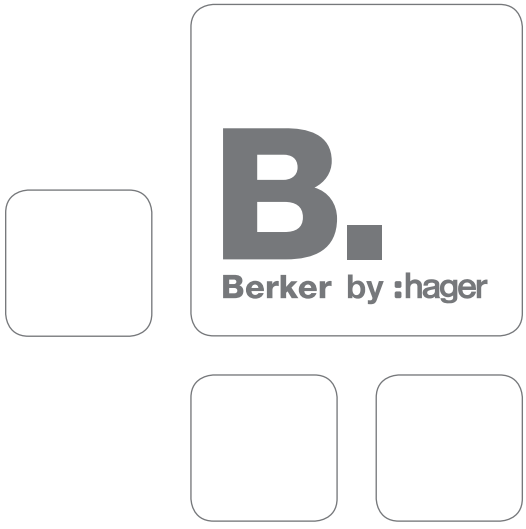
Metal toggle
brass, clear vanished
brass, chrome-plated

Serie R.classic

Plastic, glossy
polar white similar to RAL 9010
black similar to RAL 8022

All switches/push-buttons combinable with rotary toggle in polar white or black (incl. centre plate), chrome or brass

Schuko socket outlets	490
International socket outlet systems	491
Switches/push-buttons	492
Rotary dimmers	496
Blind switches/push-buttons	497
Communication/multimedia technology	498
USB charging sockets	507
Pilot lamps	507
Supplementary products	508



SCHUKO socket outlets

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1



SCHUKO socket outlet i 853

- Installation position variable in 45° steps
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A



New



Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy	**4745 20**	10
black glossy	**4745 21**	10
Berker Serie R.classic		
polar white glossy	* **4745 20 89**	10
black glossy	* **4745 20 45**	10



SCHUKO socket outlet i 853

- enhanced contact protection
- Installation position variable in 45° steps
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A



New



Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy	**4755**	10
black glossy	**4755 01**	10
Berker Serie R.classic		
polar white glossy	* **4755 20 89**	10
black glossy	* **4755 20 45**	10



SCHUKO socket outlet i 853

- Installation position variable in 45° steps
- Screw-in lift terminals
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A



New



Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy	**4145 20**	10
black glossy	**4145 21**	10
Berker Serie R.classic		
polar white glossy	* **4145 20 89**	10
black glossy	* **4145 20 45**	10

New



SCHUKO socket outlet with LED orientation light

i 853

- enhanced contact protection
- Screw-in lift terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Power consumption	0,25 W/0,35 VA
Switch-off brightness	ca. 4 lx
Switch-on brightness	ca. 2 lx
Light intensity (white)	0.2 cd

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

- additional benefit by combination of a socket outlet with an orientation light
- long service life of the LED
- white LED light
- integrated brightness sensor that switches the orientation light on at twilight and off when there is sufficient brightness
- with screw-in lift terminals
- through-wiring possible, therefore also ideal for retrofitting

Design	Order no.	PU
Berker Serie R.classic		
polar white glossy	* **4109 20 89**	10
black glossy	* **4109 20 45**	10

SCHUKO socket outlets with hinged cover

New



SCHUKO socket outlet with hinged cover

i 853

- enhanced contact protection
- Installation position variable in 45° steps

Rated voltage	250 V~
Rated current	16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

- with self-closing hinged covers
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

Design	Order no.	PU
Berker Serie R.classic		
polar white glossy	* **4744 20 89**	10
black glossy	* **4744 20 45**	10

International socket outlet systems

- Connection terminals according to IEC 60884-1
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1

Socket outlets with earthing pin



Socket outlet with earthing pin

i 853

- Installation position variable in 45° steps
- enhanced contact protection

Rated voltage	250 V~
Rated current	16 A

- 2pole + earth
- with plug-in terminals

Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy	**6768 79**	10
black glossy	**6768 79 01**	10
Berker Serie R.classic		
polar white glossy	* **67 6879 20 89**	10
black glossy	* **67 6879 20 45**	10

New





Socket outlet with earthing pin

i 853

- Installation position variable in 45° steps
- enhanced contact protection
- Screw-in lift terminals

– 2pole + earth
– with screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A

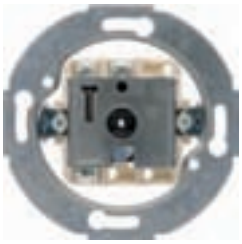
Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy	**6765 79**	10
black glossy	**6765 79 01**	10
Berker Serie R.classic		
polar white glossy	* **67 6579 20 89**	10
black glossy	* **67 6579 20 45**	10

New



Switches/push-buttons

Rotary switch



Rotary switch

Rated voltage 250 V~
Switching current 10 AX

– with screw terminals

Switching sequence e.g. for clockwise series switch: 0 > 1 > 1+2 > 2 > 0



Design	Order no.	PU
Rotary switch, change-over	**3876 00**	1
Rotary switch, intermediate	**3877 00**	1
Rotary switch, series	**3875 00**	1



Rotary switch, 2pole off

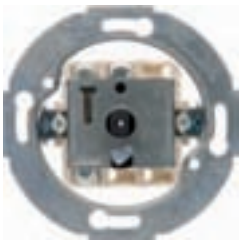
Rated voltage 250 V~
Switching current 10 AX

– with screw terminals



Design	Order no.	PU
Rotary switch, 2pole off	**3893 00**	1

Spring-return push-button



Spring-return push-button, NC contact + NO contact

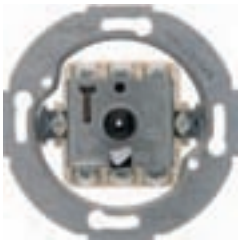
Rated voltage 250 V~
Momentary-contact current 10 A

– with screw terminals

Without centre plate also suitable for mounting with glass and decor cover plates.



Design	Order no.	PU
Spring-return push-button, NC contact + NO contact	**3846 00**	1



Group spring-return push-button 2pole, isolated input terminals

- 0 position

Rated voltage 250 V~
Momentary-contact current 10 A

Without centre plate also suitable for mounting with glass and decor cover plates.

- also suitable as series push-button for blinds
- with screw terminals

Design	Order no.	PU
Group spring-return push-button 2pole, isolated input terminals	**3838 00**	1

Centre plates for switches/push-buttons



Centre plate with toggle

- for rotary switches and spring-return push-buttons
- of plastic

Design	Order no.	PU
Berker Serie 1930		
polar white glossy	**1647**	1
black glossy	**1647 01**	1



Centre plate with toggle, porcelain

Centre plate of the Serie 1930 Porzellan Made by Rosenthal

- for rotary switches and spring-return push-buttons
- of porcelain

Design	Order no.	PU
Berker Serie 1930 Porzellan made by Rosenthal		
polar white glossy	**1647 69**	1
black glossy	**1647 65**	1

Cover plates for switches/push-buttons



Glass cover plate for rotary switch/spring-return push-button

i 921

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

- toughened glass
- for single mounting
- with polar white plastic base

Suitable for optional	Order no.	Page
Spacer gland	1887	509

Design	Order no.	PU
Berker Serie Glas		
clear glossy	**1090**	10



Glass cover centre plate for rotary switch/spring-return push-button

i 921

Combinations are only to be installed in simple combi boxes.

- toughened glass
- for combination mounting
- with polar white plastic base

Design	Order no.	PU
Berker Serie Glas		
clear glossy	**1095**	10



Glass cover end plate for rotary switch/spring-return push-button

i 921

Combinations are only to be installed in simple combi boxes.

- toughened glass
- for combination mounting
- with polar white plastic base

Design	Order no.	PU
Berker Serie Glas		
clear glossy	**1094**	10



Decor cover plate for rotary switch/spring-return push-button

i 921

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

- for single mounting

Suitable for optional	Order no.	Page
Spacer gland	1887	509

Design	Order no.	PU
Berker Serie Palazzo		
decorative white marble	# **1090 20**	1
decorative black marble	# **1090 22**	10
decorative brown root-wood	# **1090 21**	1



Decor cover centre plate for rotary switch/spring-return push-button

i 921

Combinations are only to be installed in simple combi boxes.

- for combination mounting

Design	Order no.	PU
Berker Serie Palazzo		
decorative white marble	# **1095 10**	10
decorative black marble	# **1095 12**	10
decorative brown root-wood	# **1095 11**	1



Decor cover end plate for rotary switch/spring-return push-button

i 921

Combinations are only to be installed in simple combi boxes.

- for combination mounting

Design	Order no.	PU
Berker Serie Palazzo		
decorative white marble	# **1094 10**	1
decorative black marble	# **1094 12**	1
decorative brown root-wood	# **1094 11**	1



Chrome toggle

- for rotary switch/rotary push-button with toggle

Suitable for	Order no.	Page
Rotary switch		page 492
Spring-return push-button		page 492

Design	Order no.	PU
Berker Serie Glas/Palazzo		
brass, chrome-plated	**1812 01**	1



Brass toggle

- for rotary switch/rotary push-button with toggle

Suitable for	Order no.	Page
Rotary switch		page 492
Spring-return push-button		page 492

Design	Order no.	PU
Berker Serie Glas/Palazzo		
brass, clear varnished	**1812**	1

New



Cover plate with toggle for rotary switch/spring-return push-button

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Caution!
The cover plates may only be mounted without frames.

– plastic

Design	Order no.	PU
Berker Serie R.classic		
polar white glossy	* **1001 20 89**	1
black glossy	* **1001 20 45**	1

New



Cover plate with toggle for rotary switch/spring-return push-button

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Caution!
The cover plates may only be mounted without frames.

Design	Order no.	PU
Berker Serie R.classic		
Aluminium/polar white, luminium anodised	* **1001 20 74**	1
Aluminium/black, aluminium anodised	* **1001 20 84**	1

New



Cover plate with toggle for rotary switch/spring-return push-button

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Caution!
The cover plates may only be mounted without frames.

Design	Order no.	PU
Berker Serie R.classic		
Stainless steel/polar white, metal matt finish	* **1001 20 14**	1
Stainless steel/black, metal matt finish	* **1001 20 04**	1

New



Cover plate with toggle for rotary switch/spring-return push-button

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Caution!
The cover plates may only be mounted without frames.

Design	Order no.	PU
Berker Serie R.classic		
glass polar white	* **1001 20 83**	1
glass black	* **1001 20 55**	1

Rotary dimmer



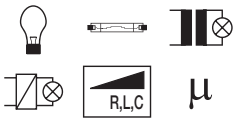
Universal rotary dimmer with centre plate (R, L, C)

i 857

- Soft locking



Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Axis dimension Ø	4 mm



Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

- with input for extension units insert for universal rotary dimmer
- voltage test possible without dismantling
- phase cut-on or cut-off according to load type, self-learning
- with brightness memory
- bulb-preserving soft startup
- with incremental encoder
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with plug-in terminals

Suitable for	Order no.	Page
Power booster built-in (R, L)	2869	60
optional		
Mains decoupler RMD	187 00	74
Mains decoupler comfort RMD	1 8799 01	73
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	59



New



Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy	**2834 10**	1
black glossy	**2834 11**	1
Berker Serie R.classic		
polar white glossy	* **2834 20 89**	1
black glossy	* **2834 20 45**	1



Extension units insert for universal rotary dimmer

i 857

- Soft locking



Operating voltage	230 V~
Frequency	50/60 Hz
Number of substations	max. 5
Axis dimension Ø	4 mm

- as extension unit for universal rotary dimmer
- voltage test possible without dismantling
- with incremental encoder
- centre plate and setting knob
- with plug-in terminals



New



Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy	**2835 10**	1
black glossy	**2835 11**	1
Berker Serie R.classic		
polar white glossy	* **2835 20 89**	1
black glossy	* **2835 20 45**	1

Blind switches/push-buttons

Rotary switch for blinds



Rotary switch for blinds 1pole with centre plate

i 852

- Rotary knobs

– with push lock function
– with neutral-position
– with screw terminals

Rated voltage	250 V~
Switching current	10 A

Follow the motor manufacturers' instructions.

Suitable for optional	Order no.	Page
Interlock disk for rotary switch for blinds		page 497



New



Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy	**3811**	1
black glossy	**3811 01**	1
Berker Serie R.classic		
polar white glossy	* **3811 20 89**	1
black glossy	* **3811 20 45**	1



Rotary switch for blinds 2pole with centre plate

i 852

- Rotary knobs

– with push lock function
– with neutral-position
– with screw terminals

Rated voltage	250 V~
Switching current	10 A

Follow the motor manufacturers' instructions.

Suitable for optional	Order no.	Page
Interlock disk for rotary switch for blinds		page 497



New



Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy	**3812**	1
black glossy	**3812 01**	1
Berker Serie R.classic		
polar white glossy	* **3812 20 89**	1
black glossy	* **3812 20 45**	1



Interlock disk for rotary switch for blinds

– for conversion to rotary push-button for blinds

Suitable for	Order no.	Page
Rotary switch for blinds 2pole with centre plate	3812 ..	497
Rotary switch for blinds 1pole with centre plate	3811 ..	497

Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
Interlock disk for rotary switch for blinds	**1861**	10
Berker R.1/R.3/Serie R.classic		
Interlock disk for rotary switch for blinds	* **1861 01**	10

Communication/multimedia technology

TAE socket outlets



Centre plate with TAE cut-out

- knock out



For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

– also for KNX applications: USB data interface, flush-mounted

Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy, with 2 knock out openings	**1040**	10
black glossy, with 2 knock out openings	**1040 01**	10

New



Centre plate with TAE cut-out

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

– also for KNX applications: USB data interface, flush-mounted

Design	Order no.	PU
Berker Serie R.classic		
polar white glossy	* **1038 20 89**	10
black glossy	* **1038 20 45**	10

FCC socket outlets



FCC socket outlet 8(4)pole, cat.3

i **913**

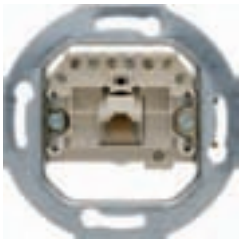
Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Conductor Ø	max. 1 mm
Insertion depth	22 mm
Transition resistance	< 20 mΩ

– for connectors RJ11, RJ12 and RJ45, ISDN-compatible
– with 45° oblique outlet
– with screw terminals

Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

UAE

Design	Order no.	PU
white	**4568**	10



FCC socket outlet 8pole, cat.3

i **913**

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Conductor Ø	max. 1 mm
Insertion depth	22 mm
Transition resistance	< 20 mΩ

– for connectors RJ11, RJ12 and RJ45, ISDN-compatible
– with 45° oblique outlet
– with screw terminals

Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

UAE

Design	Order no.	PU
white	**4538**	10



FCC socket outlet 8pole shielded, cat.5e

913

Rated voltage	72 V=
Rated current	0.75 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 100 MHz
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and cable clamp
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with LSA+ terminals

Cat.5, class D, shielded according to ISO/IEC 11801
cat.5e according to TIA/EIA 568-B.2
Protective screen according to DIN EN 55022, class B
Design to according to DIN EN 60603-7-3
Colour code A and B according to TIA/EIA-568-B.2

UAE

Design	Order no.	PU
FCC socket outlet 8pole shielded, cat.5e	**4554**	10



FCC socket outlet 8pole shielded, cat.6A iso

913

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 500 MHz
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm
Transition resistance	< 20 mΩ

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and cable clamp
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with LSA+ terminals

Cat.6_A iso, Class E_A, shielded according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, class B
Design to according to DIN IEC 60603-7-51
Colour code A and B according to TIA/EIA-568-B.2

UAE

Design	Order no.	PU
FCC socket outlet 8pole shielded, cat.6A iso	**4586**	10



Centre plate for FCC socket outlet

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for 1gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

New



Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy	**1407**	10
black glossy	**1407 01**	10
Berker Serie R.classic		
polar white glossy	* **1407 20 89**	10
black glossy	* **1407 20 45**	10



FCC socket outlet 2x8(4)pole, cat.3

913

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Conductor Ø	max. 1 mm
Insertion depth	22 mm
Transition resistance	< 20 mΩ

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- parallel contacted sockets
- with 45° oblique outlet
- with screw terminals

Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

UAE

Design	Order no.	PU
white	**4562**	10



FCC connection socket outlet 2x8(4)pole, cat.3

913

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Resistor	100 Ω
Conductor Ø	max. 1 mm
Insertion depth	22 mm
Transition resistance	< 20 mΩ

- as socket outlet for ISDN-So-Bus installations
- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- parallel contacted sockets
- for telephone installations as single box
- with 45° oblique outlet
- with screw terminals

Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

UAE

Design	Order no.	PU
white	# **4592**	10



FCC socket outlet 8/8pole, cat.3

913

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Conductor Ø	max. 1 mm
Insertion depth	22 mm
Transition resistance	< 20 mΩ

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

Cat.3 to according to TIA/IAE-568-B.2
Design to according to DIN EN 60603-7

UAE

Design	Order no.	PU
white	**4539**	10



FCC socket outlet 8/8pole shielded, cat.5e

913

Rated voltage	72 V=
Rated current	0.75 A
Transmission bandwidth	max. 100 MHz
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm
Transition resistance	< 20 mΩ

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and cable clamp
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with LSA+ terminals

Cat.5, class D, shielded according to ISO/IEC 11801
cat.5e according to TIA/EIA 568-B.2
Protective screen according to DIN EN 55022, class B
Design to according to DIN EN 60603-7-3
Colour code A and B according to TIA/EIA-568-B.2

UAE

Design	Order no.	PU
FCC socket outlet 8/8pole shielded, cat.5e	**4555**	10



FCC socket outlet 8/8pole shielded, cat.6A iso

913

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and cable clamp
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with LSA+ terminals

Cat.6_A iso, Class E_A, shielded according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, class B
Design to according to DIN IEC 60603-7-51
Colour code A and B according to TIA/EIA-568-B.2

UAE

Design	Order no.	PU
FCC socket outlet 8/8pole shielded, cat.6A iso	**4587**	10



Centre plate for FCC socket outlet 2gang

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for 2gang socket outlet, cat.3, cat.5e and cat.6_A iso
- with 45° oblique outlet

New



Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy	**1409**	10
black glossy	**1409 01**	10
Berker Serie R.classic		
polar white glossy	* **1409 20 89**	10
black glossy	* **1409 20 45**	10



Modular UAE socket outlet 8/8pole shielded, cat.6A iso

912

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	< 20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 500 MHz
Operating temperature	-40 ... +70 °C
Insertion depth	35 mm
Copper conductor (solid) Ø	0.51 ... 0.64 (AWG 24-22) mm
Copper conductor (flexible) Ø	0.4 ... 0.53 (AWG 26) mm

- external eyelets on the supporting ring can be broken off for round designs
- die-cast zinc housing
- only suitable for RJ45 plugs
- with screen contacting 360° and cable clamp
- with straight outlet
- without spreader claws
- suitable for PoE+
- with IDC terminals
- with optional dust protection hinged covers

Cat.6_A iso, Class E_A, shielded according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, class B
Design to according to DIN IEC 60603-7-51
Colour code A and B according to TIA/EIA-568-B.2

UAE

Design	Order no.	PU
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	**4588**	1



Centre plate with TAE cut-out

- knock out

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

– also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
230 V USB charging socket outlet	2600 0 ..	173
Loudspeaker connection box	4572 ..	174
Stereo loudspeaker connection box	4573 ..	174
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584	163
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	162

Design		Order no.	PU
Berker Serie 1930/Glas/Palazzo			
polar white glossy, with 2 knock out openings		**1040**	10
black glossy, with 2 knock out openings		**1040 01**	10

New



Centre plate with TAE cut-out

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

– also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
230 V USB charging socket outlet	2600 0 ..	173
Loudspeaker connection box	4572 ..	174
Stereo loudspeaker connection box	4573 ..	174
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584	163
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	162

Design		Order no.	PU
Berker Serie R.classic			
polar white glossy	*	**1038 20 89**	10
black glossy	*	**1038 20 45**	10

Aerial sockets

New



Aerial socket 2hole single box

i 910

- DC-permeable

– suitable for HDTV
– in star structure or decoupled spur lines
– DC voltage conducting
– for analogue and digital transmission
– for terrestrial reception
– remote supply via output socket
– for community, DVB-T and broadband cable systems
– for single and distributor SAT systems
– with screw terminals

Broadband technology	4 ... 2400 MHz
Wave impedence	75 Ω
For coaxial cables	75 Ω
Attentuation:	
- at 40 … 68 MHz	3.5 dB
- at 87.5 … 108 MHz	3.8 dB
- at 113 … 174 MHz	2.5 dB
- at 174 … 862 MHz	4 dB
- at 950 … 2200 MHz	3 ... 4.9 dB
reverse channel compatible	4 ... 2400 MHz

Not suitable as terminal box.
IEC 169-2 and EN 60728-11
Shielding value according to EMC protection class A

TV

Design		Order no.	PU
Aerial socket 2hole single box	*	**4502 01**	10

New



Aerial socket, 2hole throughpass socket

i 910

Broadband technology	4 ... 2400 MHz
Wave impedence	75 Ω
For coaxial cables	75 Ω
Attentuation:	
- at 5 ... 111 MHz	14 dB
- at 111 ... 862 MHz	15 dB
- at 950 ... 2400 MHz	16 dB
Transmission loss:	
- at 5 ... 111 MHz	1.5 dB
- at 111 ... 862 MHz	1 dB
- at 950 ... 2400 MHz	2.5 dB
reverse channel compatible	4 ... 2400 MHz

- suitable for HDTV
- in tree structure and trunk lines
- with decoupling device
- disables DC voltage
- for analogue and digital transmission
- for terrestrial reception
- for community, DVB-T and broadband cable systems
- for SAT house distributors
- with screw terminals

EN 60728-4, -11
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

TV

Design	Order no.	PU
Aerial socket, 2hole throughpass socket	* **4515 01**	10



Centre plate for aerial socket 2hole

For aerial socket as per according to DIN 45330

Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy	**1039 20**	10
black glossy	**1039 21**	10

New



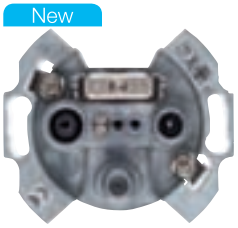
Centre plate for aerial socket 2-/3hole

For aerial socket as per according to DIN 45330

- with knock out SAT input

Design	Order no.	PU
Berker Serie R.classic		
polar white glossy	* **1203 20 89**	10
black glossy	* **1203 20 45**	10

New



Aerial socket 3hole single box

i 910

- DC-permeable

=→=

Broadband technology	5 ... 2400 MHz
Wave impedence	75 Ω
For coaxial cables	75 Ω
Attentuation:	
- at 4 ... 30 MHz	3.5 dB
- at 40 ... 68 MHz	3.5 dB
- at 87.5 ... 108 MHz	3.8 dB
- at 113 ... 174 MHz	3.5 dB
- at 174 ... 862 MHz	4 dB
- at 950 ... 2400 MHz	1.5 ... 3 dB

- suitable for HDTV
- in star structure or decoupled spur lines
- DC voltage conducting
- for analogue and digital transmission
- for terrestrial reception
- remote supply via F-socket
- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- with screw terminals

EN 60728-4, -11
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

TV

Design	Order no.	PU
Aerial socket 3hole single box	* **4522 01**	1

New



Aerial socket 3hole throughpass socket

i 910

Broadband technology	40 ... 2400 MHz
Wave impedence	75 Ω
For coaxial cables	75 Ω
Attentuation:	
- at 1.5 ... 26.1 MHz	11 dB
- at 47 ... 68 MHz	10.5 dB
- at 87.5 ... 108 MHz	10.5 dB
- at 111 ... 174 MHz	10 dB
- at 174 ... 862 MHz	10.5 dB
- at 950 ... 2050 MHz	10.5 dB
Transmission loss:	
- at 1.5 ... 26.1 MHz	1.5 dB
- at 47 ... 68 MHz	1.5 dB
- at 87.5 ... 108 MHz	1.5 dB
- at 111 ... 174 MHz	1 dB
- at 174 ... 862 MHz	2 dB
- at 950 ... 2050 MHz	3 dB

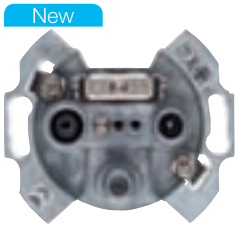
- suitable for HDTV
- in tree structure and trunk lines
- with decoupling device
- disables DC voltage
- for analogue and digital transmission
- for terrestrial reception
- for community, DVB-T and broadband cable systems
- for SAT house distributors without supply voltage, e.g. single-cable solution
- with screw terminals

EN 60728-4, -11
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

TV

Design	Order no.	PU
Aerial socket 3hole throughpass socket	* **4523 01**	1

New



Aerial socket 3hole throughpass socket

i 910

- DC-permeable

=➔=

Broadband technology	40 ... 2400 MHz
Wave impedence	75 Ω
For coaxial cables	75 Ω
Attentuation:	
- at 1.5 ... 26.1 MHz	11 dB
- at 47 ... 68 MHz	10.5 dB
- at 87.5 ... 108 MHz	10.5 dB
- at 111 ... 174 MHz	10 dB
- at 174 ... 862 MHz	10.5 dB
- at 950 ... 2050 MHz	10.5 dB
Transmission loss:	
- at 1.5 ... 26.1 MHz	1.5 dB
- at 47 ... 68 MHz	1.5 dB
- at 87.5 ... 108 MHz	1.5 dB
- at 111 ... 174 MHz	1 dB
- at 174 ... 862 MHz	2 dB
- at 950 ... 2050 MHz	3 dB

- suitable for HDTV
- in tree structure and trunk lines
- with decoupling device
- DC voltage conducting
- for analogue and digital transmission
- for terrestrial reception
- for community, DVB-T and broadband cable systems
- for SAT house distributors
- suitable for unicable
- with screw terminals

In unicable systems, the last antenna socket must be closed with a terminating resistor (available in specialist shops) suitable for DC.
EN 60728-4, -11
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

TV

Design	Order no.	PU
Aerial socket 3hole throughpass socket	* **4593 01**	1



Centre plate for aerial socket 3hole

Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy	**1064 20**	10
black glossy	**1064 21**	10

New



Aerial socket 4hole single box

i 910

- DC-permeable

=→=

Broadband technology	5 ... 2400 MHz
Wave impedence	75 Ω
For coaxial cables	75 Ω
Attentuation:	
- at 0.5 ... 26.1 MHz	2 dB
- at 47 ... 68 MHz	2 dB
- at 87.5 ... 108 MHz	2 dB
- at 120 ... 174 MHz	4.5 dB
- at 174 ... 862 MHz	2 dB
- at 950 ... 2050 MHz	4 dB

EN 60728-4
IEC 169-2 and EN 50083-2
Shielding value according to EMC protection class A

- suitable for HDTV
- in star structure or decoupled spur lines
- DC voltage conducting
- with 2 equal IEC outputs (socket and plug)
- with 2 independent SAT outputs (F-sleeves)
- for analogue and digital transmission
- for terrestrial reception
- also to add SAT programmes in broadband cable systems
- remote supply via F-sockets
- for community and broadband cable systems
- for multi-switch systems
- for single and distributor SAT systems
- for simultaneous connection of radio and TV receiver as well as 2 independent SAT receivers
- with screw terminals

TV

Design	Order no.	PU
Aerial socket 4hole single box	* **4594 01**	1

New



Centre plate for aerial socket 4hole (Ankaro)

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- with 2 additional SAT outputs (F-sockets)

Design	Order no.	PU
Berker Serie R.classic		
polar white glossy	* **1484 20 89**	10
black glossy	* **1484 20 45**	10

Audio socket outlets



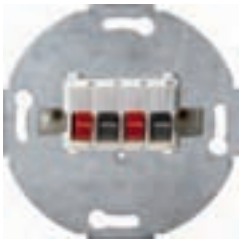
Loudspeaker connection box

i 853

Rated voltage	60 V=
Conductor cross-section	max. 10 mm²

- with plug-in terminals (on backside with screw terminals)

Design	Order no.	PU
polar white matt	**4572 09**	10
anthracite matt	**4572 05**	10



Stereo loudspeaker connection box

i 853

Rated voltage 60 V=
Conductor cross-section max. 10 mm²

- with plug-in terminals (on backside with screw terminals)

Design	Order no.	PU
polar white matt	**4573 09**	10
anthracite matt	**4573 05**	10



Centre plate with TAE cut-out

- knock out

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- also for KNX applications: USB data interface, flush-mounted
- also for TDO socket outlet

Suitable for	Order no.	Page
230 V USB charging socket outlet	2600 ..	173
Loudspeaker connection box	4572 ..	174
Stereo loudspeaker connection box	4573 ..	174

Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy, with 2 knock out openings	**1040**	10
black glossy, with 2 knock out openings	**1040 01**	10

New



Centre plate with TAE cut-out

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
230 V USB charging socket outlet	2600 ..	173
Loudspeaker connection box	4572 ..	174
Stereo loudspeaker connection box	4573 ..	174

Design	Order no.	PU
Berker Serie R.classic		
polar white glossy	* **1038 20 89**	10
black glossy	* **1038 20 45**	10



Insert with centre plate for small connector

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

For flange cover with 22.2 mm hole pitch to according to DIN 41529

- for 1 or 2 connectors
- for diode plug-in devices
- for miniature plug-in devices
- for loudspeaker sockets
- with supporting ring
- 1 knock out opening

Suitable for	Order no.	Page
Loudspeaker socket	1800	175

Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy	**4508 20**	10
black glossy	**4508 21**	10

New



Berker Serie R.classic		
polar white glossy	* **1196 20 79**	10
black glossy	* **1196 20 35**	10



Loudspeaker socket

i 853

Conductor cross-section max. 2.5 mm²

DIN EN 60130-9

- for miniature connector insert
- with screw terminals

Suitable for	Order no.	Page
Stereo loudspeaker socket outlet	4505 01	175
Insert with centre plate for small connector	4508 2 ..	506
Insert with centre plate for small connector	1196 20 ..	506
Entry for small connector	4505	176

Design	Order no.	PU
black	**1800**	10

USB charging socket outlets

New



230 V USB charging socket outlet

- Screw terminals

- for charging mobile end devices via USB cable
- with 2 USB sockets type A
- short-circuit and overload proof (electronic fuse)
- with screw terminals (double for wiring through)

Input voltage	100 ... 240 V~
Frequency	50/60 Hz
Output voltage	5 V= (± 5 %)
Output current per socket	max. 1 A
Output current when operating both sockets	max. 1.4 A
Power consumption (standby)	75 mW
Conductor cross-section (rigid)	max. 2.5 mm²
Insertion depth	32 mm

No data transmission possible!
USB connections according to DIN EN 50558

Design	Order no.	PU
Berker Serie R.classic		
polar white glossy	* **2600 20 89**	1
black glossy	* **2600 20 45**	1

Pilot lamps



Push-button/pilot lamp E10, NO contact, with centre plate

i 852

Rated voltage	250 V~
Momentary-contact current	2 A
Incandescent lamp power	max. 2 W

- for illumination and monitoring circuit
- with screw terminals

Suitable for	Order no.	Page
Neon lamp E10	1601	71
LED lamp E10	1678 ..	70

Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy	**5104**	1
black glossy	**5104 01**	1



Knob for push-button/pilot lamp E10

Suitable for	Order no.	Page
Push-button/pilot lamp E10, NO contact, with centre plate	5104 ..	507

Design	Order no.	PU
polar white glossy	**1225**	10
black glossy	**1225 01**	10
polar white glossy [1]	**1226**	10
polar white glossy [2]	**1227**	10
red, transparent	**1229**	10
clear, transparent	**1229 02**	10

[1] with imprinted symbol for light
[2] with imprinted symbol for bell



Cover for push-button/pilot lamp E10

Suitable for	Order no.	Page
Push-button/pilot lamp E10, NO contact, with centre plate	5104 ..	507

Design	Order no.	PU
clear, transparent	**1221**	10
red, transparent	**1222**	10

Supplementary products

Blind plates



Blind plug with centre plate

- with supporting ring
- centre plate for plug-in fixing
- without spreader claws

Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy	**1009 20**	20
black glossy	**1009 21**	20
Berker Serie R.classic		
polar white glossy	* **1009 20 79**	20
black glossy	* **1009 20 35**	20

New





Blind plug with centre plate, base and spreader claws

- with supporting plate
- centre plate for plug-in fixing
- with spreader claws

Design	Order no.	PU
Berker Serie 1930/Glas/Palazzo		
polar white glossy	**6710 09 20**	10
black glossy	**6710 09 21**	10

Cable outlet



Cable outlet with low installation depth

- space-saving for relays, etc.
- for lines dia. max. 9 mm
- with strain relief
- without terminal block

Suitable for	Order no.	Page
Centre plate for cable outlet	1019 20 ..	171

Design	Order no.	PU
Cable outlet with low installation depth	**4468**	10



Centre plate for cable outlet

	Suitable for Cable outlet with low installation depth	Order no.	Page page 508
Design	Order no.		PU
Berker Serie 1930/Glas/Palazzo			
polar white glossy	**1037**		10
black glossy	**1037 01**		10
Berker Serie R.classic			
polar white glossy	* **1019 20 89**		10
black glossy	* **1019 20 45**		10

New



Mounting accessories



Spacer gland

Spacing enlargement 20 mm – for the new flush-mounted box generation from Kaiser

Matches all boxes with SnapTunnel spouts of make Kaiser for combinations with:
- Full glass cover plates/glass frames of SERIE Glas
- Frames 1gang of SERIE 1930
- Full decor cover plates/decor frames of SERIE Palazzo
- Full cover plates with toggle of SERIE R.classic.

Suitable for	Order no.	Page
Cover plate with toggle for rotary switch/ spring-return push-button	1001 20 ..	495
Glass cover plate for rotary switch/spring-return push-button	1090	493
Decor cover plate for rotary switch/spring-return push-button	1090 2 ..	494
Glass frame 1gang	1091	516
Decor frame	1091 1 ..	520
Frame 1gang	1381 0 ..	512
Frame	1381 6 ..	512

Design	Order no.	PU
Berker Serie 1930/Glas/R.classic		
red	**1887**	100

Serie 1930

Berker and Bauhaus are not only the same age (both were founded in 1919), but they also share the same passion for pure shapes and functionality. Even today, clients and planners love both qualities. And, because of this, the unique, Bauhaus-inspired Berker Serie 1930 can be found not only in timeless, classic buildings, but also in trendy properties, such as the "Casa Camper" in Berlin.

• Available surfaces: glossy in polar white, black





DESIGN PLUS

Frames / Cover plates

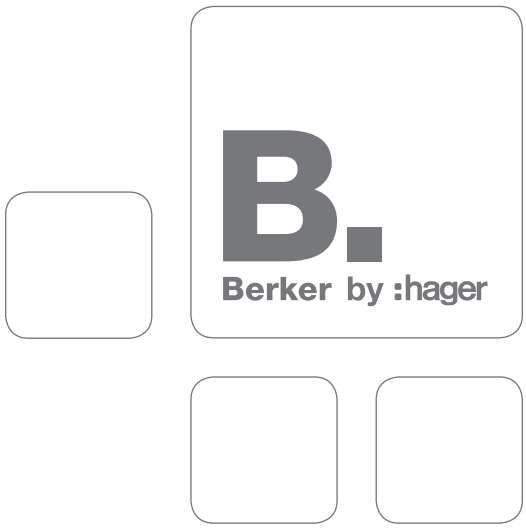
Plastic, glossy
polar white similar to RAL 9010
black similar to RAL 8022

Porcelain, glossy
polar white similar to RAL 9010
black similar to RAL 8022

Central inserts

Plastic, glossy
Polar white similar to RAL 9010
Black similar to RAL 8022

Porcelain frames	512
Frames	512
Surface-mounted frames	513
Supplementary products	513



Porcellain frames



Frame

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

For integration of additional functions (e.g. socket outlet, rotary dimmer), the porcelain frame can be combined with all Serie 1930 centre inserts made of plastic.

i 921

- of porcelain
- for single mounting

Suitable for optional	Order no.	Page
Spacer gland	1887	509

Design	Order no.	PU
porcelain, polar white glossy	**1381 69**	1
porcelain, black glossy	**1381 65**	1

Frames

- Due to the diameter of the cover frame, the universal flush-mounted boxes must be placed precisely.



Frame 1gang

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

i 921

- for single mounting

Suitable for optional	Order no.	Page
Spacer gland	1887	509

Design	Order no.	PU
polar white glossy	**1381 09**	10
black glossy	**1381 01**	10



Centre frame

Combinations are only to be installed in simple combi boxes.

i 921

- for combination mounting

Design	Order no.	PU
polar white glossy	**1381 59**	10
black glossy	**1381 51**	10



End frame

Combinations are only to be installed in simple combi boxes.

i 921

- for combination mounting

Design	Order no.	PU
polar white glossy	**1381 49**	10
black glossy	**1381 41**	10



Frame 2gang

i 921

- for vertical and horizontal mounting

Design	Order no.	PU
polar white glossy	**1381 29**	2
black glossy	**1381 21**	2



Frame 3gang

i 921

- for vertical and horizontal mounting

Design	Order no.	PU
polar white glossy	**1381 39**	2
black glossy	**1381 31**	2

Surface mounted frames



Frame 1gang surface-mounted

Insertion depth 33.5 mm

– with cable and duct entry

Suitable for optional	Order no.	Page
Supplementary products		page 513

Design	Order no.	PU
polar white glossy	**1001 09**	10
black glossy	**1001 01**	10

Supplementary products



Connector for multiple combinations

Also suitable for units of the surface-mounted range.

– to combine surface-mounted devices

Suitable for	Order no.	Page
Frame 1gang surface-mounted	1001 0 ..	513

Design	Order no.	PU
polar white	**1823 09**	10
black	**1823 05**	10



Wire and duct entry

Also suitable for surface-mounted frames and housings from the flush-mounted ranges.

– for wire or 15 x 15 mm cable duct

Suitable for	Order no.	Page
Frame 1gang surface-mounted	1001 0 ..	513

Design	Order no.	PU
polar white	**1813 09**	10
black	**1813 05**	10



Tube entry

Distance from wall to centre of pipe 16 mm

Also suitable for surface-mounted frames and housings from the flush-mounted ranges.

Suitable tubes for surface-mounted installation can be purchased at www.fraenkische-elektro.de.

– for tubes with coupling dia. 20.5 mm (PG 13.5) and M 20
– for tubes with Ø 15.2 mm (PG 9) and M 16

Suitable for	Order no.	Page
Frame 1gang surface-mounted	1001 0 ..	513

Design	Order no.	PU
polar white	**1817 09**	10
black	**1817 05**	10

Base plates



Base plate 1gang, self-extinguishing

– with imprint
– for mounting on combustible base surface

Suitable for	Order no.	Page
Frame 1gang surface-mounted	1001 0 ..	513

Design	Order no.	PU
polar white	**1331 19**	10
black	**1331 11**	10

Serie Glas

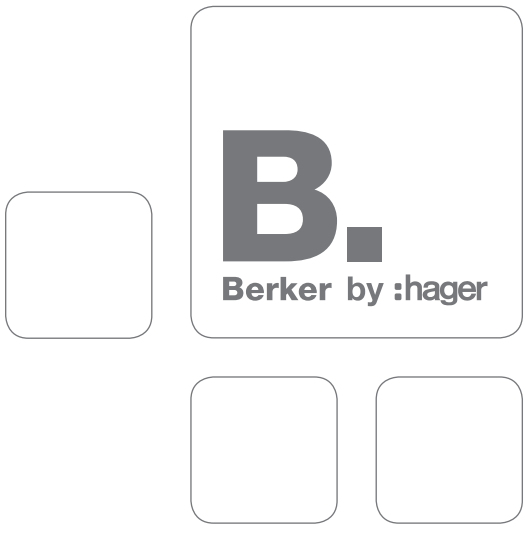
Simplicity. Attractive shape. Design elegance, produced by the function: all these qualities can be found at their zenith in the Berker Serie Glas, inspired by the styles of the Bauhaus.

- Fits into both older buildings and modern living spaces
- At home in any classical and modern architecture
- Switch foot made of real, clear glass



Frames / Cover plates

Glass, clear


B.
Berker by :hager

Frames

– Due to the diameter of the cover frame, the universal flush-mounted boxes must be placed precisely.



Glass frame 1gang

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

– toughened glass
– for single mounting
– with polar white plastic base

921

Suitable for optional	Order no.	Page
Spacer gland	1887	509

Design	Order no.	PU
clear glossy	**1091**	10



Glass centre frame

Combinations are only to be installed in simple combi boxes.

– toughened glass
– for combination mounting
– with polar white plastic base

921

Design	Order no.	PU
clear glossy	**1093 00**	10



Glass end frame

Combinations are only to be installed in simple combi boxes.

– toughened glass
– for combination mounting
– with polar white plastic base

921

Design	Order no.	PU
clear glossy	**1092 00**	10



Glass frame 2gang

– toughened glass
– for vertical and horizontal mounting
– with polar white plastic base

921

Design	Order no.	PU
clear glossy	**1102**	2

Serie 1930/Glas/
Palazzo/R.classic
Frames

Serie Palazzo

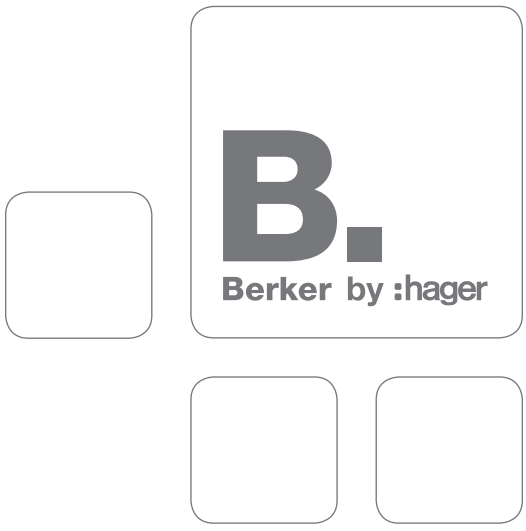
The exclusivity of any real estate can often only be seen in its fine details. A particularly chic detail is the Berker Palazzo series. With its decorative rings, gilded in 24-carat gold, and find marble or root-wood finish, it is an unmistakeable example of design greatness.

- Ultra-high-grade materials with marble or mahogany root-wood effects, framed in 24-carat real gold-plated decorative rings
- Available surface decorations: white marble, black marble, root-wood mahogany brown



Frames / Covers

Plastic inlay Duro-Horn®, glossy
white, decorative marble
black, decorative marble
brown, decorative root-wood
decorative ring, metallised plastic,
24-carat gold plated


B.
Berker by :hager

Frames

– Due to the diameter of the cover frame, the universal flush-mounted boxes must be placed precisely.



Decor frame

i 921

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

– for single mounting

Suitable for optional	Order no.	Page
Spacer gland	1887	509

Design	Order no.	PU
decorative white marble	# **1091 10**	1
decorative black marble	# **1091 12**	1
decorative brown root-wood	# **1091 11**	1



Decor centre frame

i 921

Combinations are only to be installed in simple combi boxes.

– for combination mounting

Design	Order no.	PU
decorative white marble	# **1093 20**	10
decorative black marble	# **1093 22**	10
decorative brown root-wood	# **1093 21**	1



Decor end frame

i 921

Combinations are only to be installed in simple combi boxes.

– for combination mounting

Design	Order no.	PU
decorative white marble	# **1092 20**	1
decorative black marble	# **1092 22**	1
decorative brown root-wood	# **1092 21**	1

Serie 1930/Glas/
Palazzo/R.classic
Frames

Serie R.classic

Can a switch awaken feelings? No switch has probably ever answered this question as emotionally as the Berker R.classic series. With its attractive, round shape, four high-quality material variants and sleek rotary toggle, it guarantees a great feeling: excitement.

- Contemporary development of the Berker Serie 1930
- High-quality surface material: plastic in polar white/black (glass, aluminium or stainless steel of 3 mm thickness)
- Basic support made of 7 mm-thick plastic
- A new feature: frameless switches

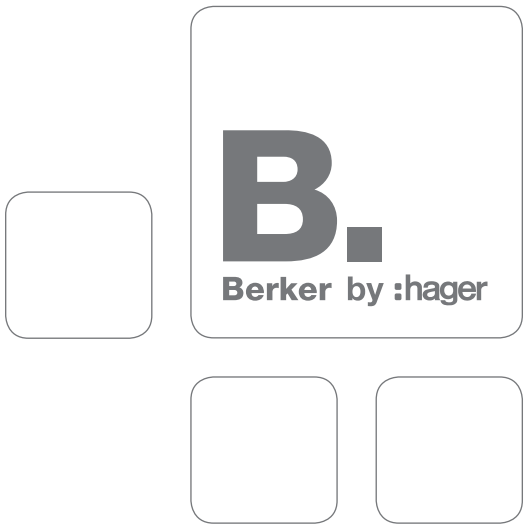


Frames

Plastic, glossy
polar white similar to RAL 9010
black similar to RAL 9005

Glass
polar white similar to RAL 9010
black similar to RAL 9005

Metal
Aluminium, natural anodised
Stainless steel, matt finish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Berker by :hager

Frames

New



Frame i 921

– for vertical and horizontal mounting

Design	Order no.	PU
polar white glossy, 1gang	* **1011 20 89**	10
polar white glossy, 2gang	* **1012 20 89**	2
polar white glossy, 3gang	* **1013 20 89**	2

New



Frame i 921

– for vertical and horizontal mounting

Design	Order no.	PU
black glossy, 1gang	* **1011 20 45**	10
black glossy, 2gang	* **1012 20 45**	2
black glossy, 3gang	* **1013 20 45**	2

New



Frame i 921

– for vertical and horizontal mounting

Design	Order no.	PU
Aluminium/polar white, aluminium anodised, 1gang	* **1011 20 74**	10
Aluminium/polar white, aluminium anodised, 2gang	* **1012 20 74**	10
Aluminium/polar white, aluminium anodised, 3gang	* **1013 20 74**	10

New



Frame i 921

– for vertical and horizontal mounting

Design	Order no.	PU
Aluminium/black, aluminium anodised, 1gang	* **1011 20 84**	10
Aluminium/black, aluminium anodised, 2gang	* **1012 20 84**	10
Aluminium/black, aluminium anodised, 3gang	* **1013 20 84**	10

New



Frame i 921

– for vertical and horizontal mounting

Design	Order no.	PU
Stainless steel/polar white, metal matt finish, 1gang	* **1011 20 14**	10
Stainless steel/polar white, metal matt finish, 2gang	* **1012 20 14**	10
Stainless steel/polar white, metal matt finish, 3gang	* **1013 20 14**	10

New



Frame i 921

– for vertical and horizontal mounting

Design	Order no.	PU
Stainless steel/black, metal matt finish, 1gang	* **1011 20 04**	10
Stainless steel/black, metal matt finish, 2gang	* **1012 20 04**	10
Stainless steel/black, metal matt finish, 3gang	* **1013 20 04**	10

New



Frame

921

– for vertical and horizontal mounting

Design	Order no.	PU
glass polar white, 1gang	* **1011 20 09**	10
glass polar white, 2gang	* **1012 20 09**	5
glass polar white, 3gang	* **1013 20 09**	5

New



Frame

921

– for vertical and horizontal mounting

Design	Order no.	PU
glass black, 1gang	* **1011 20 16**	10
glass black, 2gang	* **1012 20 16**	5
glass black, 3gang	* **1013 20 16**	5

Berker B.IQ

A wide array of alternative materials and colours have been added to the convenient variety of KNX functionality of the Berker B.IQ.

- Frameless KNX push-button with full-material rockers (glass, stainless steel and aluminium)
- High scope of functions in the KNX applications through to devices with integrated thermostats
- The attractive appearance is rounded off using white status LEDs and a blue operation LED
- Suitable variants for all materials and colours of sockets in the Berker B.7 switch range
  Available materials: plastic and glass in polar white, black and aluminium. Metal variants in aluminium and stainless steel



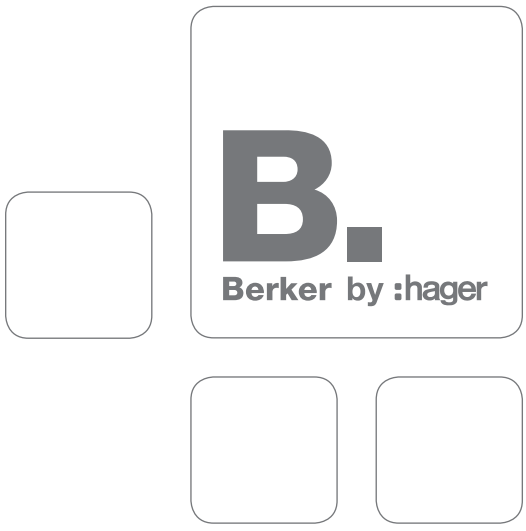
Surfaces

Plastic polar white similar to RAL 9010

glass glossy, printed on the back
polar white similar to RAL 9010
black similar to RAL 9005

Metal
aluminium
stainless steel

Push-buttons	528
Push-buttons with thermostat	533
IR Push-buttons with thermostat	535
Labelling fields	537



Push-buttons

- For switch, push-button, dimmer and shutter functions
- With 2 white status LEDs per rocker (labelling field illumination)
- Wth blue operation LED
- For installation in single standard wall boxes
- With dismantling protection
- For detailed information, in particular on the software functions, refer to the chapter “KNX operating systems”.

Push-buttons comfort



B.IQ push-button comfort

i 920

Operating temperature -5 ... +45 °C

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for plastic frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
optional		
Labelling fields		page 537

Design	Order no.	PU
polar white matt, 1gang [1]	**7516 15 99**	1
polar white matt, 2gang [1]	**7516 25 99**	1
polar white matt, 3gang [1]	**7516 35 99**	1
polar white matt, 4gang [2]	**7516 45 99**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm

New



B.IQ push-button comfort

i 920

Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for aluminium frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
optional		
Labelling fields		page 537

Design	Order no.	PU
Aluminium, aluminium anodised, 1gang [1]	* **7516 15 94**	1
Aluminium, aluminium anodised, 2gang [1]	* **7516 25 94**	1
Aluminium, aluminium anodised, 3gang [1]	* **7516 35 94**	1
Aluminium, aluminium anodised, 4gang [2]	* **7516 45 94**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm



B.IQ push-button comfort

i 920

Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm

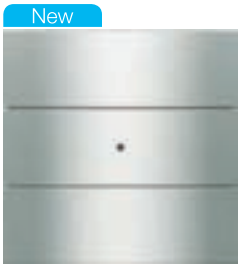
- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for stainless steel frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
optional		
Labelling fields		page 537

Design	Order no.	PU
Stainless steel, metal brushed, 1gang [1]	**7516 15 93**	1
Stainless steel, metal brushed, 2gang [1]	**7516 25 93**	1
Stainless steel, metal brushed, 3gang [1]	**7516 35 93**	1
Stainless steel, metal brushed, 4gang [2]	**7516 45 93**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm

New



B.IQ push-button comfort

i 920

Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
optional		
Labelling fields		page 537

Design	Order no.	PU
glass polar white, 1gang [1]	* **7516 15 90**	1
glass polar white, 2gang [1]	* **7516 25 90**	1
glass polar white, 3gang [1]	* **7516 35 90**	1
glass polar white, 4gang [2]	* **7516 45 90**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm

New



B.IQ push-button comfort

i 920

Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm

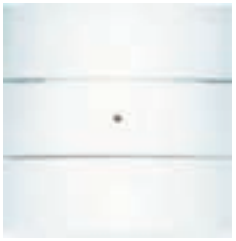
- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
optional		
Labelling fields		page 537

Design	Order no.	PU
glass black, 1gang [1]	* **7516 15 92**	1
glass black, 2gang [1]	* **7516 25 92**	1
glass black, 3gang [1]	* **7516 35 92**	1
glass black, 4gang [2]	* **7516 45 92**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm

Push-buttons



B.IQ push-button

920

Operating temperature -5 ... +45 °C

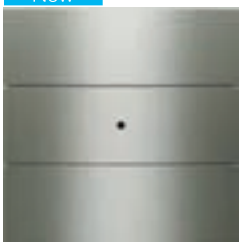
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for plastic frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
optional		
Labelling fields		page 537

Design	Order no.	PU
polar white matt, 1gang [1]	**7516 10 99**	1
polar white matt, 2gang [1]	**7516 20 99**	1
polar white matt, 3gang [1]	**7516 30 99**	1
polar white matt, 4gang [2]	**7516 40 99**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm

New



B.IQ push-button

920

Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for aluminium frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
optional		
Labelling fields		page 537

Design	Order no.	PU
Aluminium, aluminium anodised, 1gang [1]	* **7516 10 94**	1
Aluminium, aluminium anodised, 2gang [1]	* **7516 20 94**	1
Aluminium, aluminium anodised, 3gang [1]	* **7516 30 94**	1
Aluminium, aluminium anodised, 4gang [2]	* **7516 40 94**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm



B.IQ push-button

920

Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

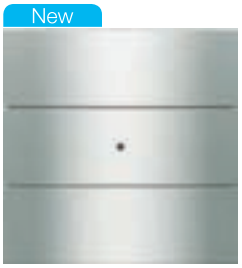
- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for stainless steel frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
optional		
Labelling fields		page 537

Design	Order no.	PU
Stainless steel, metal brushed, 1gang [1]	**7516 10 93**	1
Stainless steel, metal brushed, 2gang [1]	**7516 20 93**	1
Stainless steel, metal brushed, 3gang [1]	**7516 30 93**	1
Stainless steel, metal brushed, 4gang [2]	**7516 40 93**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm

New



B.IQ push-button 920

Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm

- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
optional		
Labelling fields		page 537

Design	Order no.	PU
glass polar white, 1gang [1]	* **7516 10 90**	1
glass polar white, 2gang [1]	* **7516 20 90**	1
glass polar white, 3gang [1]	* **7516 30 90**	1
glass polar white, 4gang [2]	* **7516 40 90**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm

New



B.IQ push-button 920

Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm

- extension unit for light scene push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
optional		
Labelling fields		page 537

Design	Order no.	PU
glass black, 1gang [1]	* **7516 10 92**	1
glass black, 2gang [1]	* **7516 20 92**	1
glass black, 3gang [1]	* **7516 30 92**	1
glass black, 4gang [2]	* **7516 40 92**	1

[1] dimensions (W x H): 88.5 x 88.5 mm
[2] dimensions (W x H): 88.5 x 118.1 mm

Light scenes push-buttons

B.IQ push-button 4gang for light scenes 920

Light scenes	max. 8
Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for plastic frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	537

Design	Order no.	PU
polar white matt	**7516 86 99**	1

New



B.IQ push-button 4gang for light scenes 920

Light scenes	max. 8
Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm
Dimensions (W x H)	88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for aluminium frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	537

Design	Order no.	PU
Aluminium, aluminium anodised	* **7516 86 94**	1



B.IQ push-button 4gang for light scenes i 920

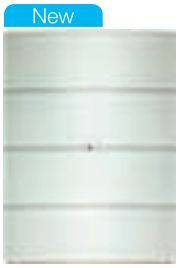
Light scenes	max. 8
Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm
Dimensions (W x H)	88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for stainless steel frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	537

Design	Order no.	PU
Stainless steel, metal brushed	**7516 86 93**	1

New



B.IQ push-button 4gang for light scenes i 920

Light scenes	max. 8
Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm
Dimensions (W x H)	88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	537

Design	Order no.	PU
glass polar white	* **7516 86 90**	1

New



B.IQ push-button 4gang for light scenes i 920

Light scenes	max. 8
Operating temperature	-5 ... +45 °C
Assembling height - metal, glass version	16.7 mm
Dimensions (W x H)	88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	537

Design	Order no.	PU
glass black	* **7516 86 92**	1

Push-button sensors with thermostat

- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- With 2 white status LEDs per rocker (labelling field illumination)
- Wth blue operation LED
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Operating modes: comfort, standby, night operation and frost/heat protection adjustable
- LC display with symbols and illumination, switchable via object
- With 2 additional function buttons for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Temperature measurement via internal temperature sensor and/or external communication object (weighting ratio parameterisable)
- Provision of the internal temperature value via communication object
- For installation in single standard wall boxes
- With dismantling protection
- For detailed information, in particular on the software functions, refer to the chapter “KNX operating systems”.



Push-button with thermostat

i 920

- Display

Operating temperature -5 ... +45 °C

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for plastic frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	778
optional		
Labelling fields		page 537

Design	Order no.	PU
polar white matt, 3gang [1]	**7566 35 99**	1
polar white matt, 4gang [2]	**7566 45 99**	1
polar white matt, 5gang [3]	**7566 55 99**	1

[1] dimensions (W x H): 88.5 x 119.6 mm
[2] dimensions (W x H): 88.5 x 149.2 mm
[3] dimensions (W x H): 88.5 x 178.8 mm

New



Push-button with thermostat

i 920

- Display

Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for aluminium frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	778
optional		
Labelling fields		page 537

Design	Order no.	PU
Aluminium, aluminium anodised, 3gang [1]	* **7566 35 94**	1
Aluminium, aluminium anodised, 4gang [2]	* **7566 45 94**	1
Aluminium, aluminium anodised, 5gang [3]	* **7566 55 94**	1

[1] dimensions (W x H): 88.5 x 119.6 mm
[2] dimensions (W x H): 88.5 x 149.2 mm
[3] dimensions (W x H): 88.5 x 178.8 mm



Push-button with thermostat 920

- Display



Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for stainless steel frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	778
optional		
Labelling fields		page 537

Design	Order no.	PU
Stainless steel, metal brushed, 3gang [1]	**7566 35 93**	1
Stainless steel, metal brushed, 4gang [2]	**7566 45 93**	1
Stainless steel, metal brushed, 5gang [3]	**7566 55 93**	1

[1] dimensions (W x H): 88.5 x 119.6 mm
[2] dimensions (W x H): 88.5 x 149.2 mm
[3] dimensions (W x H): 88.5 x 178.8 mm

New



Push-button with thermostat 920

- Display



Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	778
optional		
Labelling fields		page 537

Design	Order no.	PU
glass polar white, 3gang [1]	* **7566 35 90**	1
glass polar white, 4gang [2]	* **7566 45 90**	1
glass polar white, 5gang [3]	* **7566 55 90**	1

[1] dimensions (W x H): 88.5 x 119.6 mm
[2] dimensions (W x H): 88.5 x 149.2 mm
[3] dimensions (W x H): 88.5 x 178.8 mm

New



Push-button with thermostat 920

- Display



Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	778
optional		
Labelling fields		page 537

Design	Order no.	PU
glass black, 3gang [1]	* **7566 35 92**	1
glass black, 4gang [2]	* **7566 45 92**	1
glass black, 5gang [3]	* **7566 55 92**	1

[1] dimensions (W x H): 88.5 x 119.6 mm
[2] dimensions (W x H): 88.5 x 149.2 mm
[3] dimensions (W x H): 88.5 x 178.8 mm

IR push-buttons with thermostat

- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- With 2 white status LEDs per rocker (labelling field illumination)
- Wth blue operation LED
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Operating modes: comfort, standby, night operation and frost/heat protection adjustable
- LC display with symbols and illumination, switchable via object
- With 2 additional function buttons for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Temperature measurement via internal temperature sensor and/or external communication object (weighting ratio parameterisable)
- Provision of the internal temperature value via communication object
- For installation in single standard wall boxes
- With dismantling protection
- For detailed information, in particular on the software functions, refer to the chapter “KNX operating systems”.



IR push-button with thermostat

ℹ 920

- Display



Operating temperature -5 ... +45 °C

- IR telegram with RC5 coding parameterisable per push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for plastic frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	778
optional		
Labelling fields		page 537
Hand-held transmitter for B.IQ IR push-button	2779	780

Design	Order no.	PU
polar white matt, 3gang [1]	**7566 36 99**	1
polar white matt, 4gang [2]	**7566 46 99**	1
polar white matt, 5gang [3]	**7566 56 99**	1

[1] dimensions (W x H): 88.5 x 128.6 mm
[2] dimensions (W x H): 88.5 x 158.2 mm
[3] dimensions (W x H): 88.5 x 187.8 mm

New



IR push-button with thermostat

ℹ 920

- Display



Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- IR telegram with RC5 coding parameterisable per push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for aluminium frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	778
optional		
Labelling fields		page 537
Hand-held transmitter for B.IQ IR push-button	2779	780

Design	Order no.	PU
Aluminium, aluminium anodised, 3gang [1]	* **7566 36 94**	1
Aluminium, aluminium anodised, 4gang [2]	* **7566 46 94**	1
Aluminium, aluminium anodised, 5gang [3]	* **7566 56 94**	1

[1] dimensions (W x H): 88.5 x 128.6 mm
[2] dimensions (W x H): 88.5 x 158.2 mm
[3] dimensions (W x H): 88.5 x 187.8 mm



IR push-button with thermostat

- Display



Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- IR telegram with RC5 coding parameterisable per push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for stainless steel frames in the same “style” for additional applications, see the Design line B.7

i 920

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	778
optional		
Labelling fields		page 537
Hand-held transmitter for B.IQ IR push-button	2779	780

Design	Order no.	PU
Stainless steel, metal brushed, 3gang [1]	**7566 36 93**	1
Stainless steel, metal brushed, 4gang [2]	**7566 46 93**	1
Stainless steel, metal brushed, 5gang [3]	**7566 56 93**	1

[1] dimensions (W x H): 88.5 x 128.6 mm
[2] dimensions (W x H): 88.5 x 158.2 mm
[3] dimensions (W x H): 88.5 x 187.8 mm

New



IR push-button with thermostat

- Display



Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- IR telegram with RC5 coding parameterisable per push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

i 920

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	778
optional		
Labelling fields		page 537
Hand-held transmitter for B.IQ IR push-button	2779	780

Design	Order no.	PU
glass polar white, 3gang [1]	* **7566 36 90**	1
glass polar white, 4gang [2]	* **7566 46 90**	1
glass polar white, 5gang [3]	* **7566 56 90**	1

[1] dimensions (W x H): 88.5 x 128.6 mm
[2] dimensions (W x H): 88.5 x 158.2 mm
[3] dimensions (W x H): 88.5 x 187.8 mm

New



IR push-button with thermostat

- Display



Operating temperature -5 ... +45 °C
Assembling height - metal, glass version 16.7 mm

- IR telegram with RC5 coding parameterisable per push-button
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

i 920

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	778
optional		
Labelling fields		page 537
Hand-held transmitter for B.IQ IR push-button	2779	780

Design	Order no.	PU
glass black, 3gang [1]	* **7566 36 92**	1
glass black, 4gang [2]	* **7566 46 92**	1
glass black, 5gang [3]	* **7566 56 92**	1

[1] dimensions (W x H): 88.5 x 128.6 mm
[2] dimensions (W x H): 88.5 x 158.2 mm
[3] dimensions (W x H): 88.5 x 187.8 mm

Labelling fields



B.IQ labelling field for push-buttons 1 to 3gang

i 920

Dimensions (W x H x D) 151.6 x 85 x 5.7 mm – can be illuminated by status LED

Design	Order no.	PU
clear, transparent	**7590 00 80**	1



B.IQ labelling field for push-buttons 4gang

i 920

Dimensions (W x H x D) 151.6 x 114.6 x 5.7 mm – can be illuminated by status LED

Design	Order no.	PU
clear, transparent	**7590 00 81**	1



B.IQ labelling field for push-buttons 5gang

i 920

Dimensions (W x H x D) 151.6 x 144.2 x 5.7 mm – can be illuminated by status LED

Design	Order no.	PU
clear, transparent	**7590 00 82**	1

Berker TS/TS Crystal/ TS Crystal Ball

Behind its elegantly purist exterior, there is an unexpected wealth of technical options: the Berker TS allows operation, not only of multiple light sources, but, if so desired, also of intelligent building control systems, such as Berker KNX or Berker Radio Bus. With their fine platform and switching knobs MADE WITH SWAROVSKI ELEMENTS, the Berker TS Crystal lends refinement to any atmosphere.

- Suitable for installation bus systems and relay circuits with safety extra-low voltage
- Material glass
- Crystalline variation of push-buttons MADE WITH SWAROVSKI ELEMENTS for the glass platform of the Berker TS
- Push-buttons available in 4 colours







reddot award

DESIGN PLUS

Surfaces

glass glossy, printed on the back
polar white similar to RAL 9010

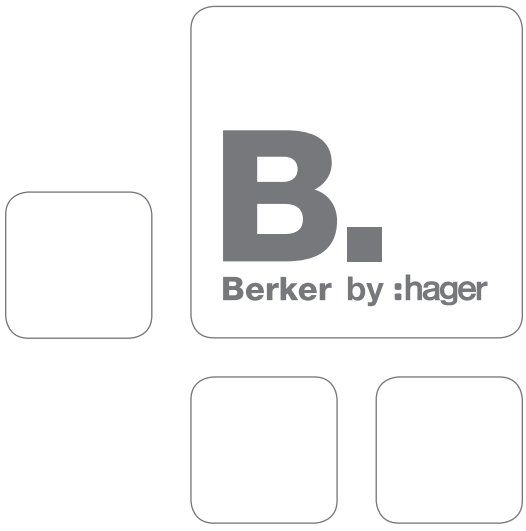
Push-buttons

metall, brass galvanised
chrome, glossy
gold, 24 carat, glossy
stainless steel, matt brushed nickel

Decor plate (TS Crystal Ball)

glass, mirrored
Sensor surface
glass, mirrored (Swarovski Circle)

Cover plates	540
Berker TS Crystal Ball	541
Supplementary products	542



Cover plates



Glass cover plate

i 919

Dimensions (W x H x D)	86 x 160 x 5 mm
Screw length	25 mm

Other components from the B.7 glass range are available, e.g. socket outlets. Observe scale drawings!

- glass with polar white imprint on the backside
- with polar white plastic base
- each with 2 3.5 x 25 mm two-hole screws in chrome, gold and stainless steel for dismantling protection
- with screwdriver
- for vertical and horizontal mounting

Suitable for	Order no.	Page
Berker TS Crystal		page 541
Push-button, NO contact	1811 1 ..	540
Wall box	1809	545
Wall box for installation in hollow walls	1824	545
optional		
Two-hole screws 2 x M3.5 x 50 mm	1895 1 ..	545

Design	Order no.	PU
clear glossy, 1gang	**1391**	1
clear glossy, 2gang	**1392**	1
clear glossy, 4gang	**1394**	1



Glass cover plate with facet

i 919

Dimensions (W x H x D)	86 x 160 x 5 mm
Screw length	25 mm

- with all-round facet
- with polar white plastic base
- each with 2 3.5 x 25 mm two-hole screws in chrome, gold and stainless steel for dismantling protection
- with screwdriver
- for vertical and horizontal mounting

Suitable for	Order no.	Page
Berker TS Crystal		page 541
Push-button, NO contact	1811 1 ..	540
Wall box	1809	545
Wall box for installation in hollow walls	1824	545
optional		
Two-hole screws 2 x M3.5 x 50 mm	1895 1 ..	545

Design	Order no.	PU
clear glossy, 1gang	**1311**	1
clear glossy, 2gang	**1321**	1
clear glossy, 4gang	**1341**	1
clear glossy, 6gang	**1366**	1
clear glossy, 8gang	**1388**	1



Push-button, NO contact

i 919

Rated voltage	24 V
Momentary-contact current	1.5 A
Operating temperature	-20 ... +60 °C
Insertion depth	13 mm

For connection via system interfaces to radio bus, KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

- brass, refined
- with plug-in terminals

Suitable for	Order no.	Page
optional		
System interfaces		page 542
Binary inputs		page 544

Design	Order no.	PU
chrome glossy, brass galvanised	**1811 10**	10
gold glossy, 24-carat galvanised	**1811 12**	10
stainless steel matt, brushed nickel	**1811 13**	10

Berker TS Crystal



Push-button Crystal

i 919

Rated voltage	24 V
Momentary-contact current	1.5 A
Operating temperature	-20 ... +60 °C
Insertion depth	13 mm

- NO contact
- brass, refined
- with SWAROWSKI ELEMENTS
- with plug-in terminals

For connection via system interfaces to radio bus, KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

Suitable for optional	Order no.	Page
System interfaces		page 542
Binary inputs		page 544

Design	Order no.	PU
chrome glossy	**1964 00 01**	1



Push-button Black Diamond

i 919

Rated voltage	24 V
Momentary-contact current	1.5 A
Operating temperature	-20 ... +60 °C
Insertion depth	13 mm

- NO contact
- brass, refined
- with SWAROWSKI ELEMENTS
- with plug-in terminals

For connection via system interfaces to radio bus, KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

Suitable for optional	Order no.	Page
System interfaces		page 542
Binary inputs		page 544

Design	Order no.	PU
stainless steel matt	**1966 02 15**	1



Push-button Siam

i 919

Rated voltage	24 V
Momentary-contact current	1.5 A
Operating temperature	-20 ... +60 °C
Insertion depth	13 mm

- NO contact
- brass, refined
- with SWAROWSKI ELEMENTS
- with plug-in terminals

For connection via system interfaces to radio bus, KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

Suitable for optional	Order no.	Page
System interfaces		page 542
Binary inputs		page 544

Design	Order no.	PU
gold glossy	**1965 02 08**	1



Push-button Topaz

i 919

Rated voltage	24 V
Momentary-contact current	1.5 A
Operating temperature	-20 ... +60 °C
Insertion depth	13 mm

- NO contact
- brass, refined
- with SWAROWSKI ELEMENTS
- with plug-in terminals

For connection via system interfaces to radio bus, KNX radio or KNX installations.

Alternatively, can be used to control relay circuits.

Only suitable for safety low voltages!

Suitable for optional	Order no.	Page
System interfaces		page 542
Binary inputs		page 544

Design	Order no.	PU
gold glossy	**1965 02 03**	1

Berker TS Crystal Ball



Crystal Ball

Operating voltage	8 ... 30 V=
Current consumption (operation)	≈ 18.3 mA
Current consumption (idle)	≈ 4.3 mA
Switching voltage	max. 30 V
Momentary-contact current	10 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5 mm

- operation by gently touching the Crystal Ball
- with SWAROWSKI ELEMENTS
- with adapter ring for dismantling protection and shadow gap formation
- separate auxiliary power supply needed
- with disassembly suction tool
- NO contact
- with screw terminals
- KNX APPLICATIONS:
- for parameterisable functions, see universal interface, 2gang, flush-mounted
- operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- RADIO BUS APPLICATIONS:
- for settable functions, see the radio push-button interface
- for mounting, always use a 2gang wall box, order no. 1870

Suitable for	Order no.	Page
Berker IOS electrical power supply 24 V DC RMD	7591 00 03	788
Wall box 2gang	1870	545
optional		
Radio button interface 4gang flush-mounted	126	542
KNX radio binary input 2gang flush-mounted	8587 61 00	544
Universal interface 2gang flush-mounted	7564 20 01	543

Design	Order no.	PU
glass clear, mirrored	**1685 78**	1

Supplementary products

System interfaces



Radio button interface 4gang flush-mounted

i 897

Operating voltage	3 V=
Contact cleaner power pulse current	3 mA
Radio transmission range (free field)	max. 100 m
Line length	≈ 290 mm
Cable length extendable to	max. 5 m
Dimensions (Ø x H)	38 x 10 mm
Battery service life [years]	≈ 3

For battery-operated radio remote control of all assigned radio bus receivers.

- function setting by 5 DIP-switches
- functions: 1- and 2-push-button operation for switching and dimming, shutter control, light scenes,
- with red transmit and battery status LED
- each channel can be assigned to any number of radio receivers
- pre-assembled, with 4 cable pairs and plug
- to connect to max. 4 potential-free contacts
- with lithium coin cell battery 3 V type: CR 2032

Suitable for	Order no.	Page
Glass sensors		page 552
Berker TS Crystal		page 541
Push-button, NO contact	1811 1 ..	540
Crystal Ball	1685 78	542
Adapter for KNX and relay	7590 00 32	554
replacement		
Lithium coin cell battery 3 V	1857	545

Design	Order no.	PU
grey matt	# **126**	1



Universal interface 2gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 5 V
Output current per channel	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	≈ 250 mm
Line length	≈ 250 mm
Cable length extendable to	max. 5 m
Dimensions (L x W x H)	43 x 28.5 x 15.5 mm

- for impulse counter function, input 2 is required for the synchronising signal
- functions: impulse counter or switch counter for input 1
- for switch, push-button, dimmer and shutter functions
- 2 binary inputs, 2 outputs or 1 binary input and 1 output parameterisable
- with 2 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- extension unit for light scene push-button
- with programming button and red programming LED
- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- shutter operation concept short-long-short and long-short parameterisable
- bus connection via connecting terminal
- object for logic operations (e.g. OR/AND/AND with feedback)
- objects for locking individual inputs and outputs
- objects: switching, forced guidance and feedback of respective output
- cyclic transmission parameterisable for switching function
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Glass sensors		page 552
Berker TS Crystal		page 541
Push-button, NO contact	1811 1 ..	540
Adapter for KNX and relay	7590 00 32	554

Design	Order no.	PU
light grey	**7564 20 01**	1



Universal interface 4gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 5 V
Output current for channel 1 and channel 2	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	≈ 250 mm
Line length	≈ 250 mm
Cable length extendable to	max. 5 m
Dimensions (L x W x H)	43 x 28.5 x 15.5 mm

- for impulse counter function, inputs 3 and 4 are required for the synchronising signal
- functions: impulse counter or switch counter for inputs 1 and 2
- for switch, push-button, dimmer and shutter functions
- 4 binary inputs or 2-3 binary inputs and 1-2 outputs parameterisable
- with 4 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- extension unit for light scene push-button
- with programming button and red programming LED
- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- shutter operation concept short-long-short and long-short parameterisable
- bus connection via connecting terminal
- object for logic operations (e.g. OR/AND/AND with feedback)
- objects for locking individual inputs and outputs
- objects: switching, forced guidance and feedback of respective output
- cyclic transmission parameterisable for switching function
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Glass sensors		page 552
Berker TS Crystal		page 541
Push-button, NO contact	1811 1 ..	540
Adapter for KNX and relay	7590 00 32	554

Design	Order no.	PU
light grey	**7564 40 01**	1



Universal interface 8gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 20 V
Output current per channel	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	10 m
Line length	max. 10 m
Dimensions (W x H x D)	44 x 48 x 32 mm

- for switch, push-button, dimmer and shutter functions
- 8 binary inputs, 8 outputs or 4 binary inputs and 4 outputs parameterisable
- with 8 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- extension unit for light scene push-button
- with programming button and red programming LED
- single and two push-button operation parameterisable
- one push-button operation for switching, pushing and dimming
- shutter operation concept short-long-short and long-short parameterisable
- second operating level by object or 3-button handle (only 8-input application)
- bus connection via connecting terminal
- object for audio/video control
- objects: switching, forced guidance, feedback of respective output (only for application 4 inputs/4 outputs)
- cyclic transmission can also be started via switching object
- dimming / position value transmitter 1 byte
- short-circuit and overload proof (electronic fuse)
- protected against polarity reversal
- with screw terminals

Suitable for	Order no.	Page
Glass sensors		page 552
Berker TS Crystal		page 541
Push-button, NO contact	1811 1 ..	540
Adapter for KNX and relay	7590 00 32	554

Design	Order no.	PU
black	**7564 80 01**	1

Binary inputs

New



KNX radio binary input 2gang flush-mounted

Operating voltage	3 V=
Number of radio channels	2
Radio transmission power	< 10 mW
Radio transmission frequency	868.3 MHz
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Number of quicklink links	max. 20 transmitter/receiver
Operating temperature	-5 ... +45 °C
Line length	20 cm
Dimensions (Ø x H)	51 x 16 mm
Battery service life [years]	≈ 5
Radio protocol	KNX Radio

- ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory, forced control, up/down push-button
- reset function (to factory setting)
- toolless quicklink configuration using buttons and LED display
- with configuration button
- with configuration LED
- activation, for example through switches, push-buttons, timers, blind timer switches, magnetic contact
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- not dependent on mains power
- for connection to max. 2 potential-free contacts
- for installation behind flush-mounted inserts
- with lithium battery 3 V type: CR 1/2 AA
- low intrinsic energy requirement

Suitable for	Order no.	Page
Berker TS Crystal		page 541
Push-button, NO contact	1811 1 ..	540
Crystal Ball	1685 78	542

Design	Order no.	PU
light grey	* **8587 61 00**	1



KNX binary input 6gang RMD 24 V AC/DC

Operating voltage over bus	21 ... 32 V=
Signal voltage	8 ... 42 V~/=
Signal frequency	50/60 Hz
Signal current	4 mA
Signal duration	200 ms ... 100 % ED
Operating temperature	-5 ... +45 °C
Input cable length	max. 100 m
Assembling height as from DIN rail	58 mm
Width of rail mounted device (RMD)	2 TE
Dimensions (W x H x D)	36 x 90 x 65 mm

External power supply 24 V necessary!

Detects the presence of or change in a voltage level at its inputs and, depending on the chosen application, sends telegrams over the KNX.

- with 6 independent binary inputs with 2 GND connections
- with 6 yellow status LEDs for input states
- with programming button and red programming LED
- bus connection via connecting terminal
- with screw terminals

Suitable for	Order no.	Page
Berker TS Crystal		page 541
Push-button, NO contact	1811 1 ..	540

Design	Order no.	PU
light grey	**7521 60 01**	1

Wall boxes



Wall box

ℹ 919

- plastic

Suitable for	Order no.	Page
Glass cover plate		page 540
Glass cover plate with facet		page 540

Design	Order no.	PU
Wall box	**1809**	50
Wall box for installation in hollow walls	**1824**	50



Wall box 2gang

ℹ 920

Dimensions (W x H x D)	68 x 139 x 75 mm
Cut hole Ø	2 x 68 mm
Cut hole pitch	71 mm

- flush wall-mounting or with adapter ring
- for flush mounting and hollow-wall mounting

Suitable for	Order no.	Page
Glass sensors		page 552
Crystal Ball	1685 78	542

Design	Order no.	PU
Wall box 2gang	**1870**	1

Accessories



Two-hole screws 2 x M3.5 x 50 mm

- brass, refined
- 2 pieces for fixing in deeper seated boxes

Design	Order no.	PU
chrome glossy, brass galvanised	**1895 10**	1
gold glossy, 24-carat galvanised	**1895 12**	1
stainless steel matt, brushed nickel	**1895 13**	1



Lithium coin cell battery 3 V

Output voltage	3 V=
Charging capacity	0.18 Ah

- type: CR 2032
- 2 pcs. for replacement

Suitable for	Order no.	Page
Radio button interface 4gang flush-mounted	126	542

Design	Order no.	PU
Lithium coin cell battery 3 V	**1857**	10

Berker TS Sensor

Understatement is an art, and the Berker TS Sensor makes it perfect. Up to eight functions are concealed under a pure surface that is practically flush with the wall, and can be custom-labelled on request. A single touch is all it takes to control lights, heating or blinds. In this way, the Berker TS Sensor can offer an exciting variety of possibilities – and, at the same time, still seems as calm as possible.

- Suitable for installation bus systems and relay circuits
- Having the electronics directly on the rear side of the glass plate creates enormous switching safety
- Particularly flat construction method permits flush mounting
- Readiness and switching states can be display using LEDs
- Completely smooth surface thanks to screw-free fastening
- Labelling on rear side meaning perfect protection



reddot design award

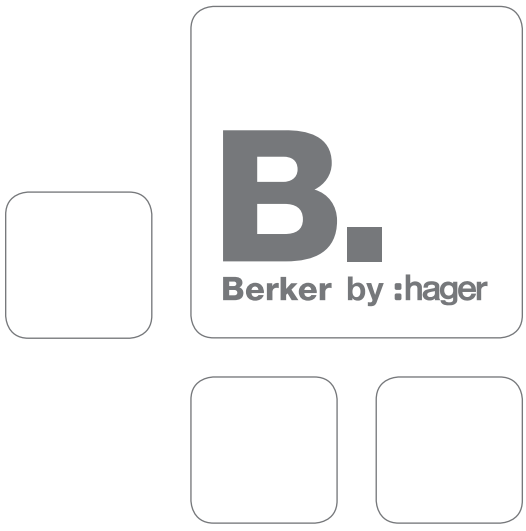
Surfaces

glass glossy, printed on the back

polar white	similar to RAL 9010
black	similar to RAL 9005
aluminium	similar to RAL 9006

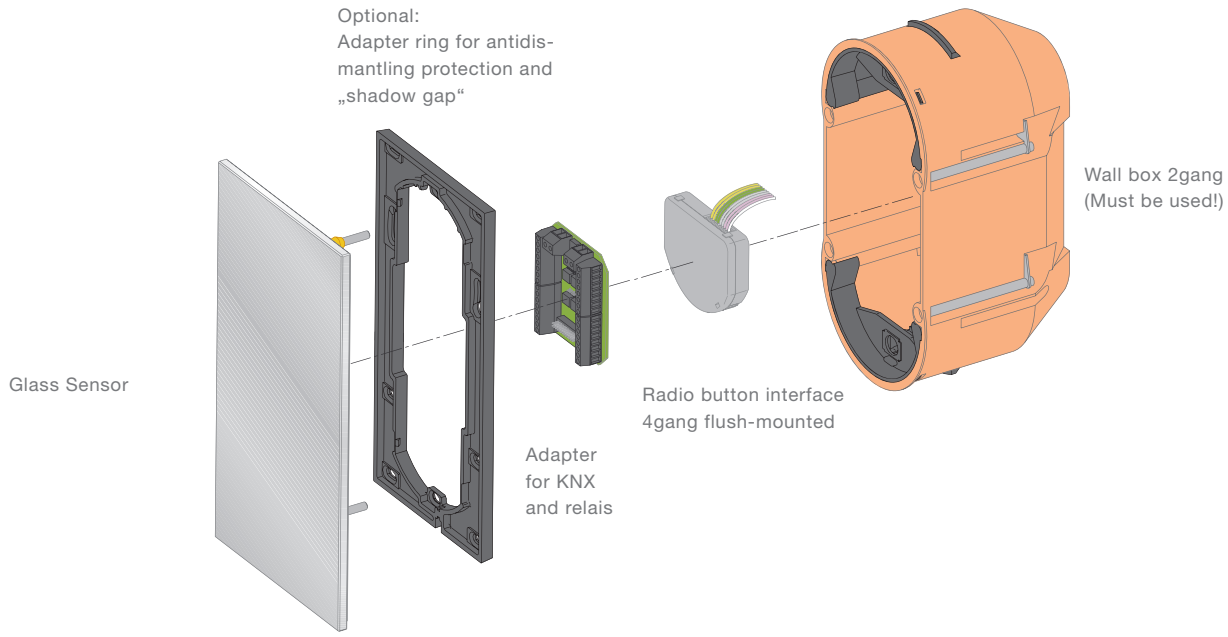
Glass sensors 549

Supplementary products 554



Mounting

Glass sensors are snapped in place on a wall box 2gang using adjustable retaining pins in such a way that the glass sensors are seated almost on the wall. The supplied adapter ring provides anti-dismantling protection and gives the glass plate shadow contours. The adjustable retaining pins can be used to compensate for deviating installation depths or irregularities of the wall of up to 20 mm.



Connection

The glass sensor is connected to the interfaces of the respective systems via an adapter using a ribbon cable. The separate power supply must be connected to the respective adapter.



Connection

The glass sensor with room thermostat and the glass sensor comfort are connected directly to the KNX bus and separate power supply using the connecting terminals located on the backside.

Removal

To pull glass sensors out of the clamp springs of the wall box, use the supplied dismantling aid with suction cups.

Glass sensors

Glass sensors comfort

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer and shutter functions
- Single and two push-button operation parameterisable
- Retrieval, setting and storing of 8 light scenes
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Provision of the internal temperature value via communication object
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Bus connection via connecting terminal
- For vertical mounting
- For mounting, always use the flat 2gang wall box, order no. 1871
- With adapter ring for dismantling protection, shadow jointing and special installation conditions
- With disassembly suction tool
- For individually labelled glass and touch sensors (configured variations), the new Web Configurator generates a layout number, which must be additionally specified when placing the order.
- Many options for labelling (text and/or icons) will be available **from August 2013** via the **new web configurator** at www.berker.com

New



Glass sensor 1gang comfort

i 920

- integrated bus coupling unit



Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 2 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Wall box 2gang flat	1871	555
optional		
Temperature sensor	161	150

Design	Order no.	PU
Berker TS Sensor		
glass polar white	* **7514 18 30**	1
glass black	* **7514 18 35**	1
glass aluminium	* **7514 10 34**	1
Berker TS Sensor - configured		
glass polar white	* **7514 19 30**	1
glass black	* **7514 19 35**	1
glass aluminium	* **7514 11 34**	1

New



Glass sensor 2gang comfort

i 920

- integrated bus coupling unit



Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Wall box 2gang flat	1871	555
optional		
Temperature sensor	161	150

Design	Order no.	PU
Berker TS Sensor		
glass polar white	* **7514 28 30**	1
glass black	* **7514 28 35**	1
glass aluminium	* **7514 20 34**	1

Berker TS Sensor - configured		
glass polar white	* 7514 29 30	1
glass black	* 7514 29 35	1
glass aluminium	* 7514 21 34	1

New



Glass sensor 3gang comfort

i 920

- integrated bus coupling unit



Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Wall box 2gang flat	1871	555
optional		
Temperature sensor	161	150

Design	Order no.	PU
Berker TS Sensor		
glass polar white	* 7514 38 30	1
glass black	* 7514 38 35	1
glass aluminium	* 7514 30 34	1
Berker TS Sensor - configured		
glass polar white	* 7514 39 30	1
glass black	* 7514 39 35	1
glass aluminium	* 7514 31 34	1

New



Glass sensor 4gang comfort

i 920

- integrated bus coupling unit



Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 8 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Wall box 2gang flat	1871	555
optional		
Temperature sensor	161	150

Design	Order no.	PU
Berker TS Sensor		
glass polar white	* 7514 48 30	1
glass black	* 7514 48 35	1
glass aluminium	* 7514 40 34	1
Berker TS Sensor - configured		
glass polar white	* 7514 49 30	1
glass black	* 7514 49 35	1
glass aluminium	* 7514 41 34	1

Glass sensors with thermostat

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- Retrieval, setting and storing of 8 light scenes
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- LED display with symbol display
- With 2 additional sensor surfaces for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Temperature control via local measurement or measured value via object
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Separate auxiliary power supply needed
- Operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- Bus connection via connecting terminal
- For vertical mounting
- For mounting, always use the flat 2gang wall box, order no. 1871
- With adapter ring for dismantling protection and shadow gap formation
- With disassembly suction tool
- For individually labelled glass and touch sensors (configured variations), the new Web Configurator generates a layout number, which must be additionally specified when placing the order.
- Many options for labelling (text and/or icons) will be available **from August 2013** via the **new web configurator** at www.berker.com

New



Glass sensor 2gang with thermostat

i 920

- integrated bus coupling unit



Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Wall box 2gang flat	1871	555
Berker IOS electrical power supply 24 V DC RMD	7591 00 03	788
optional		
Temperature sensor	161	150

Design	Order no.	PU
Berker TS Sensor		
glass polar white	* **7564 20 30**	1
glass black	**7564 20 35**	1
glass aluminium	**7564 20 34**	1
Berker TS Sensor - configured		
glass polar white	* **7564 21 30**	1
glass black	**7564 21 35**	1
glass aluminium	**7564 21 34**	1

New



Glass sensor 3gang with thermostat

i 920

- integrated bus coupling unit



Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Wall box 2gang flat	1871	555
Berker IOS electrical power supply 24 V DC RMD	7591 00 03	788
optional		
Temperature sensor	161	150

Design	Order no.	PU
Berker TS Sensor		
glass polar white	* **7564 30 30**	1
glass black	**7564 30 35**	1
glass aluminium	**7564 30 34**	1
Berker TS Sensor - configured		
glass polar white	* **7564 31 30**	1
glass black	**7564 31 35**	1
glass aluminium	**7564 31 34**	1

Glass sensors

- Operation by gently touching the sensor surfaces on the white LEDs
- The blue LED can be set for Continuously ON or external activation
- The white LED can be set for Sensor operation or external activation
- Separate auxiliary power supply needed
- For vertical mounting
- With adapter ring for dismantling protection, shadow jointing and special installation conditions
- With disassembly suction tool
- For individually labelled glass and touch sensors (configured variations), the new Web Configurator generates a layout number, which must be additionally specified when placing the order.
- Many options for labelling (text and/or icons) will be available **from August 2013** via the **new web configurator** at www.berker.com

New

Glass sensor 1gang

i 920



Operating voltage	8 ... 30 V=
LED input voltage	max. 5 V=
Switching voltage	max. 30 V
LED input current	max. 1 mA
Max. switching current	10 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5.7 mm

- flush wall mounting possible with wall box, 2gang, order no. 1870
- RADIO BUS APPLICATIONS:
- for settable functions, see the radio push-button interface
- wiring with adapter for KNX and relay
- RELAY APPLICATIONS:
- wiring with adapter for KNX and relay

Suitable for	Order no.	Page
Berker IOS electrical power supply 24 V DC RMD	7591 00 03	788
Adapter for KNX and relay	7590 00 32	554
Wall box 2gang	1870	545
optional		
Radio button interface 4gang flush-mounted	126	542

Design	Order no.	PU
Berker TS Sensor		
glass polar white	* **1681 00**	1
glass black	**1681 05**	1
glass aluminium	**1681 07**	1
Berker TS Sensor - configured		
glass polar white	* **1691 00**	1
glass black	**1691 05**	1
glass aluminium	**1691 07**	1

New



Glass sensor 2gang

i 920

Operating voltage	8 ... 30 V=
LED input voltage	max. 5 V=
Switching voltage	max. 30 V
LED input current	max. 1 mA
Max. switching current	10 mA
Current consumption (operation)	≈ 26 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5.7 mm

- flush wall mounting possible with wall box, 2gang, order no. 1870
- RADIO BUS APPLICATIONS:
- for settable functions, see the radio push-button interface
- wiring with adapter for KNX and relay
- RELAY APPLICATIONS:
- wiring with adapter for KNX and relay

Suitable for	Order no.	Page
Berker IOS electrical power supply 24 V DC RMD	7591 00 03	788
Adapter for KNX and relay	7590 00 32	554
Wall box 2gang	1870	545
optional		
Radio button interface 4gang flush-mounted	126	542

Design		Order no.	PU
Berker TS Sensor			
glass polar white	*	**1682 00**	1
glass black		**1682 05**	1
glass aluminium		**1682 07**	1
Berker TS Sensor - configured			
glass polar white	*	**1692 00**	1
glass black		**1692 05**	1
glass aluminium		**1692 07**	1

New



Glass sensor 3gang

i 920

Operating voltage	8 ... 30 V=
LED input voltage	max. 5 V=
Switching voltage	max. 30 V
LED input current	max. 1 mA
Max. switching current	10 mA
Current consumption (operation)	≈ 32 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5.7 mm

- flush wall mounting possible with wall box, 2gang, order no. 1870
- RADIO BUS APPLICATIONS:
- for settable functions, see the radio push-button interface
- wiring with adapter for KNX and relay
- RELAY APPLICATIONS:
- wiring with adapter for KNX and relay

Suitable for	Order no.	Page
Berker IOS electrical power supply 24 V DC RMD	7591 00 03	788
Adapter for KNX and relay	7590 00 32	554
Wall box 2gang	1870	545
Wall box 2gang flat	1871	555
optional		
Radio button interface 4gang flush-mounted	126	542

Design		Order no.	PU
Berker TS Sensor			
glass polar white	*	**1683 00**	1
glass black		**1683 05**	1
glass aluminium		**1683 07**	1
Berker TS Sensor - configured			
glass polar white	*	**1693 00**	1
glass black		**1693 05**	1
glass aluminium		**1693 07**	1

New



Glass sensor 4gang

i 920

Operating voltage	8 ... 30 V=
LED input voltage	max. 5 V=
Switching voltage	max. 30 V
LED input current	max. 1 mA
Max. switching current	10 mA
Current consumption (operation)	≈ 38 mA
Surface adjustment	20 mm
Dimensions (W x H x D)	86 x 160 x 5.7 mm

- flush wall mounting possible with wall box, 2gang, order no. 1870
- RADIO BUS APPLICATIONS:
- for settable functions, see the radio push-button interface
- wiring with adapter for KNX and relay
- RELAY APPLICATIONS:
- wiring with adapter for KNX and relay

Suitable for	Order no.	Page
Berker IOS electrical power supply 24 V DC RMD	7591 00 03	788
Adapter for KNX and relay	7590 00 32	554
Wall box 2gang	1870	545
Wall box 2gang flat	1871	555
optional		
Radio button interface 4gang flush-mounted	126	542

Design		Order no.	PU
Berker TS Sensor			
glass polar white	*	**1684 00**	1
glass black		**1684 05**	1
glass aluminium		**1684 07**	1
Berker TS Sensor - configured			
glass polar white	*	**1694 00**	1
glass black		**1694 05**	1
glass aluminium		**1694 07**	1

Supplementary products



Adapter for KNX and relay

- for wiring with universal interfaces, radio push-button interfaces or relay

Suitable for	Order no.	Page
Glass sensors		page 552
System interfaces		page 554
optional		
Radio button interface 4gang flush-mounted	126	542

Design	Order no.	PU
Adapter for KNX and relay	**7590 00 32**	1

System interfaces



Radio button interface 4gang flush-mounted

i 897

Operating voltage	3 V=
Contact cleaner power pulse current	3 mA
Radio transmission range (free field)	max. 100 m
Line length	≈ 290 mm
Line length	≈ 290 mm
Cable length extendable to	max. 5 m
Dimensions (Ø x H)	38 x 10 mm
Battery service life [years]	≈ 3

- function setting by 5 DIP-switches
- functions: 1- and 2-push-button operation for switching and dimming, shutter control, light scenes,
- with red transmit and battery status LED
- each channel can be assigned to any number of radio receivers
- pre-assembled, with 4 cable pairs and plug
- to connect to max. 4 potential-free contacts
- with lithium coin cell battery 3 V type: CR 2032

For battery-operated radio remote control of all assigned radio bus receivers.

Suitable for	Order no.	Page
Glass sensors		page 552
Crystal Ball	1685 78	542
Adapter for KNX and relay	7590 00 32	554
replacement		
Lithium coin cell battery 3 V	1857	545



Design		Order no.	PU
grey matt	#	**126**	1



Lithium coin cell battery 3 V

Charging capacity	0.18 Ah
Output voltage	3 V=

- 2 pcs. for replacement
- type: CR 2032

Suitable for	Order no.	Page
Radio wall transmitter insert	2764	678
Radio hand-held transmitter mini	2769	675
Radio button interface 4gang flush-mounted	126	542

Design	Order no.	PU
Lithium coin cell battery 3 V	**1857**	10

Wall boxes



Wall box 2gang flat

i 920

Dimensions (W x H x D)	68 x 139 x 47.5 mm
Cut hole pitch	71 mm
Cut hole Ø	2 x 68 mm

- flush wall-mounting or with adapter ring
- for flush mounting and hollow-wall mounting

Suitable for	Order no.	Page
Glass sensors comfort		page 549
Glass sensors with thermostat		page 551

Design	Order no.	PU
Wall box 2gang flat	**1871**	1



Wall box 2gang

i 920

Dimensions (W x H x D)	68 x 139 x 75 mm
Cut hole pitch	71 mm
Cut hole Ø	2 x 68 mm

- flush wall-mounting or with adapter ring
- for flush mounting and hollow-wall mounting

Suitable for	Order no.	Page
Glass sensors		page 552

Design	Order no.	PU
Wall box 2gang	**1870**	1

Berker Integro Flow

Especially in small areas, the perfect integration of a switch is essential. The Berker Integro Flow is a particularly successful example of this. With its vaulted surface, it fits perfectly into any environment – and does a wonderful job, even in the smallest of areas.

- Ultra-compact design - particularly suitable for use in mobile homes, kitchen furnishings, electrical appliances or for furniture construction and the field of sanitation
- Also fulfils special requirements, for example in boot construction and in laboratories
- Modular product concept
- Individual customer desires relative to colours, imprints, and materials can be implemented



Frames / Covers / Central inserts

Plastic, glossy

grey	similar to RAL 7038
polar white	similar to RAL 9010
black	similar to RAL 9005

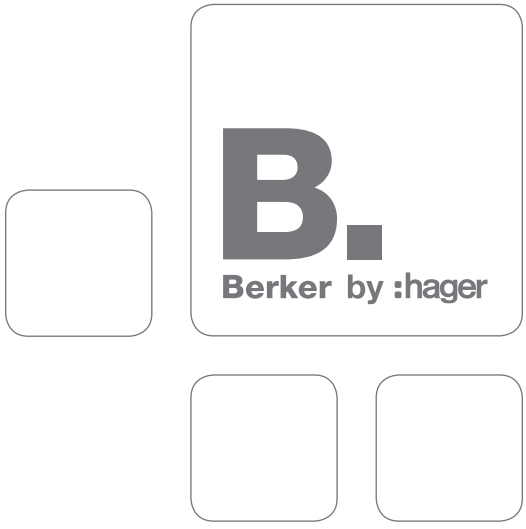
Plastic, lacquered

chrome matt	similar to RAL 9006
stainless steel	similar to RAL 9022

Plastic, matt

brown	similar to RAL 8017
anthracite	similar to RAL 7021

Schuko socket outlets	558
International socket outlet systems	559
Switches/push-buttons	563
Rotary dimmers	566
Blind push-buttons	568
Communication/multimedia technology	568
USB charging sockets	572
Connecting devices 12 V	572
Frames	573
Surface-mounted housing	575
Supplementary products	576



SCHUKO socket outlets

- For 4-hole screw fitting
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Thermoplastic centre plates
- Duroplast base
- Contacts made of copper alloy

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the appropriate sealing and frame with hinged cover (imprint “IP44”).



SCHUKO socket outlet

- Screw terminals

Rated voltage 250 V~
Rated current 16 A

i 922

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 8 ..	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577
Frame with hinged cover and imprint “IP44”	9 1828 ..	575
Sealing	918 53	578

Design	Order no.	PU
brown matt	**9 4185 25 01**	10
anthracite matt	**9 4185 25 05**	10
grey matt	**9 4185 25 06**	10
polar white matt	**9 4185 25 02**	10
black matt	**9 4185 05**	10



SCHUKO socket outlet

- enhanced contact protection
- Screw terminals

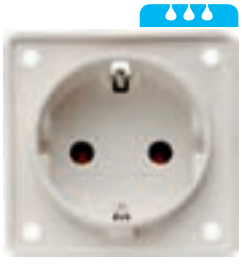
Rated voltage 250 V~
Rated current 16 A

Enhanced contact protection (child protection) according to IEC 60884-1

i 922

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 8 ..	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577
Frame with hinged cover and imprint “IP44”	9 1828 ..	575
Sealing	918 53	578

Design	Order no.	PU
brown matt	**9 4195 25 01**	10
anthracite matt	**9 4195 25 05**	10
grey matt	**9 4195 25 06**	10
polar white matt	**9 4195 25 02**	10
black matt	**9 4195 05**	10



SCHUKO socket outlet

Rated voltage 250 V~
Rated current 16 A

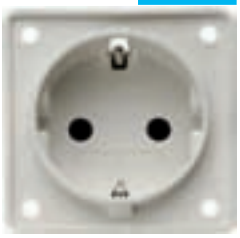
Earth bracket clamping forces according to TNO requirements.
Standard NEN 1010

i 922

- with plug-in terminals

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 8 ..	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577
Frame with hinged cover and imprint “IP44”	9 1828 ..	575
Sealing	918 53	578

Design	Order no.	PU
brown matt	**9 4778 25 01**	10
anthracite matt	**9 4778 25 05**	10
grey matt	**9 4778 25 06**	10
polar white matt	**9 4778 25 02**	10
black matt	**9 4778 25 03**	10



SCHUKO socket outlet

i 922

- enhanced contact protection

– with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Earth bracket clamping forces according to TNO requirements.

Standard NEN 1010

Enhanced contact protection (child protection) according to IEC 60884-1

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 8 ..	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577
Frame with hinged cover and imprint “IP44”	9 1828 ..	575
Sealing	918 53	578

Design	Order no.	PU
brown matt	**9 4779 25 01**	10
anthracite matt	**9 4779 25 05**	10
grey matt	**9 4779 25 06**	10
polar white matt	**9 4779 25 02**	10
black matt	**9 4779 25 03**	10



SCHUKO socket outlet 45°

i 922

- Screw terminals

– for diagonal installation

Rated voltage 250 V~
Rated current 16 A

Suitable for	Order no.	Page
Contact protection box Ø 49 mm	918 8 ..	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577
Contact protection box Ø 58 mm for terminal attachment	818 37	577
Frame with hinged cover and imprint “IP44”	9 1828 ..	575
Sealing	918 53	578

Design	Order no.	PU
brown matt	**8 4185 25 21**	200
anthracite matt	**8 4185 25 25**	200
grey matt	**8 4185 25 26**	200
polar white matt	**8 4185 25 22**	200
black matt	**8 4185 25**	200

International socket outlet systems

Socket outlets without earthing contact

– Connection terminals according to IEC 60884-1
– Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1



Socket outlet without earth contact NETHERLANDS

i 922

- Screw terminals

– 2pole

Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 8 ..	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577

Design	Order no.	PU
brown matt	**9 6184 25 01**	10
anthracite matt	**9 6184 25 05**	10
grey matt	**9 6184 25 06**	10
polar white matt	**9 6184 25 02**	10
black matt	**9 6184 05**	10



Socket outlet without earth contact NETHERLANDS

i 922

- enhanced contact protection
- Screw terminals

– 2pole

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 8 ..	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577

Rated voltage	250 V~
Rated current	16 A
Mirror depth	14.5 mm

Design	Order no.	PU
brown matt	**9 6194 25 01**	10
anthracite matt	**9 6194 25 05**	10
grey matt	**9 6194 25 06**	10
polar white matt	**9 6194 25 02**	10
black matt	**9 6194 05**	10

Euro-American Standard socket outlets



Socket outlet without earth contact EURO-AMERICAN STANDARD

i 922

- enhanced contact protection
- Screw terminals

– 2pole

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 8 ..	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577

Rated voltage	250 V~
Rated current	10 A

Not suitable for SCHUKO plug according to DIN 49441.
Standard GB 1002

Design	Order no.	PU
brown matt	**9 6257 25 01**	10
anthracite matt	**9 6257 25 05**	10
grey matt	**9 6257 25 06**	10
polar white matt	**9 6257 25 02**	10
black matt	**9 6257 25 03**	10

Socket outlets with earthing pin

– Connection terminals according to IEC 60884-1
– Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the appropriate sealing and frame with hinged cover (imprint “IP44”).



Socket outlet with earthing pin

i 922

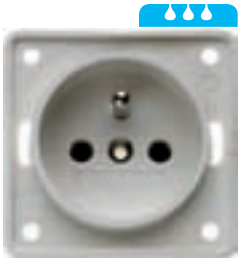
- Screw terminals

– 2pole + earth

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 8 ..	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577
Frame with hinged cover and imprint “IP44”	9 1828 ..	575
Sealing	918 53	578

Rated voltage	250 V~
Rated current	16 A

Design	Order no.	PU
brown matt	**9 6185 25 01**	10
anthracite matt	**9 6185 25 05**	10
grey matt	**9 6185 25 06**	10
polar white matt	**9 6185 25 02**	10
black matt	**9 6185 05**	10



Socket outlet with earthing pin FRANCE/BELGIUM

i 922

- enhanced contact protection
- Screw terminals

– 2pole + earth

Rated voltage 250 V~
Rated current 16 A

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 8 ..	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577
Frame with hinged cover and imprint “IP44”	9 1828 ..	575
Sealing	918 53	578

Design	Order no.	PU
brown matt	**9 6195 25 01**	10
anthracite matt	**9 6195 25 05**	10
grey matt	**9 6195 25 06**	10
polar white matt	**9 6195 25 02**	10
black matt	**9 6195 05**	10

NEMA-socket outlets

New



Socket outlet with earthing contact USA/CANADA NEMA 5-15 R

i 922

- Screw terminals

– 2pole + earth

Rated voltage 125 V~
Rated current 15 A

Standard NEMA 5-15 R

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 8 ..	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577

Design	Order no.	PU
polar white matt, insert white	* **8 6263 25 02**	200
black matt, Insert, brown	* **8 6263 25 03**	200



Socket outlet with earthing contact USA/CANADA NEMA 6-20 R

i 922

- Screw terminals

– 2pole + earth

Rated voltage 250 V~
Rated current 20 A

Connecting terminals only suitable for solid conductors.

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 8 ..	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577

Design	Order no.	PU
brown matt, Insert, brown	**8 6254 25 01**	200
anthracite matt, Insert, brown	**8 6254 25 05**	200
grey glossy, insert white	**8 6254 25 07**	200
polar white glossy, insert white	**8 6254 25 09**	200
black glossy, Insert, brown	**8 6254 25 10**	200

Australian socket outlets



Socket outlet with earth contact AUSTRALIA 15 A

i 922

- Screw terminals

– 2pole + earth
– contact screws, cross-head, size PH2

Rated voltage 250 V~
Rated current 15 A

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 8 ..	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577

Design	Order no.	PU
brown matt, insert black	**9 6256 25 01**	10
anthracite matt, insert black	**9 6256 25 05**	10
grey matt, insert black	**9 6256 25 06**	10
polar white matt, insert black	**9 6256 25 02**	10
black matt, insert black	**9 6256 05**	10

Danish socket outlets



Socket outlet with earth contact DENMARK

922

- enhanced contact protection
- Screw terminals

– 2pole + earth

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 8 ..	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577

Rated voltage 250 V~
Rated current 13 A

Standard DK/SR 107-2-D1

Design	Order no.	PU
brown matt	**9 6272 25 01**	10
anthracite matt	**9 6272 25 05**	10
grey matt	**9 6272 25 06**	10
polar white matt	**9 6272 25 02**	10
black matt	**9 6272 05**	10

Italian socket outlets

New



Socket outlet with earthing contact ITALY

- enhanced contact protection
- Screw terminals

– 2pole + earth
– enhanced contact protection IEC 60884-1
– with screw terminals

Suitable for	Order no.	Page
Contact protection box Ø 49 mm	918 87	577
Contact protection box Ø 49 mm, deep	918 83	577
Contact protection box 2gang	9 1915 0 ..	577
Contact protection box 3gang	919 33	577

Rated voltage 250 V~
Rated current 16 A

Not suitable for fixing clamping ring.

Design	Order no.	PU
anthracite matt, insert black	* **9 6251 25 05**	10
black matt, insert black	* **9 6251 25 03**	10
polar white matt, insert white	* **9 6251 25 02**	10

Swiss socket outlets

– Connection terminals according to IEC 60884-1



Socket outlet with earth contact SWITZERLAND type 13

922

- Screw terminals

– 2pole + earth

Suitable for	Order no.	Page
Contact protection box Ø 49 mm	918 8 ..	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577

Rated voltage 250 V~
Rated current 10 A

Not suitable for fixing clamping ring.

Design	Order no.	PU
brown matt	**9 6249 25 01**	10
anthracite matt	**9 6249 25 05**	10
grey matt	**9 6249 25 06**	10
polar white matt	**9 6249 25 02**	10
black matt	**9 6249 05**	10



Socket outlet with earth contact SWITZERLAND type 23

i 922

- Screw terminals

– 2pole + earth

Suitable for	Order no.	Page
Contact protection box Ø 49 mm	918 8 ..	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577

Rated voltage 250 V~
Rated current 16 A

Not suitable for fixing clamping ring.

Design	Order no.	PU
brown matt	**9 6259 25 01**	10
anthracite matt	**9 6259 25 05**	10
grey matt	**9 6259 25 06**	10
polar white matt	**9 6259 25 02**	10
black matt	**9 6259 25 03**	10

British Standard socket outlets



Socket outlet with earthing contact BRITISH STANDARD

i 922

- enhanced contact protection
- Screw terminals

– 2pole + earth

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm, deep	918 8 ..	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577

Rated voltage 250 V~
Rated current 13 A

Standard BS 1363

Design	Order no.	PU
brown matt	**9 6262 25 01**	10
anthracite matt	**9 6262 25 05**	10
grey matt	**9 6262 25 06**	10
polar white matt	**9 6262 25 02**	10
black matt	**9 6262 05**	10

Switches/push-buttons

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the appropriate sealing and frame with the imprint “IP44”.

Rocker switches



Change-over switch

i 922

Rated voltage 250 V~
Switching current 16 AX

– with screw terminals

Suitable for	Order no.	Page
Contact protection box Ø 45 mm, flat	9 1820 01	576
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 87	577
Contact protection box Ø 49 mm, deep	918 83	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577
Frame with imprint “IP44”	9 1827 ..	574
Sealing	918 53	578

Design	Order no.	PU
brown matt	**9 3656 25 01**	10
anthracite matt	**9 3656 25 05**	10
grey glossy	**9 3656 25 07**	10
polar white glossy	**9 3656 25 09**	10
black glossy	**9 3656 25 10**	10
chrome matt, lacquered	**9 3656 25 68**	10
stainless steel matt, lacquered	**9 3656 25 24**	10



Intermediate switch

922

Rated voltage 250 V~
Switching current 16 AX

– with screw terminals

Suitable for	Order no.	Page
Contact protection box Ø 45 mm, flat	9 1820 01	576
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 87	577
Contact protection box Ø 49 mm, deep	918 83	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577
Frame with imprint “IP44”	9 1827 ..	574
Sealing	918 53	578

Design	Order no.	PU
brown matt	**9 3657 25 01**	10
anthracite matt	**9 3657 25 05**	10
grey glossy	**9 3657 25 07**	10
polar white glossy	**9 3657 25 09**	10
black glossy	**9 3657 25 10**	10
chrome matt, lacquered	**9 3657 25 68**	10
stainless steel matt, lacquered	**9 3657 25 24**	10

Multi-pole rocker switches



On/off switch 2pole with imprint “0”

922

Rated voltage 250 V~
Switching current 16 AX

For switching of 16 A socket outlets, for example.

– with screw terminals

Suitable for	Order no.	Page
Contact protection box Ø 45 mm, flat	9 1820 01	576
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 87	577
Contact protection box Ø 49 mm, deep	918 83	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577
Frame with imprint “IP44”	9 1827 ..	574
Sealing	918 53	578

Design	Order no.	PU
brown matt	**9 3652 25 01**	10
anthracite matt	**9 3652 25 05**	10
grey glossy	**9 3652 25 07**	10
polar white glossy	**9 3652 25 09**	10
black glossy	**9 3652 25 10**	10
chrome matt, lacquered	**9 3652 25 68**	10
stainless steel matt, lacquered	**9 3652 25 24**	10



Control on/off switch 2pole with imprint “0”

922

- Red lens

– for illumination and monitoring circuit
– with integral neon lamp
– with screw terminals

Rated voltage 250 V~
Switching current 10 AX
Neon lamp current 0.9 mA

Suitable for	Order no.	Page
Contact protection box Ø 45 mm, flat	9 1820 01	576
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 87	577
Contact protection box Ø 49 mm, deep	918 83	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577
Frame with imprint “IP44”	9 1827 ..	574
Sealing	918 53	578

Design	Order no.	PU
brown matt	**9 3752 25 01**	10
anthracite matt	**9 3752 25 05**	10
grey glossy	**9 3752 25 07**	10
polar white glossy	**9 3752 25 09**	10
black glossy	**9 3752 25 10**	10
chrome matt, lacquered	**9 3752 25 68**	10
stainless steel matt, lacquered	**9 3752 25 24**	10



Control on/off switch 2pole with imprint “0”, 12 V

922

- Red lens
- Control LED

– for illumination and monitoring circuit
– with screw terminals

Rated voltage	12 V=
Switching current	5 A
LED current	10 mA

Suitable for	Order no.	Page
Contact protection box Ø 45 mm, flat	9 1820 01	576
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 87	577
Contact protection box Ø 49 mm, deep	918 83	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577
Frame with imprint “IP44”	9 1827 ..	574
Sealing	918 53	578

Design	Order no.	PU
brown matt	**9 3762 25 31**	10
anthracite matt	**9 3762 25 35**	10
polar white glossy	**9 3762 25 39**	10
black glossy	**9 3762 25 10**	10
chrome matt, lacquered	**9 3762 25 68**	10
stainless steel matt, lacquered	**9 3762 25 24**	10

Combination rocker switches



Series switch

Rated voltage	250 V~
Switching current	16 AX

– common input terminal
– with screw terminals

Suitable for	Order no.	Page
Contact protection box Ø 45 mm, flat	9 1820 01	576
Contact protection box Ø 49 mm, deep	918 83	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577

Design	Order no.	PU
brown matt	**9 3655 25 01**	10
anthracite matt	**9 3655 25 05**	10
grey glossy	**9 3655 25 07**	10
polar white glossy	**9 3655 25 09**	10
black glossy	**9 3655 25 10**	10
chrome matt, lacquered	**9 3655 25 68**	10
stainless steel matt, lacquered	**9 3655 25 24**	10

Rocker push-buttons



Push-button, NO contact

922

- Screw terminals

– with screw terminals

Rated voltage	250 V~
Momentary-contact current	10 A

Suitable for	Order no.	Page
Contact protection box Ø 45 mm, flat	9 1820 01	576
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 87	577
Contact protection box Ø 49 mm, deep	918 83	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577
Frame with imprint “IP44”	9 1827 ..	574
Sealing	918 53	578

Design	Order no.	PU
brown matt	**9 3671 25 01**	10
anthracite matt	**9 3671 25 05**	10
grey glossy	**9 3671 25 07**	10
polar white glossy	**9 3671 25 09**	10
black glossy	**9 3671 25 10**	10
chrome matt, lacquered	**9 3671 25 68**	10
stainless steel matt, lacquered	**9 3671 25 24**	10



Push-button, NO contact, illuminated

i 922

- Red lens



Rated voltage	250 V~
Momentary-contact current	10 A
Neon lamp current	0.9 mA

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

- for illumination and monitoring circuit
- with integral neon lamp
- with screw terminals

Suitable for	Order no.	Page
Contact protection box Ø 45 mm, flat	9 1820 01	576
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 87	577
Contact protection box Ø 49 mm, deep	918 83	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577
Frame with imprint “IP44”	9 1827 ..	574
Sealing	918 53	578



Design	Order no.	PU
brown matt	**9 3772 25 01**	10
anthracite matt	**9 3772 25 05**	10
grey glossy	**9 3772 25 07**	10
polar white glossy	**9 3772 25 09**	10

Combination rocker push-buttons



Series push-button, 2 NO contacts, common input terminal

Rated voltage	250 V~
Momentary-contact current	10 A

- common input terminal
- with screw terminals

Suitable for	Order no.	Page
Contact protection box Ø 45 mm, flat	9 1820 01	576
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 87	577
Contact protection box Ø 49 mm, deep	918 83	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577



Design	Order no.	PU
brown matt	**9 3675 25 01**	10
anthracite matt	**9 3675 25 05**	10
grey glossy	**9 3675 25 07**	10
polar white glossy	**9 3675 25 09**	10
black glossy	**9 3675 25 10**	10
chrome matt, lacquered	**9 3675 25 68**	10
stainless steel matt, lacquered	**9 3675 25 24**	10

Rotary dimmer

Rotary dimmers



Rotary dimmer 12 V DC

- Setting knob



Rated voltage	12 V=
12 V incandescent lamps and halogen lamps	10 ... 60 W
Quiescent current	3 mA
Axis dimension Ø	4 mm
Insertion depth	33 mm

Do not mount with Berker Integro wall boxes, flush-mounted housings or fixing clamping ring.

- with soft-lock
- with on/off pressure switch
- short-circuit and overload proof (electronic fuse)
- with pulse width modulation (PWM)
- with screw terminals

Design	Order no.	PU
brown matt	**9 2876 25 01**	1
anthracite matt	**9 2876 25 05**	1
grey glossy	**9 2876 25 07**	1
polar white glossy	**9 2876 25 09**	1
black glossy	**9 2876 25 10**	1
chrome matt, lacquered	**9 2876 25 68**	1
stainless steel matt, lacquered	**9 2876 25 24**	1





Rotary dimmer with frame

- Setting knob



Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	60 ... 400 W
Number of built-in power boosters (R, L)	max. 10
Axis dimension Ø	4 mm



Do not mount with Berker Integro wall boxes, flush-mounted housings or fixing clamping ring.

- with change-over pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- phase cut-on
- with screw terminals

i 922

Design	Order no.	PU
brown matt	**9 2871 25 71**	1
anthracite matt	**9 2871 25 75**	1
grey glossy	**9 2871 25 77**	1
polar white glossy	**9 2871 25 79**	1

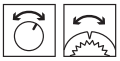


1-10 V Rotary potentiometers



1 - 10 V rotary potentiometer with frame

- Setting knob
- Soft locking



Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	6 A
Control current	50 mA
Axis dimension Ø	4 mm
Insertion depth	22 mm

With excessive switch-on currents, use switching current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

Possible to change fuse without removing cover.

When using LV halogen lamps, we recommend the 1 - 10 V Tronic transformer, 105 W, order no. 2977.

Do not mount with Berker Integro wall boxes, flush-mounted housings or fixing clamping ring.

according to DIN EN 61347-2-3

- basic brightness programmable
- e.g. for fluorescent lamps and LV halogen lamps
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with on/off pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with screw terminals

Suitable for	Order no.	Page
optional		
Making current limiter	185	74

Design	Order no.	PU
brown matt	**9 2891 25 01**	10
anthracite matt	**9 2891 25 05**	10
grey glossy	**9 2891 25 06**	10
polar white glossy	**9 2891 25 09**	10



Blind push-buttons



Blind series push-button with imprinted symbol arrow

Rated voltage 250 V~
Momentary-contact current 10 A

Follow the motor manufacturers' instructions.

- with electrical interlocking to prevent mutual activation
- with screw terminals

Suitable for	Order no.	Page
Contact protection box Ø 45 mm, flat	9 1820 01	576
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 87	577
Contact protection box Ø 49 mm, deep	918 83	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577

Design	Order no.	PU
brown matt	**9 3653 25 01**	10
anthracite matt	**9 3653 25 05**	10
grey glossy	**9 3653 25 07**	10
polar white glossy	**9 3653 25 09**	10
black glossy	**9 3653 25 10**	10
chrome matt, lacquered	**9 3653 25 68**	10
stainless steel matt, lacquered	**9 3653 25 24**	10

Communication/multimedia technology

Aerial sockets



TV

Aerial connector box TV

DIN 45325

Design	Order no.	PU
with soldered connection		
brown matt [1]	**9 4511 25 11**	10
anthracite matt [1]	**9 4511 25 15**	10
grey matt [1]	**9 4511 25 16**	10
polar white matt [1]	**9 4511 25 12**	10
black matt [1]	**9 4511 15**	10
Connection in F system		
brown matt	**9 4581 25 01**	10
anthracite matt	**9 4581 25 05**	10
grey matt	**9 4581 25 06**	10
polar white matt	**9 4581 25 02**	10
black matt	**9 4581 25 03**	10

[1] suitable for frames with hinged covers



TV

Aerial connector box SAT

Not suitable for frames with hinged covers.

- with double F-socket

Design	Order no.	PU
brown matt	**9 4519 25 01**	10
anthracite matt	**9 4519 25 05**	10
grey matt	**9 4519 25 06**	10
polar white matt	**9 4519 25 02**	10
black matt	**9 4519 05**	10



TV

Aerial connector box radio/SAT

Not suitable for frames with hinged covers.

- with IEC and F socket
- with connection in F system

Design	Order no.	PU
brown matt	**9 4560 25 01**	10
anthracite matt	**9 4560 25 05**	10
grey matt	**9 4560 25 06**	10
polar white matt	**9 4560 25 02**	10
black matt	**9 4560 05**	10



TV

Aerial connector box radio/TV

Not suitable for frames with hinged covers.

- with IEC sockets
- with connection in F system

Design	Order no.	PU
polar white matt	**9 4561 25 02**	10



TV

Aerial connector box TV/SAT

Not suitable for frames with hinged covers.

- with IEC and F socket
- with connection in F system

Design	Order no.	PU
grey matt	**8 4563 25 06**	200
black matt	**8 4563 25 03**	200

Data communication



Double supporting plate for MINI-COM modules

Not suitable for hinged cover.

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com 3.5 mm stereo connection/coupling modules
- for Mini-Com BNC connector modules
- for Mini-Com Cinch connection/coupling modules
- for Mini-Com D-Subminiature connectors 15pole
- for Mini-Com F-plug coupling modules
- for Mini-Com speaker wire/banana plug modules
- for Mini-Com S-Video connection/coupling modules
- for Mini-Com dummy modules 1gang

Suitable for — **Order no.** — **Page**
Multimedia modules — page 571

Manufacturer product line — **Art. No.**
Modules
Panduit

Design	Order no.	PU
anthracite glossy	**9 4559 25 05**	10
grey glossy	**9 4559 25 07**	10
polar white glossy	**9 4559 25 09**	10
black glossy	**9 4559 05**	10



Mini jack, 8-pole

913

Cat.5 according to DIN EN 50173-1 and ISO/IEC 11801, 2nd edition

Cat.6 according to DIN EN 50173-1 and ISO/IEC 11801, 2nd edition

Protective screen according to DIN EN 55022, class B

Colour code A and B according to TIA/EIA-568-B.2

– with cutting terminals

Suitable for	Order no.	Page
Central plate for 3 MINI-COM modules	1427 ..	168
Double supporting plate for MINI-COM modules	9 4559 ..	569
Supporting plate 2gang for BTR-/E-DAT modules	8 4558 25 ..	571

UAE





Design	Order no.	PU
Cat.6, RJ45, shielded (AWG 26)		
RJ45, cat.6, shielded (AWG 26)	**1985**	1
Cat.5e, RJ45, shielded (AWG 24-22)		
RJ45, cat.5e, shielded (AWG 24-22)	**1984**	1
Cat.3, RJ45, ISDN-compatible, unshielded (AWG 24-22)		
black	**1980**	1



Supporting plate 1gang for AMP modular jacks

Indexing dimension (W x H) ≈ 14.9 x 20.7 mm

Not suitable for hinged cover.

– for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6

Manufacturer product line	Art. No.
EMT modular jack	
AMP	
Standard 110 Connect jack	
AMP	
MT-RJ jack	
AMP	
Intracom	
Telena	
Modular jacks	
Brand-Rex	
CobiNet	
EFB Electronic	
Schumann	
SL series toolless jack	
AMP	

Design	Order no.	PU
anthracite glossy	**9 4557 25 05**	10
grey glossy	**9 4557 25 07**	10
polar white glossy	**9 4557 25 09**	10
black glossy	**9 4557 05**	10



Supporting plate 2gang for BTR-/E-DAT modules

Not suitable for hinged cover.

- with 25° oblique outlet
- for 130898-00-I BTR blank module
- for 130898-01-I BTR coax module F/F
- for 130898-02-I BTR coax module F/IEC socket
- for 130898-03-I BTR coax module F/IEC connector
- for 130908-I BTR UAE module Cat.5e 8(8)
- for 130909-I BTR UAE module Cat.6 8(8)
- for 130910-I BTR E-Dat module Cat.6a 8(8)
- for 1309A0-I BTR E-Dat module coupling 8(8) Cat.6
- for 15091001-I BTR Op-Dat module ST
- for 15091070-I BTR Op-Dat module LC
- for 15091071-I BTR Op-Dat module LC
- for 185700 Dätwyler Unilan socket module MS 1/8 Cat.6
- for 185750 Dätwyler Unilan socket module MU 1/8 Cat.6
- for 417446 Dätwyler Unilan RJ45 feed-through coupling

Manufacturer product line **Art. No.**
Modules
BTR NETCOM

Design	Order no.	PU
anthracite glossy	**8 4558 25 05**	100
grey glossy	**8 4558 25 07**	100
polar white glossy	**8 4558 25 09**	100
black glossy	**8 4558 25 10**	100

Multimedia modules



Cinch module set audio

ℹ 912

Conductor Ø	0.5 ... 0.65 mm (AWG 24-22)
Conductor cross-section	0.2 mm² ... 0.325 mm²
Dimensions, per module (W x H x D)	15 x 18 x 35 mm

- with 2 Cinch sockets and module carriers
- with tool free cutting terminals

Suitable for	Order no.	Page
Central plate for 3 MINI-COM modules	1427 ..	168
Double supporting plate for MINI-COM modules	9 4559 ..	569

CINCH

Design	Order no.	PU
polar white/red	**1989**	1



Cinch module video

ℹ 912

Conductor Ø	0.5 ... 0.65 mm (AWG 24-22)
Conductor cross-section	0.2 mm² ... 0.325 mm²
Dimensions (W x H x D)	15 x 18 x 35 mm

- with cinch socket and module carrier
- with tool free cutting terminals

Suitable for	Order no.	Page
Central plate for 3 MINI-COM modules	1427 ..	168
Double supporting plate for MINI-COM modules	9 4559 ..	569

CINCH

Design	Order no.	PU
polar white/yellow	**1992**	1



VGA module

ℹ 912

Conductor cross-section	1.5 mm²
Dimensions (W x H x D)	31 x 18 x 35 mm

- occupies 2 MINI-COM module spaces in the cover
- Transmission SVGA compatible
- with a 15pole D-subminiature socket
- with screw-in lift terminals

Suitable for	Order no.	Page
Central plate for 3 MINI-COM modules	1427 ..	168
Double supporting plate for MINI-COM modules	9 4559 ..	569

VGA

Design	Order no.	PU
polar white/black	**1994**	1



S-Video module

912

Conductor Ø	0.5 ... 0.65 mm (AWG 24-22)
Conductor cross-section	0.2 mm² ... 0.325 mm²
Dimensions (W x H x D)	15 x 18 x 35 mm

- with S-Video and module carrier
- with tool free cutting terminals

Suitable for	Order no.	Page
Central plate for 3 MINI-COM modules	1427 ..	168
Double supporting plate for MINI-COM modules	9 4559 ..	569

S-Video

Design	Order no.	PU
polar white/black	**1993**	1



Blank module

Dimensions (W x H x D)	15 x 18 x 35 mm

Suitable for	Order no.	Page
Central plate for 3 MINI-COM modules	1427 ..	168
Double supporting plate for MINI-COM modules	9 4559 ..	569

Design	Order no.	PU
polar white	**1990**	1

USB charging socket outlets



230 V USB charging socket outlet

- Screw terminals

Input voltage	100 ... 240 V~
Frequency	50/60 Hz
Output voltage	5 V= (± 5 %)
Output current	max. 500 mA
Power consumption (standby)	50 mW
Conductor cross-section (rigid)	max. 2.5 mm²

- short-circuit and overload proof (electronic fuse)
- for charging mobile end devices via USB cable
- with 2 USB sockets type A
- with screw terminals

Suitable for	Order no.	Page
Contact protection box Ø 49 mm, deep	918 83	577
Contact protection box 2gang	9 1915 0 ..	577
Contact protection box 3gang	919 33	577

No data transmission possible!
USB connections according to DIN EN 50558

Design	Order no.	PU
anthracite matt	**9 2600 25 05**	1
polar white matt	**9 2600 25 09**	1

Connecting devices 12 V



Socket outlet 12 V

Operating voltage	6 ... 24 V
Rated current	max. 16 A
Flat connector size (size width x size width)	6.3 x 0.8 mm

- with fast-on terminal connection

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	576
Contact protection box Ø 49 mm	918 8 ..	577
Contact protection box 2gang	9 191 ..	577
Contact protection box 3gang	919 33	577
Plug 12 V	4637	573

Note:
When using 12 V connector (order no. 4637), observe max. rated current of 8 A.
DIN EN ISO 4165

Design	Order no.	PU
brown matt	**9 4517 25 01**	10
anthracite matt	**9 4517 25 05**	10
grey glossy	**9 4517 25 07**	10
polar white glossy	**9 4517 25 09**	10
black matt	**9 4517 05**	10



Socket outlet 12 V

Operating voltage	12 ... 24 V
Rated current for 1.5 mm²	max. 15 A
Rated current for 2.5 mm²	max. 20 A
Flat connector size (size width x size width)	6.3 x 0.8 mm

– with fast-on terminal connection

Not suitable for touch-protection boxes (cavity walls).
SAE J563 (Feb. 2009), VW standard TL82285 (Apr. 2007)

Design	Order no.	PU
brown matt	**8 4571 25 01**	200
anthracite matt	**8 4571 25 05**	200
grey glossy	**8 4571 25 07**	200
polar white glossy	**8 4571 25 09**	200
black matt	**8 4571 25 03**	200



Plug 12 V

Operating voltage	12 ... 24 V
Rated current	max. 8 A

– with solder connection

Suitable for	Order no.	Page
Socket outlet 12 V	9 4517 ..	572

Design	Order no.	PU
black, matt	**4637**	1

Frames

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the appropriate sealing and Integro module insert.



Frame 1gang

i 922

Design	Order no.	PU
brown matt	**9 1827 25 01**	10
anthracite matt	**9 1827 25 05**	10
grey glossy	**9 1827 25 07**	10
polar white glossy	**9 1827 25 09**	10
black glossy	**9 1827 25 10**	10
chrome matt, lacquered	**9 1827 25 58**	10
stainless steel matt, lacquered	**9 1827 25 24**	10



Frame 2gang

i 922

– for vertical and horizontal mounting

Design	Order no.	PU
brown matt	**9 1826 25 11**	2
anthracite matt	**9 1826 25 15**	2
grey glossy	**9 1826 25 07**	2
polar white glossy	**9 1826 25 19**	2
black glossy	**9 1826 25 10**	2
chrome matt, lacquered	**9 1826 25 58**	2
stainless steel matt, lacquered	**9 1826 25 24**	2



Frame 3gang

922

– for vertical and horizontal mounting

Design	Order no.	PU
brown matt	**9 1819 25 11**	2
anthracite matt	**9 1819 25 15**	2
grey glossy	**9 1819 25 07**	2
polar white glossy	**9 1819 25 19**	2
black glossy	**9 1819 25 10**	2
chrome matt, lacquered	**9 1819 25 68**	2
stainless steel matt, lacquered	**9 1819 25 24**	2



Frame

- Labelling field

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
anthracite matt	**9 1803 25 05**	10
grey glossy	**9 1803 25 07**	10
polar white glossy	**9 1803 25 09**	10
chrome matt, lacquered	**9 1803 25 68**	10



Frame with imprint “IP44”

922

Not for switches/buttons with split rocker!
IP44

– without sealing
– for water-proof covering of rocker switches/rocker push-buttons

Suitable for	Order no.	Page
Sealing	918 53	578

Design	Order no.	PU
brown matt	**9 1827 25 91**	10
anthracite matt	**9 1827 25 95**	10
grey glossy	**9 1827 25 97**	10
polar white glossy	**9 1827 25 99**	10
chrome matt, lacquered	**9 1827 25 68**	10

Frames with hinged cover



Frame with hinged cover

– for covering on socket outlets

Design	Order no.	PU
brown matt	**9 1828 25 01**	10
anthracite matt	**9 1828 25 05**	10
grey glossy	**9 1828 25 07**	10
polar white glossy	**9 1828 25 09**	10
black glossy	**9 1828 25 10**	10
chrome matt, lacquered	**9 1828 25 78**	10
stainless steel matt, lacquered	**9 1828 25 24**	10



Frame with hinged cover

- Labelling field

– for covering on socket outlets
– with 2 labelling field inlays, neutral and perforated for socket outlet with indicator LED

Labelling field height arranged for P-touch strips 9 mm.

Design	Order no.	PU
anthracite matt	**9 1988 25 05**	10
grey glossy	**9 1988 25 06**	10
polar white glossy	**9 1988 25 02**	10



Frame with hinged cover and imprint “IP44”

- without sealing
- for waterproof covering of socket outlets

Suitable for	Order no.	Page
Sealing	918 53	578

Design	Order no.	PU
brown matt	**9 1828 25 91**	10
anthracite matt	**9 1828 25 95**	10
grey glossy	**9 1828 25 97**	10
polar white glossy	**9 1828 25 99**	10
chrome matt, lacquered	**9 1828 25 68**	10

Surface-mounted housings



Surface-mounted housing high

i 922

Dimensions (W x H x D) 59.5 x 59.5 x 41 mm

For suitable tube entries and replacements for wire and duct entries, refer to Accessories.

- with cable entry
- for mounting on combustible base surface
- to built-on installation of devices

Suitable for	Order no.	Page
optional		
Tube entry		page 578
replacement		
Wire and duct entry		page 578



Design	Order no.	PU
without strain relief		
brown glossy	**9 1151 25 01**	10
anthracite glossy	**9 1151 25 05**	10
grey glossy	**9 1151 25 07**	10
polar white glossy	**9 1151 25 09**	10
black glossy	**9 1151 25 10**	10
with strain relief		
brown glossy	**9 1151 25 11**	10
anthracite glossy	**9 1151 25 15**	10
grey glossy	**9 1151 25 17**	10
polar white glossy	**9 1151 25 19**	10
black glossy	**9 1151 25 20**	10



Surface-mounted housing flat

i 922

Dimensions (W x H x D) 59.5 x 59.5 x 16 mm

- for mounting on combustible base surface
- to built-on installation of switches and push-buttons



Design	Order no.	PU
without strain relief		
anthracite glossy	**9 1152 25 25**	10
polar white glossy	**9 1152 25 29**	10
with 1 strain relief		
anthracite glossy	**9 1152 25 55**	10
polar white glossy	**9 1152 25 59**	10



with 2 Strain reliefs		
anthracite glossy	**9 1152 25 65**	10
polar white glossy	**9 1152 25 69**	10

Supplementary products

Blind plates



Blind plug

– with supporting plate

Design	Order no.	PU
brown matt	**9 4516 25 01**	10
anthracite matt	**9 4516 25 05**	10
grey glossy	**9 4516 25 07**	10
polar white glossy	**9 4516 25 09**	10
black glossy	**9 4516 25 10**	10
chrome matt, lacquered	**8 4516 25 68**	200
stainless steel matt, lacquered	**9 4516 25 24**	10

Spacer rings



Surface-mounted spacer ring

i 922

Dimensions (W x H x D) 59.5 x 59.5 x 10 mm

– for the reduction of the installation depth of the devices and surf.-mount. of switches and push-b.

Design	Order no.	PU
brown glossy	**9 1825 25 11**	10
anthracite glossy	**9 1825 25 15**	10
grey glossy	**9 1825 25 06**	10
polar white glossy	**9 1825 25 12**	10
black glossy	**9 1825 25 10**	10
chrome matt, lacquered	**9 1825 25 68**	10
stainless steel matt, lacquered	**9 1825 25 24**	10

Contact protection boxes

– Flame resistant according to VDE 0606-1



Contact protection box Ø 45 mm, flat

i 922

Cable Ø max. 12 mm
Insertion depth 22 mm

– only for switches and push-buttons
– with cable entry

Strain relief not suitable for flat cables.

Design	Order no.	PU
grey, with strain relief	**9 1820 01**	200



Contact protection box Ø 45 mm

i 922

Cable Ø max. 12 mm
Insertion depth 35.5 mm

– for switches and socket outlets
– with 4 cable entries
– 6 knockout openings

Strain relief not suitable for flat cables.

Design	Order no.	PU
grey, with strain relief	**918 20**	200



Contact protection box Ø 49 mm

i 922

Cable Ø max. 12 mm
Insertion depth 38 mm

- with 2 cable entries

Strain relief not suitable for flat cables.

Design	Order no.	PU
grey, with 1x internal double cable clamp on side	**918 87**	200



Contact protection box Ø 49 mm, deep

i 922

Cable Ø max. 12 mm
Insertion depth 45.5 mm

- with 2 cable entries on backside
- 1 knock out opening

Strain relief not suitable for flat cables.

Design	Order no.	PU
grey, with 1x external double strain relief	**918 83**	200



Contact protection box 2gang

i 922

Cable Ø max. 12 mm
Insertion depth 37 mm
length 109 mm
Width 49 mm

- for vertical and horizontal mounting
- with 2 cable entries
- 1 knock out opening

Only suitable for 2gang frames!
Strain reliefs not suitable for flat cables.

Design	Order no.	PU
grey, with strain relief	**9 1915 01**	10
grey, with 2 Strain reliefs	**9 1915 02**	10



Contact protection box 3gang

i 922

Cable Ø max. 12 mm
Insertion depth 38 mm
length 168 mm
Width 49 mm

- for vertical and horizontal mounting
- with 6 cable entries, 1 per side, top, bottom and 2 on backside
- 5 knock out openings

Strain relief not suitable for flat cables.
Restricted installation options apply if the cable clamp is mounted on the front face.

All devices can optionally be arranged vertically or horizontally.

Only suitable for 3gang frames!

Design	Order no.	PU
grey, with 1 strain relief	**919 33**	10



Contact protection box Ø 58 mm for terminal attachment

Cable Ø max. 12 mm
Insertion depth 35 mm

Suitable for	Order no.	Page
Fixing clamping ring	818 36 ..	578

Strain relief not suitable for flat cables.

Design	Order no.	PU
grey, with 1x internal cable clamp	**818 37**	200

Fixing clamping ring



Fixing clamping ring

Hole Ø 50 mm

For Berker Integro inserts, e. g. for installation in mirrors.

Suitable for	Order no.	Page
Contact protection box Ø 58 mm for terminal attachment	818 37	577

Design	Order no.	PU
grey, Material thickness 5 mm	**818 36**	200
dark grey, Material thickness 4 mm	**8 1836 01**	200
polar white matt, Material thickness 6 mm	**8 1836 02**	200

Mounting templates



Mounting template 3gang, cardboard

For precise hole drilling for 1gang appliances and for 2gang and 3gang combinations.

Design	Order no.	PU
grey, cardboard	**918 44**	10

Entries/connectors



Wire and duct entry

Also suitable for surface-mounted frames and housings from the flush-mounted ranges.

- for wire or 15 x 15 mm cable duct

Suitable for	Order no.	Page
Surface-mounted housing high	9 1151 ..	575

Design	Order no.	PU
white	**1813**	10
polar white	**1813 09**	10
black	**1813 05**	10



Tube entry

Distance from wall to centre of pipe 16 mm

Also suitable for surface-mounted frames and housings from the flush-mounted ranges.

Suitable tubes for surface-mounted installation can be purchased at www.fraenkische-elektro.de.

- for tubes with coupling dia. 20.5 mm (PG 13.5) and M 20
- for tubes with Ø 15.2 mm (PG 9) and M 16

Suitable for	Order no.	Page
Surface-mounted housing high	9 1151 ..	575

Design	Order no.	PU
polar white	**1817 09**	10
black	**1817 05**	10

Sealings IP44



Sealing

Not for switches/buttons with split rocker!

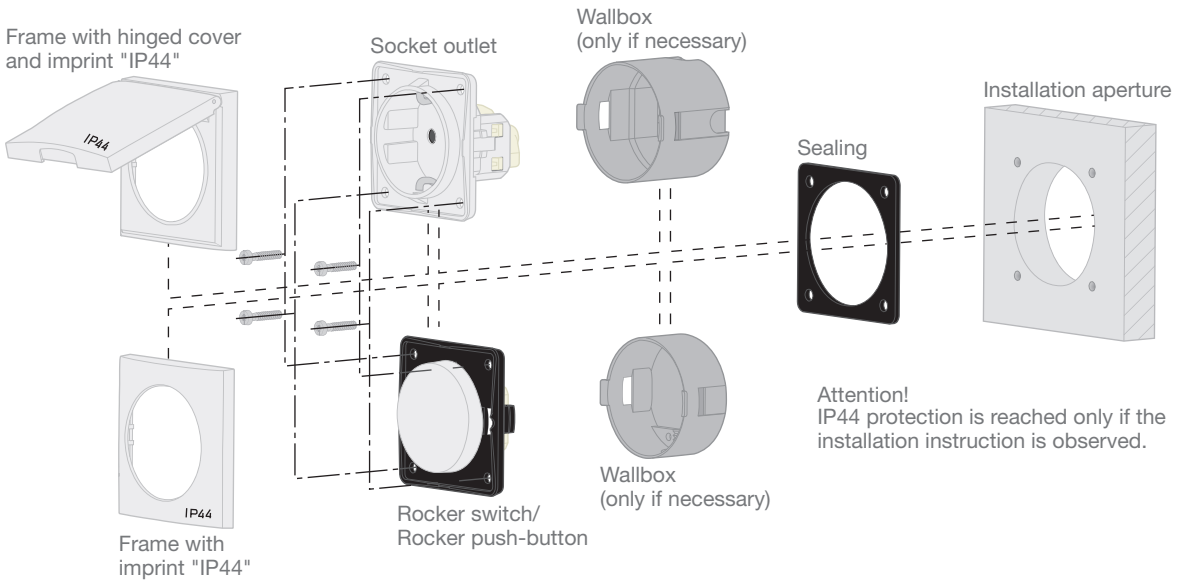
- for SCHUKO socket outlets and socket outlets with earthing pin (frame with hinged cover required!)
- for rocker switches/rocker push-buttons

Suitable for	Order no.	Page
SCHUKO socket outlets		page 558
Socket outlets with earthing pin		page 560
Rocker switches		page 563
Multi-pole rocker switches		page 564
Multi-pole rocker switches		page 564
Rocker push-buttons		page 565
Frame with imprint “IP44”	9 1827 ..	574
Frame with hinged cover	9 1828 ..	574

IP44

Design	Order no.	PU
black	**918 53**	10

Installation instructions IP44 for Berker Integro Flow



Berker Manufacture

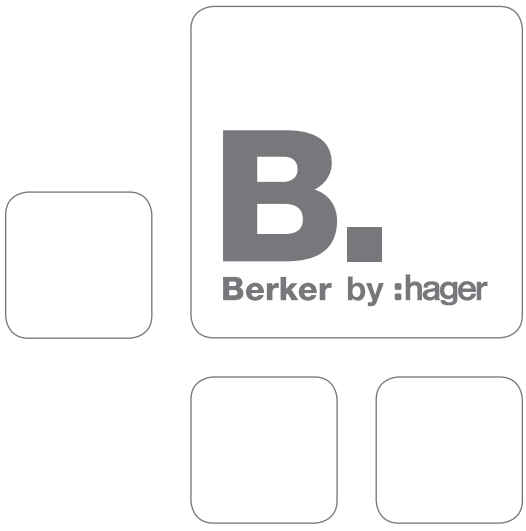
More and more people are following the trend of not following a trend. for these people, there is Berker Manufacture.

This is where we create switches that are a real blend of hi-tech and handicraft, that are utterly unique. We often design items together with architects and planners for a very particular property or for a special project. Some have their source in the very special wishes of a property owner who is looking for somethingwhich they can simply not find available on the market.

It‘s a source of pride to us that we can make these wishes a reality. What matters is individuality, so almost every product is one of a kind. And therefore as individual as the environment for which it has been made.



Real one-offs, made to measure	582
Custom switches for unique buildings	583
Maximise your possibilities	584
Individual push-button	585



Berker was founded in 1919 as a „Specialised factory for Electrotechnical Devices“.



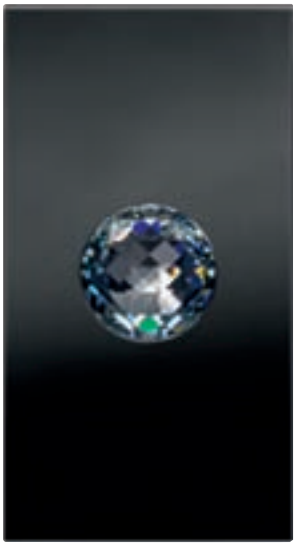
Berker TS,
brazened brass



Berker B.7,
brazened brass



Berker TS,
Aluminium black, anodised



Berker TS Crystal Ball,
black



Berker TS,
black, with socket outlet

Special labeling – lettering and symbols



Berker B.7,
with lettering



Berker S.1,
with symbols and logo



Berker B.IQ,
with laser-cut symbols

Surface treatment



Berker B.7,
chrome, high-gloss



Berker TS,
chrome, high-gloss

Surface treatment



Berker K.5,
chrome, glossy



Berker K.1,
black, glossy



Berker K.1,
polar white, matt

Special processing



Berker TS,
with socket outlets



Berker TS brass with push-button
and room thermostat



Berker TS, special length,
printed lettering



Berker TS Sensor with graphical temperature display,
dark grey background colour, light grey labelling

Flush-mounted wet-room installation

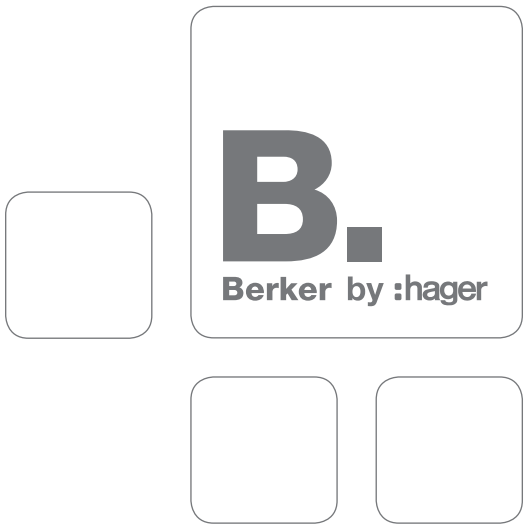
Even in places where things can get damp or wet, it‘s still not necessary to forget about aesthetics: some rockers, centre plates and sockets from the Berker Q.1/Q.3, K.1/K.5, Arsys and R.1/R.3 switch programmes can be installed so that they are water-proof. Sole condition: the seal must be installed full-face.

- Frames and covers to match the inserts for standard and comfort ranges (not including key switches)
- Sealing sets available for selected standard and comfort ranges
  Important: note that there are different sealing sets for switches/push-buttons, socket outlets/centre plates and key switches/key push-buttons

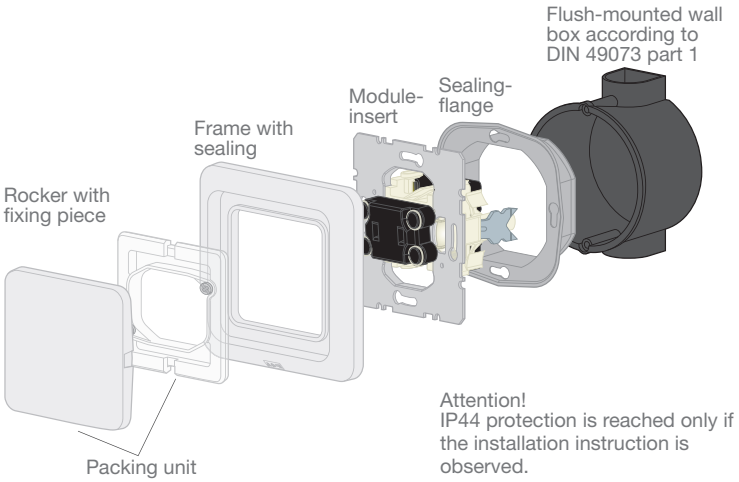
Full-face sealing is essential.



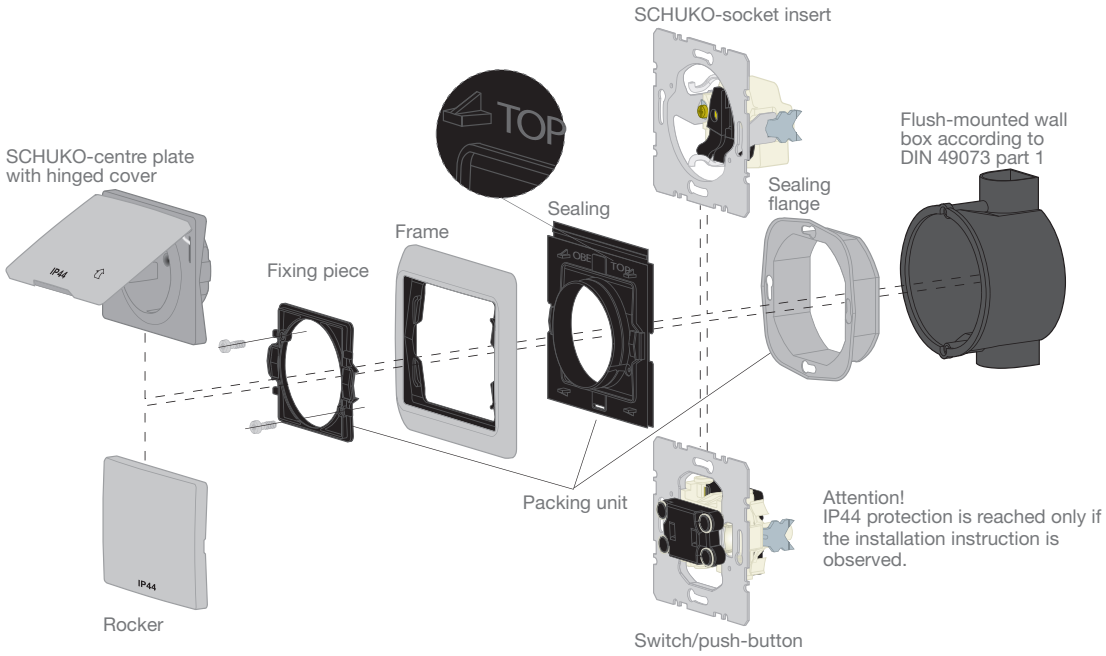
Schuko socket outlets	591
International socket outlet systems	594
Covers for switches/push-buttons	594
Covers for dimmers	599
BLC controllers	600
Covers for blind switches/push-buttons	603
HAVAC covers	604
Covers for pilot lamps	606
Blank plates	607
Barrier-free construction	608
Sealings IP44	610
Intermediate rings for central plates	612



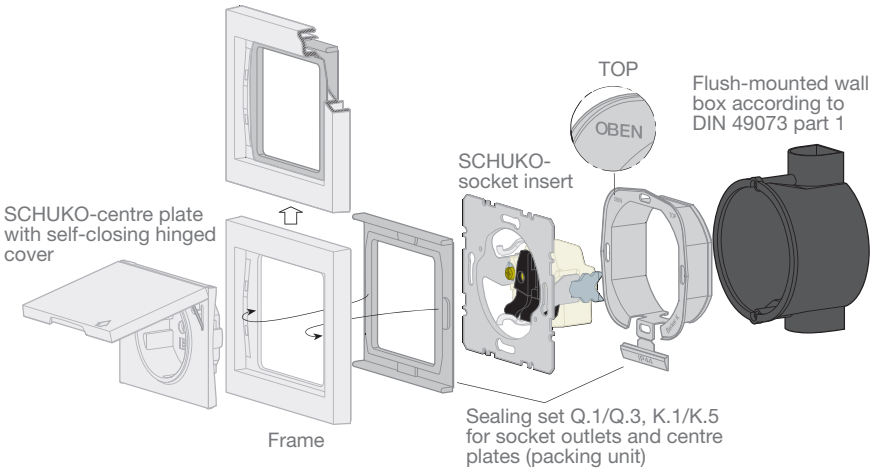
Installation instructions for flush-mounted splash protected IP44

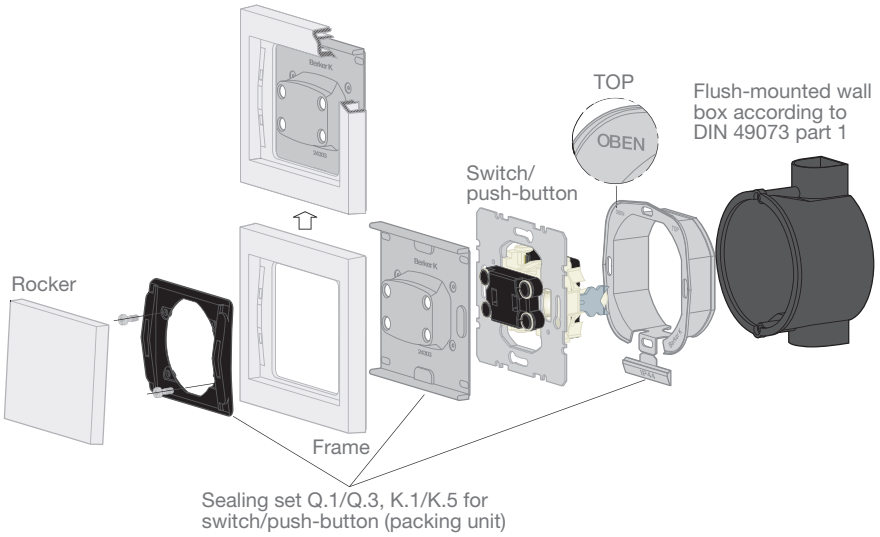


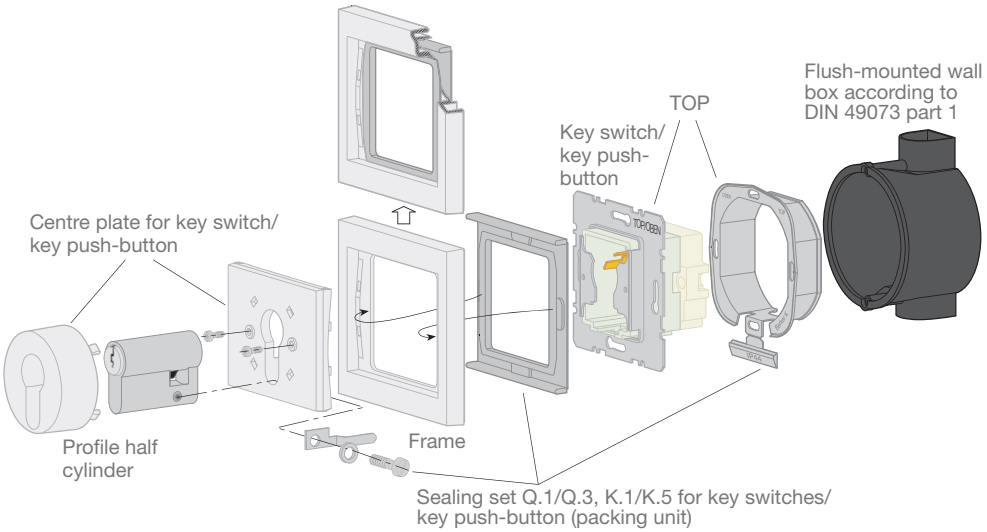
Installation instructions for Berker ARSYS IP44



Installation instructions for Berker Q.1/Q.3 and K.1/K.5



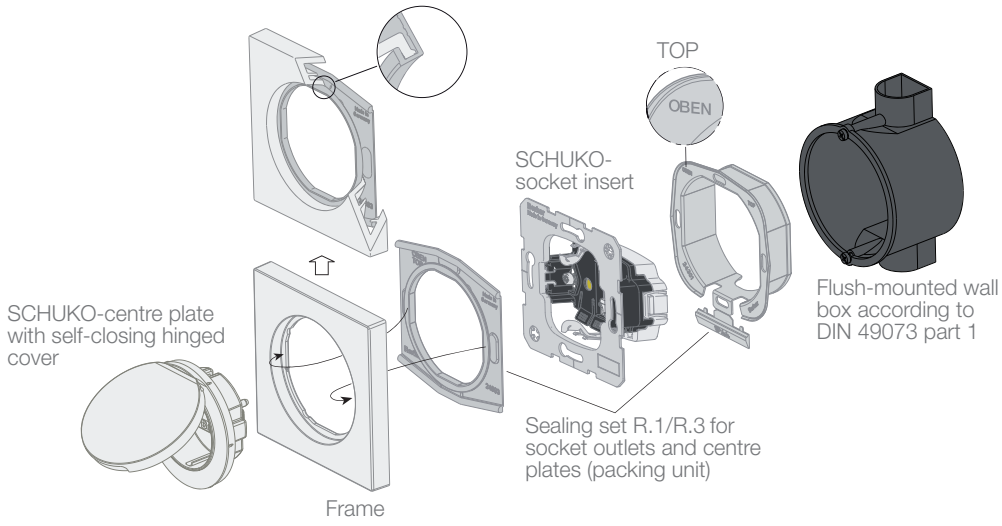


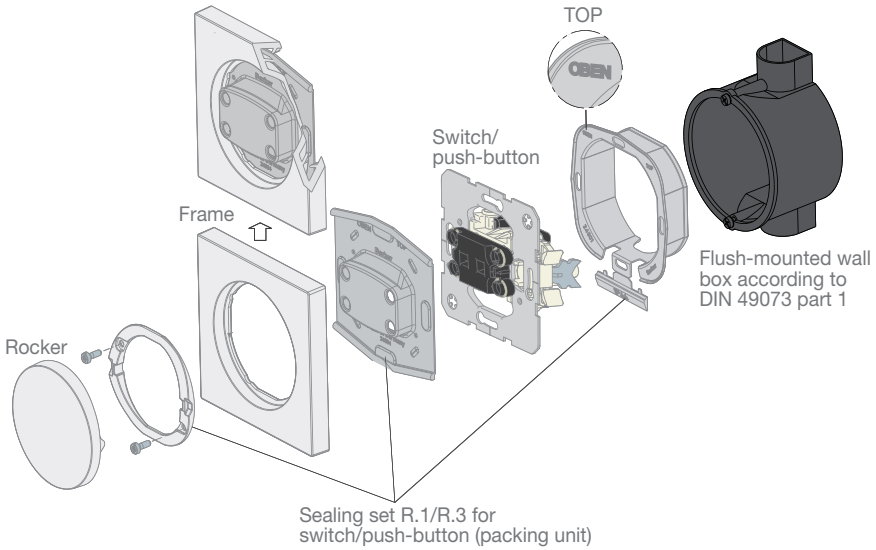


Application
IP44 protection is reached by using the sealing set and installing
- in flush-mounted wall box according to DIN 49073 part 1
- on smooth, even, vertically walls
- in finery-concisely inserted flush mounted wall boxes
IP44 protection is not guaranteed for floor assembly, ceiling mounting and assembly in hollow wall boxes.

Attention!
IP44 protection is reached only if all installed articles are IP44 suitable (check markings) and the installation instruction is observed!

Installation instructions for Berker R.1/R.3





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Attention!
IP44 protection is reached only if all installed articles are IP44 suitable (check markings) and the installation instruction is observed!

SCHUKO socket outlets with hinged cover

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

SCHUKO socket outlets with hinged cover



SCHUKO socket outlet with hinged cover i 853

Rated voltage 250 V~
Rated current 16 A

- with imprint
- with plug-in terminals



Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	**4715**	10
polar white glossy	**4715 09**	10
brown glossy	**4715 01**	10
Berker Arsys - for sealing set Order no. 1010 00		
Stainless steel, metal matt finish	**4758 10 04**	10



SCHUKO socket outlet with hinged cover i 853

- enhanced contact protection

- with imprint
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A



Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	**4716**	10
polar white glossy	**4716 09**	10
brown glossy	**4716 01**	10
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00		
polar white velvety	**4751 60 89**	10
anthracite velvety, lacquered	* **4751 60 86**	10

Berker K.1/K.5 - for sealing set Order no. 1010 72 00		
polar white glossy	**4751 72 09**	10
anthracite matt, lacquered	**4751 72 06**	10
Aluminium, aluminium anodised	* **4751 72 03**	10
Stainless steel, metal matt finish	**4751 72 04**	10
Berker Arsys - for sealing set Order no. 1010 00		
Stainless steel, metal matt finish	**4758 30 04**	10



Berker R.1/R.3 - for sealing set Order no. 1010 76 00		
polar white glossy	* **4751 20 89**	10
black glossy	* **4751 20 45**	10



SCHUKO socket outlet with hinged cover

i 853

- Labelling field

- with imprint
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A



Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy [1]	**4719**	10
polar white glossy [1]	**4719 09**	10
brown glossy [1]	**4719 01**	10
Berker Arsys - for sealing set Order no. 1010 00		
Stainless steel, metal matt finish [2]	**4758 20 04**	10

[1] labelling field height arranged for 9 mm P-touch strips
[2] labelling field height arranged for 6 mm P-touch strips

New

SCHUKO socket outlet with hinged cover

i 853

- Labelling field
- enhanced contact protection

- with imprint
- with self-closing hinged covers
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.



Design	Order no.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00		
polar white velvety	**4752 60 89**	10
anthracite velvety, lacquered	* **4752 60 86**	10
Berker K.1/K.5 - for sealing set Order no. 1010 72 00		
polar white glossy	**4752 72 09**	10
anthracite matt, lacquered	**4752 72 06**	10
Aluminium, aluminium anodised	* **4752 72 03**	10
Stainless steel, metal matt finish	**4752 72 04**	10



SCHUKO socket outlet with frame and hinged cover

i 853

Rated voltage 250 V~
Rated current 16 A

- with imprint
- with sealing flange
- with plug-in terminals

Design	Order no.	PU
Flush-mounted splash-protected IP44		
white glossy	**4718**	10
polar white glossy	**4718 09**	10
brown glossy	**4718 01**	10



SCHUKO socket outlet with cover plate and hinged cover

i 853

- Screw terminals

- with sealing cup
- for single mounting
- without spreader claws

Rated voltage 250 V~
Rated current 16 A

Design	Order no.	PU
Flush-mounted splash-protected IP44		
polar white glossy	**4211 09**	1
grey glossy	**4211**	1



SCHUKO socket outlet with hinged cover

i 853

- Lock - uneven closings

- e. g. for washing machine
- with imprint
- with 2 keys
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Spare keys and other closures (max. 24) on request.

Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	**4763**	1
polar white glossy	**4763 09**	1
brown glossy	**4763 01**	1



SCHUKO socket outlet with cover plate and hinged cover

i 853

- Lock - uneven closings
- Screw terminals

- e. g. for washing machine
- with sealing cup
- with 2 keys
- for single mounting
- without spreader claws

Rated voltage 250 V~
Rated current 16 A

Spare keys and other closures (max. 24) on request.

Design	Order no.	PU
Flush-mounted splash-protected IP44		
polar white glossy	**4212 09**	1
grey glossy	**4212**	1

SCHUKO socket outlets for special applications



SCHUKO socket outlet with hinged cover and imprint

i 853

- Labelling field
- enhanced contact protection

- with self-closing hinged covers
- with plug-in terminals

Rated voltage 250 V~
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00		
polar white velvety, Imprint “EDV” in red	**4752 60 59**	10
polar white velvety, Imprint “SV” in green	**4752 60 39**	10
polar white velvety, Imprint “ZSV” in orange	**4752 60 49**	10

International socket outlet systems

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.



Socket outlet with earthing contact and hinged cover USA/CANADA NEMA 5-15 R — i 853

- Screw terminals
- 2pole + earth
- without spreader claws

Rated voltage 125 V~
Rated current 15 A

Not UL-certified.
Standard NEMA 5-15 R

Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	**4202**	10



Socket outlet with earthing contact and hinged cover USA/CANADA NEMA 5-20 R — i 853

- Screw terminals
- 2pole + earth
- without spreader claws

Rated voltage 125 V~
Rated current 20 A

Not UL-certified.
Standard NEMA 5-20 R

Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	**4203**	10

Covers for switches/push-buttons

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

Covers for rocker switches/rocker push-buttons

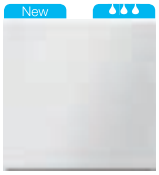


Rocker

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	**1550**	10
polar white glossy	**1550 09**	10
brown glossy	**1550 01**	10
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00		
polar white velvety	**1620 60 89**	10
anthracite velvety, lacquered	* **1620 60 86**	10





Berker K.1/K.5 - for sealing set Order no. 1010 71 00		
polar white glossy	**1405 70 09**	10
anthracite matt, lacquered	**1405 70 06**	10
Aluminium, aluminium anodised	* **1405 70 03**	10
Stainless steel, metal matt finish	**1405 70 04**	10



Design	Order no.	PU
Berker R.1/R.3 - for sealing set Order-no. 1010 77 00		
polar white glossy	* **1620 20 89**	10
black glossy	* **1620 20 45**	10



Rocker screw-on

– with cover plug for screw fitting

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	**1559**	10
polar white glossy	**1559 09**	10
brown glossy	**1559 01**	10



Rocker with imprint “IP44”

Not suitable for push-button (KNX) and group push-buttons (KNX).

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
Berker Arsys - for sealing set Order no. 1010 00		
Stainless steel, metal matt finish	**1424 10 04**	10



Rocker with imprint symbol

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00		
polar white velvety, with imprinted symbol for light	**1620 60 49**	10
anthracite velvety, lacquered, with imprinted symbol for light	* **1620 60 46**	10
polar white velvety, with imprinted symbol for bell	**1620 60 59**	10
anthracite velvety, lacquered, with imprinted symbol for bell	* **1620 60 56**	10
polar white velvety, with imprinted symbol for door opener	**1620 60 69**	10
anthracite velvety, lacquered, with imprinted symbol for door opener	* **1620 60 66**	10
Berker R.1/R.3 - for sealing set Order-no. 1010 77 00		
polar white glossy, with imprinted symbol for light	* **1620 20 79**	10
black glossy, with imprinted symbol for light	* **1620 20 35**	10
polar white glossy, with imprinted symbol for bell	* **1620 20 69**	10
black glossy, with imprinted symbol for bell	* **1620 20 25**	10
polar white glossy, with imprinted symbol for door opener	* **1620 20 59**	10
black glossy, with imprinted symbol for door opener	* **1620 20 15**	10

Rocker



- Labelling field

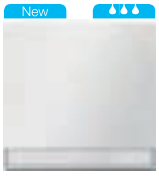
For labelling with name, information notice, etc.

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

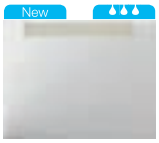
Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design		Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884			
white glossy [1]		**1629**	10
polar white glossy [1]		**1629 09**	10
brown glossy [1]		**1629 01**	10
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00			
polar white velvety [2]		**1626 60 89**	10
anthracite velvety, lacquered [2]	*	**1626 60 86**	10

New



New



Berker K.1/K.5 - for sealing set Order no. 1010 71 00			
polar white glossy [2]		**1426 70 09**	10
anthracite matt, lacquered [2]		**1426 70 06**	10
Aluminium, aluminium anodised [2]	*	**1426 70 03**	10
Stainless steel, metal matt finish [2]		**1426 70 04**	10

[1] labelling field height arranged for 9 mm P-touch strips
[2] labelling field height arranged for 6 mm P-touch strips

Rocker with imprint “IP44”



- Labelling field

Not suitable for push-button (KNX) and group push-buttons (KNX).

Labelling field height designed for 6 mm P-touch strips.

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
Berker Arsys - for sealing set Order no. 1010 00		
Stainless steel, metal matt finish	**1436 10 04**	10

Rocker



- Lens

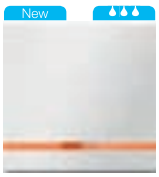
Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

– for illumination and monitoring circuit
– also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design		Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884			
white glossy		**1553**	10
polar white glossy		**1553 09**	10
brown glossy		**1553 11**	10
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00			
polar white velvety [1]		**1621 60 89**	10
anthracite velvety, lacquered [1]	*	**1621 60 86**	10

New



New



Berker K.1/K.5 - for sealing set Order no. 1010 71 00			
polar white glossy		**1415 70 09**	10
anthracite matt, lacquered		**1415 70 06**	10
Aluminium, aluminium anodised	*	**1415 70 03**	10
Stainless steel, metal matt finish		**1415 70 04**	10



Design	Order no.	PU
Berker R.1/R.3 - for sealing set Order-no. 1010 77 00		
polar white glossy [2]	* **1621 20 89**	10
black glossy [2]	* **1621 20 45**	10

[1] only orange and clear lenses enclosed
[2] with clear lens only



Rocker screw-on

- Lens

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- for illumination and monitoring circuit
- with cover plug for screw fitting

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	**1557**	10
polar white glossy	**1557 09**	10
brown glossy	**1557 01**	10



Rocker with imprinted symbol for light

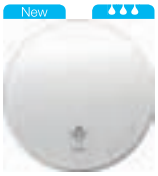
- Lens

Lenses available in orange and clear.
The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00		
polar white velvety	**1621 60 79**	10
anthracite velvety, lacquered	* **1621 60 76**	10
Berker R.1/R.3 - for sealing set Order-no. 1010 77 00		
polar white glossy [1]	* **1621 20 79**	10
black glossy [1]	* **1621 20 35**	10



[1] with clear lens only



Rocker

- Labelling field
- Lens

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.
The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00		
polar white velvety [1]	**1628 60 89**	10
anthracite velvety, lacquered [1]	* **1628 60 86**	10



Berker K.1/K.5 - for sealing set Order no. 1010 71 00			
polar white glossy [2]		**1415 71 09**	10
anthracite matt, lacquered [2]		**1415 71 06**	10
Aluminium, aluminium anodised [2]	*	**1415 71 03**	10
Stainless steel, metal matt finish [2]		**1415 71 04**	10

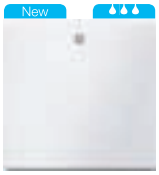
[1] only orange and clear lenses enclosed
[2] lenses with symbol for light, bell, door opener, also neutral in clear and red enclosed

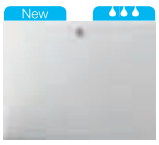
Covers for multi-pole rocker switches



Rocker with imprint “0”

Design		Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884			
white glossy		**1551**	10
polar white glossy		**1551 09**	10
brown glossy		**1551 11**	10
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00			
polar white velvety		**1622 60 89**	10
anthracite velvety, lacquered	*	**1622 60 86**	10





Berker K.1/K.5 - for sealing set Order no. 1010 71 00			
polar white glossy		**1425 71 09**	10
anthracite matt, lacquered		**1425 71 06**	10
Aluminium, aluminium anodised	*	**1425 71 03**	10
Stainless steel, metal matt finish		**1425 71 04**	10
Berker R.1/R.3 - for sealing set Order-no. 1010 77 00			
polar white glossy	*	**1622 20 89**	10
black glossy	*	**1622 20 45**	10





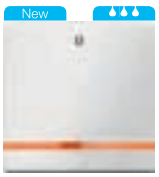
Rocker with imprint “0”

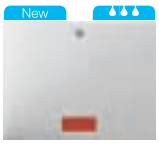
- Red lens



- for illumination and monitoring circuit
- also for KNX applications: group push-button, 1gang

Design		Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884			
white glossy		**1558**	10
polar white glossy		**1558 09**	10
brown glossy		**1558 01**	10
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00			
polar white velvety [1]		**1624 60 89**	10
anthracite velvety, lacquered [1]	*	**1624 60 86**	10





Berker K.1/K.5 - for sealing set Order no. 1010 71 00			
polar white glossy		**1417 71 09**	10
anthracite matt, lacquered		**1417 71 06**	10
Aluminium, aluminium anodised	*	**1417 71 03**	10
Stainless steel, metal matt finish		**1417 71 04**	10
Berker R.1/R.3 - for sealing set Order-no. 1010 77 00			
polar white glossy [2]	*	**1624 20 89**	10
black glossy [2]	*	**1624 20 45**	10



[1] with orange lens
[2] with clear lens

Covers for combination rocker switches/rocker push-buttons



Rocker 2gang

– also for KNX applications: push-button, 2gang, and group push-button, 2gang

Suitable for	Order no.	Page
Rocker switches, 2gang		page 28
Series push-buttons		page 29

Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	**1552**	10
polar white glossy	**1552 09**	10
brown glossy	**1552 11**	10



Rocker 2gang

– with cover plug for screw fitting

Suitable for	Order no.	Page
Rocker switches, 2gang		page 28
Series push-buttons		page 29

Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	**1565**	10
polar white glossy	**1565 09**	10
brown glossy	**1565 11**	10

Centre plates for key switches/key push-buttons



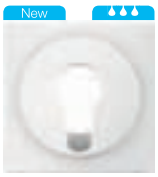
Centre plate for key switch/key push-button

– for master-key systems

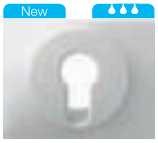
Suitable for	Order no.	Page
Change-over switch for lock cylinders	3836 20	33
Lock cylinder	1818 ..	75
Push-button for lock cylinder	3856 20	33

Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	**1519 12**	10
polar white glossy	**1519 19**	10
brown glossy	**1519 11**	10
Berker Q.1/Q.3 - for sealing set Order.-no. 1010 70 00		
polar white velvety	**1507 60 89**	10
anthracite velvety, lacquered	* **1507 60 86**	10

New



New



Berker K.1/K.5 - for sealing set Order.-no. 1010 70 00		
polar white glossy	**1505 70 09**	10
anthracite matt, lacquered	**1505 70 06**	10
aluminium matt, lacquered	* **1505 70 03**	10
stainless steel matt, lacquered	**1505 70 04**	10

Covers for dimmers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

New



Centre plate for rotary dimmer

- Setting knob

Suitable for	Order no.	Page
Rotary dimmers		page 40
Rotary potentiometers DALI		page 44
1-10 V Rotary potentiometers		page 45

Design	Order no.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00		
polar white velvety	**1137 60 89**	10
anthracite velvety, lacquered	* **1137 60 86**	10



Berker K.1/K.5 - for sealing set Order no. 1010 72 00		
polar white glossy	**1135 70 09**	10
anthracite matt, lacquered	**1135 70 06**	10
Aluminium, aluminium anodised	* **1135 70 03**	10
Stainless steel, metal matt finish	**1135 70 04**	10



Berker R.1/R.3 - for sealing set Order no. 1010 76 00		
polar white glossy	* **1137 20 89**	10
black glossy	* **1137 20 45**	10

BLC controllers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.



BLC controller comfort 1.1 m IP44

i 862



Nominal mounting height	1.1 m
Delay time, adjustable	≈ 10 s ... 30 min
immunity time	≈ 3 s
Time to dim down	30 s
Short time mode	0.5 s
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Detection field, semi-oval shaped	≈ 10 x 12 m
Detection angle	180 °
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Operating temperature	-20 ... +45 °C
Dimensions assembling height	23.5 mm

- with adaptive sensitivity adjustment
- with dimming function (soft-off) when using BLC dimmer inserts
- glare-proof, e.g. against a torch
- with teach function for response brightness
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- switch-on brightness in conjunction with BLC dimmer inserts can only be saved via BLC extension unit
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°

Suitable for	Order no.	Page
BLC Inserts		page 88

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the controller. Only suitable for indoor areas!

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.





Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	**1784**	1
polar white glossy	**1784 19**	1
brown glossy	**1784 11**	1
Berker Q.1/Q.3		
polar white velvety [1]	**1784 61 89**	1
anthracite velvety, lacquered [1]	* **1784 61 86**	1



Berker K.1/K.5		
polar white glossy [1]	**1784 71 09**	1
anthracite matt, lacquered [1]	**1784 71 06**	1

[1] sealing set enclosed





BLC controller comfort 2.2 m IP44

i 862

Delay time, adjustable	≈ 10 s ... 30 min
immunity time	≈ 3 s
Time to dim down	30 s
Short time mode	0.5 s
Nominal mounting height	2.2 m
Response sensitivity, settable	≈ 20 ... 100 %
Detection field, semi-oval shaped	≈ 12 x 12 m
Detection angle	180 °
Range, frontal	≈ 12 m
Range, side	each ≈ 6 m
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Operating temperature	-20 ... +45 °C
Dimensions assembling height	23.5 mm
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

- with adaptive sensitivity adjustment
- with dimming function (soft-off) when using BLC dimmer inserts
- glare-proof, e.g. against a torch
- µ-processor controlled operation (detection signal evaluation and interference signal suppression)
- switch-on brightness in conjunction with BLC dimmer inserts can only be saved via BLC extension unit
- no switch-on in case of inadvertent brief shadowing
- activation by push-button, NC contact in the line
- step operation with immunity time (e.g. for bell)
- with cover to limit detection angle to 90°
- with teach function for response brightness

Suitable for	Order no.	Page
BLC Inserts		page 88



New





Design		Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884			
white glossy		**1787**	1
polar white glossy		**1787 19**	1
brown glossy		**1787 11**	1
Berker Q.1/Q.3			
polar white velvety [1]		**1787 61 89**	1
anthracite velvety, lacquered [1]	*	**1787 61 86**	1
Berker K.1/K.5			
polar white glossy [1]		**1787 71 09**	1
anthracite matt, lacquered [1]		**1787 71 06**	1

[1] sealing set enclosed





BLC controller 1.1 m IP44

i 862

Nominal mounting height	1.1 m
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Detection field, semi-oval shaped	≈ 10 x 12 m
Detection angle	180 °
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Delay time	≈ 2 min
Operating temperature	-20 ... +45 °C
Dimensions assembling height	23.5 mm

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the controller. Only suitable for indoor areas!

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

- activation by push-button, NC contact in the line
- with cover to limit detection angle to 90°

Suitable for	Order no.	Page
BLC Inserts		page 88



New





Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	**1783**	1
polar white glossy	**1783 19**	1
brown glossy	**1783 11**	1
Berker Q.1/Q.3		
polar white velvety [1]	**1783 61 89**	1
anthracite velvety, lacquered [1]	* **1783 61 86**	1
Berker K.1/K.5		
polar white glossy [1]	**1783 71 09**	1
anthracite matt, lacquered [1]	**1783 71 06**	1

[1] sealing set enclosed





BLC controller 2.2 m IP44

i 862

Nominal mounting height	2.2 m
Response sensitivity, settable	≈ 20 ... 100 %
Detection field, semi-oval shaped	≈ 12 x 12 m
Detection angle	180 °
Range, frontal	≈ 12 m
Range, side	each ≈ 6 m
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Operating temperature	-20 ... +45 °C
Dimensions assembling height	23.5 mm
Delay time	≈ 2 min
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)

In conjunction with a BLC relay insert HVAC, the HVAC channel is also switched on for the duration of its delay time, independent of the response brightness.

Switches on for the duration of the controller delay time when the minimum response brightness level is infringed and if people are detected.

- activation by push-button, NC contact in the line
- with cover to limit detection angle to 90°

Suitable for	Order no.	Page
BLC Inserts		page 88



Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	**1786**	1
polar white glossy	**1786 19**	1
brown glossy	**1786 11**	1

New



Berker Q.1/Q.3

polar white velvety [1]		**1786 61 89**	1
anthracite velvety, lacquered [1]	*	**1786 61 86**	1



Berker K.1/K.5

polar white glossy [1]		**1786 71 09**	1
anthracite matt, lacquered [1]		**1786 71 06**	1

[1] sealing set enclosed

Covers for blind switches/push-buttons

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

Rockers with imprint



Rocker 2gang with imprinted arrow symbol

– also for KNX applications: push-button, 2gang

Suitable for	Order no.	Page
Blind series switch 1pole	3035 20	112
Blind series switch 1pole	5035 20	112

Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	**1552 22**	10
polar white glossy	**1552 29**	10
brown glossy	**1552 21**	10

Centre plates for rotary switches for blinds



Centre plate with rotary knob for rotary switch for blinds

– with imprint

Suitable for	Order no.	Page
Rotary switch for blinds 1pole	3841	114
Rotary switch for blinds 2pole	3842	114

Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	**1529**	1
polar white glossy	**1529 09**	1
brown glossy	**1529 01**	1
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00		
polar white velvety	**1080 60 89**	1
anthracite velvety, lacquered	* **1080 60 86**	1

New



New



Berker K.1/K.5 - for sealing set Order no. 1010 72 00			
polar white glossy		**1077 71 09**	1
anthracite matt, lacquered		**1077 71 06**	1
Aluminium, aluminium anodised	*	**1077 71 03**	1
Stainless steel, metal matt finish		**1077 71 04**	1
Berker R.1/R.3 - for sealing set Order no. 1010 76 00			
polar white glossy	*	**1080 20 89**	1
black glossy	*	**1080 20 45**	1

New



Centre plates for key switches/key push-buttons for blinds



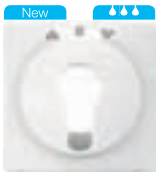
Centre plate for key push-button for blinds/key switch

- with imprint
- for master-key systems

Suitable for	Order no.	Page
Switch for blinds 1pole for lock cylinder	3821 20	117
Push-button for blinds 1pole for lock cylinder	3831 20	118
Lock cylinder	1818 ..	75

Design		Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884			
white glossy		**1518 12**	10
polar white glossy		**1518 19**	10
brown glossy		**1518 11**	10
Berker Q.1/Q.3 - for sealing set Order.-no. 1010 70 00			
polar white velvety		**1506 60 89**	10
anthracite velvety, lacquered	*	**1506 60 86**	10

New



Berker K.1/K.5 - for sealing set Order.-no. 1010 70 00			
polar white glossy		**1504 71 09**	10
anthracite matt, lacquered		**1504 71 06**	10
aluminium matt, lacquered	*	**1504 71 03**	10
stainless steel matt, lacquered		**1504 71 04**	10

New



HVAC covers

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

Covrs for heating emergency switches/push-buttons



Rocker with imprint “Heizung Notschalter”

- Red lens

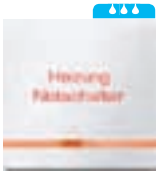
Or use glass pane-protected heating emergency switch.

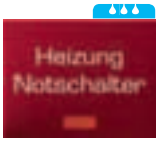
Not suitable for heating systems > 50 kW.

- for monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

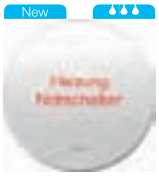
Design		Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884			
white glossy		**1568**	10
polar white glossy		**1568 09**	10
brown glossy		**1568 01**	10
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00			
polar white velvety [1]		**1621 60 69**	10





Berker K.1/K.5 - for sealing set Order no. 1010 71 00			
red glossy		**1488 71 15**	10

New



Berker R.1/R.3 - for sealing set Order-no. 1010 77 00			
polar white glossy [2]	*	**1621 20 49**	10

[1] with orange lens
[2] with clear lens



Rocker with imprint “Heizung Notschalter - 0”

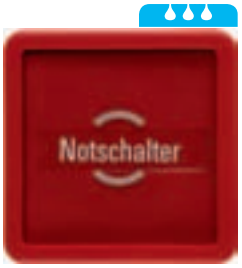
- Red lens

– for illumination and monitoring circuit
– also for KNX applications: group push-button, 1gang

Or use glass pane-protected heating emergency switch.

Not suitable for heating systems > 50 kW.

Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	**1569**	10
polar white glossy	**1569 09**	10
brown glossy	**1569 01**	10



Centre plate with glass plate

- Rocker

– also for KNX applications: push-button, 1gang, and group push-button, 1gang

The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Housing screws made of stainless steel.

Adhesive label sheets, text white: “Notschalter”, “Rauch-abzug”, “Feuerschutztür schließen”, “Feuerabschluss schließen”, “Heizung”, “Lichtkuppel”, “Hausalarm” and “Öffnen”.

Not suitable for heating systems > 50 kW.

The glass pane protects against incorrect usage.

Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
red glossy	**1295**	10

Centre plates for air conditioner/fan controllers

New



Centre plate for speed controller

- Setting knob

– with imprinted symbol curve

Suitable for	Order no.	Page
Speed controllers	2968 01	147

Axis dimension Ø 4 mm

Design	Order no.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00		
polar white velvety	**1137 60 79**	10
anthracite velvety, lacquered	* **1137 60 76**	10
Berker K.1/K.5 - for sealing set Order no. 1010 72 00		
polar white glossy	**1135 72 09**	10
anthracite matt, lacquered	**1135 72 06**	10
Aluminium, aluminium anodised	* **1135 72 03**	10
Stainless steel, metal matt finish	**1135 72 04**	10
Berker R.1/R.3 - for sealing set Order no. 1010 76 00		
polar white glossy	* **1137 20 79**	10
black glossy	* **1137 20 35**	10

New



New



New



Centre plate with rotary knob for 3-step switch

- 0 position

– with imprint

Suitable for 3-step switch	Order no. 3861 ..	Page 146

Design		Order no.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00			
polar white velvety		**1096 60 89**	1
anthracite velvety, lacquered	*	**1096 60 86**	1
Berker K.1/K.5 - for sealing set Order no. 1010 72 00			
polar white glossy		**1087 71 09**	1
anthracite matt, lacquered		**1087 71 06**	1
Aluminium, aluminium anodised	*	**1087 71 03**	1
Stainless steel, metal matt finish		**1087 71 04**	1
Berker R.1/R.3 - for sealing set Order no. 1010 76 00			
polar white glossy	*	**1096 20 89**	1
black glossy	*	**1096 20 45**	1

New



New



New



Centre plate with rotary knob for 3-step switch

– with imprint

Suitable for 3-step switch	Order no. 3861 ..	Page 146

Design		Order no.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00			
polar white velvety, without 0-position: 2-1-3		**1084 60 89**	1
anthracite velvety, lacquered, without 0-position: 2-1-3	*	**1084 60 86**	1
Berker K.1/K.5 - for sealing set Order no. 1010 72 00			
polar white glossy, without 0-position: 2-1-3		**1088 71 09**	1
anthracite matt, lacquered, without 0-position: 2-1-3		**1088 71 06**	1
Aluminium, aluminium anodised, without 0-position: 2-1-3	*	**1088 71 03**	1
Stainless steel, metal matt finish, without 0-position: 2-1-3		**1088 71 04**	1
Berker R.1/R.3 - for sealing set Order no. 1010 76 00			
polar white glossy, without 0-position: 2-1-3	*	**1084 20 89**	1
black glossy, without 0-position: 2-1-3	*	**1084 20 45**	1

New



New



Covers for pilot lamps

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.



Centre plate for push-button/pilot lamp E10

Cut-out Ø 27.3 mm

– centre plate for plug-in fixing

Suitable for Push-button/pilot lamp E10, NO contact	Order no. 5101 ..	Page 63

Design	Order no.	PU
Splash-protected flush-mounted IP44 - for sealing flange order no. 1884		
white glossy	**1530**	10
polar white glossy	**1530 09**	10
brown glossy	**1530 01**	10

New

Centre plate for pilot lamp E14



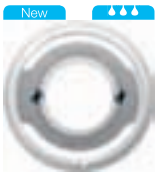
Suitable for	Order no.	Page
Pilot lamp E14	5131 02	65

Design		Order no.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00			
polar white velvety		**1198 60 89**	10
anthracite velvety, lacquered	*	**1198 60 86**	10
Berker K.1/K.5 - for sealing set Order no. 1010 72 00			
polar white glossy		**1167 70 09**	10
anthracite matt, lacquered		**1167 70 06**	10
aluminium matt, lacquered	*	**1167 70 03**	10
stainless steel matt, lacquered		**1167 70 04**	10
Berker R.1/R.3 - for sealing set Order no. 1010 76 00			
polar white glossy	*	**1198 20 89**	10
black glossy	*	**1198 20 45**	10

New



New



Blank plates

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

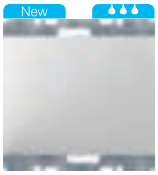
New

Blind plug with centre plate



- on supporting plate without cut-out
- centre plate for plug-in fixing

New



New



Design		Order no.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00			
polar white velvety [1]		**1009 60 89**	20
anthracite velvety, lacquered [1]	*	**1009 60 86**	20
polar white velvety [2]		**67 1009 60 89**	10
anthracite velvety, lacquered [2]	*	**67 1009 60 86**	10
Berker K.1/K.5 - for sealing set Order no. 1010 72 00			
polar white glossy [1]		**1045 70 09**	20
anthracite matt, lacquered [1]		**1045 70 06**	20
Aluminium, aluminium anodised [1]	*	**1045 70 03**	20
Stainless steel, metal matt finish [1]		**1045 70 04**	20
polar white glossy [2]		**67 1045 70 09**	10
anthracite matt, lacquered [2]		**67 1045 70 06**	10
Aluminium, aluminium anodised [2]	*	**67 1045 70 03**	10
Stainless steel, metal matt finish [2]		**67 1045 70 04**	10
Berker R.1/R.3 - for sealing set Order no. 1010 76 00			
polar white glossy [1]	*	**1009 20 89**	20
black glossy [1]	*	**1009 20 45**	20

New

[1] without spreader claws
[2] with base and spreader claws

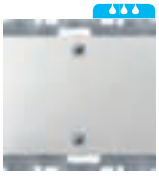
New



Blind plug with centre plate, screw-on

- on supporting plate with large cut-out
- space-saving for relays, etc.
- for customised cut-outs or holes when installing special solutions
- without spreader claws
- with cover plug for screw fitting





Design		Order no.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 72 00			
polar white velvety		**1009 60 79**	20
anthracite velvety, lacquered	*	**1009 60 76**	20
Berker K.1/K.5 - for sealing set Order no. 1010 72 00			
polar white glossy		**1045 71 09**	20
anthracite matt, lacquered		**1045 71 06**	20

Barrier-free construction

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing accessories.

The following rockers are conformant with DIN 18024-2 and DIN 18025-1 and -2.

Rockers - barrier-free construction



Rocker for barrier-free construction

- Guide for mouth rod
- Lens

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

Lenses available in orange and clear.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design		Order no.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00			
polar white velvety		**1661 60 49**	10
Berker K.1/K.5 - for sealing set Order no. 1010 71 00			
polar white glossy [1]		**1661 71 09**	10



New



Berker R.1/R.3 - for sealing set Order-no. 1010 77 00			
polar white glossy [2]	*	**1661 20 49**	10

[1] lenses with symbol for light, bell, door opener, also neutral in clear and red enclosed
[2] with clear lens only

Rocker for barrier-free construction



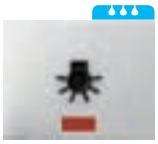
- Tactile light symbol
- Orange lens

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

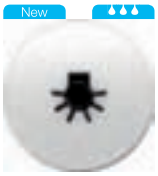
- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00		
polar white velvety	**1651 60 49**	10
Berker K.1/K.5 - for sealing set Order no. 1010 71 00		
polar white glossy [1]	**1651 71 09**	10



New



Berker R.1/R.3 - for sealing set Order-no. 1010 77 00		
polar white glossy [2]	* **1651 20 49**	10

[1] with red lens
[2] with clear lens

Rocker for barrier-free construction



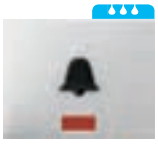
- Tactile bell symbol
- Orange lens

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

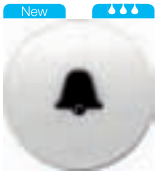
- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang

Suitable for	Order no.	Page
Rocker push-buttons		page 20

Design	Order no.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00		
polar white velvety	**1651 60 59**	10
Berker K.1/K.5 - for sealing set Order no. 1010 71 00		
polar white glossy [1]	**1651 72 09**	10



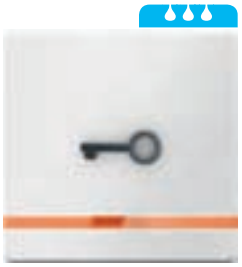
New



Berker R.1/R.3 - for sealing set Order-no. 1010 77 00		
polar white glossy [2]	* **1651 20 89**	10

[1] with red lens
[2] with clear lens

Rocker for barrier-free construction



- Tactile symbol for door opener
- Orange lens

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang

Suitable for	Order no.	Page
Rocker push-buttons		page 20

Design	Order no.	PU
Berker Q.1/Q.3 - for sealing set Order no. 1010 71 00		
polar white velvety	**1651 60 69**	10



Berker K.1/K.5 - for sealing set Order no. 1010 71 00

polar white glossy [1]	**1651 73 09**	10

New



Berker R.1/R.3 - for sealing set Order-no. 1010 77 00

polar white glossy [2]	* **1651 20 69**	10

[1] with red lens
[2] with clear lens

Sealings IP44



Sealing set for socket outlets/centre plates

Suitable for	Order no.	Page
SCHUKO socket outlets with hinged cover		page 591
Centre plate for rotary dimmer		page 599
Centre plate with rotary knob for rotary switch for blinds		page 603
Centre plate for pilot lamp E14		page 607
Centre plates for air conditioner/fan controllers		page 605
Blank plates		page 607

Design	Order no.	PU
Berker Q.1/Q.3, K.1/K.5		
transparent	**1010 72 00**	1

New



Sealing set for socket outlets/centre plates

Suitable for	Order no.	Page
SCHUKO socket outlets with hinged cover		page 591
Centre plate for rotary dimmer		page 599
Centre plate with rotary knob for rotary switch for blinds		page 603
Centre plates for air conditioner/fan controllers		page 605
Centre plate for pilot lamp E14		page 607
Blank plates		page 607
Socket outlet with earthing pin and hinged cover	67 6583 ..	462

Design	Order no.	PU
Berker R.1/R.3		
transparent	* **1010 76 00**	1



Sealing set for switches/push-buttons

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- with IP44 fixing piece to screw on

Suitable for	Order no.	Page
Covers for rocker switches/rocker push-buttons		page 594
Covers for multi-pole rocker switches		page 598
Covrs for heating emergency switches/push-buttons		page 604
Rockers - barrier-free construction		page 608

Design	Order no.	PU
Berker Q.1/Q.3, K.1/K.5		
transparent	**1010 71 00**	1

New



Sealing set for switches/push-buttons

- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- with IP44 fixing piece to screw on

Suitable for	Order no.	Page
Covers for rocker switches/rocker push-buttons		page 594
Covers for multi-pole rocker switches		page 598
Covrs for heating emergency switches/push-buttons		page 604
Rockers - barrier-free construction		page 608

Design	Order no.	PU
Berker R.1/R.3		
transparent	* **1010 77 00**	1



Sealing set for Arsys IP44 devices

Suitable for	Order no.	Page
SCHUKO socket outlets with hinged cover		page 591
Covers for rocker switches/rocker push-buttons		page 594

Design	Order no.	PU
Berker Arsys IP44		
Sealing set for Arsys IP44 devices	**1010 00**	10



Sealing set for key switch/key push-button

Suitable for	Order no.	Page
Centre plate for key switch/key push-button		page 599
Centre plate for key push-button for blinds/key switch		page 604

Design	Order no.	PU
Berker Q.1/Q.3, K.1/K.5		
transparent	**1010 70 00**	1

Frame with sealing

- For complete devices of the Design line **WG UP IP44** (except order no. 4718 .., 4211 .., 4212 ..), a sealing flange, order no. 1884, is required to achieve the IP44 degree of protection.



Frame with sealing

i 916

- Sealing

Use only in conjunction with sealing flange order no. 1884!

- for vertical and horizontal mounting

Suitable for	Order no.	Page
Sealing flange for splash-protected flush-mounted devices	1884	612

Design	Order no.	PU
Flush-mounted splash-protected IP44		
white glossy, 1gang	**1328**	10
white glossy, 2gang	**1329**	2
white glossy, 3gang	**1330**	2



Frame with sealing

i 916

- Sealing

Use only in conjunction with sealing flange order no. 1884!

- for vertical and horizontal mounting

Suitable for	Order no.	Page
Sealing flange for splash-protected flush-mounted devices	1884	612

Design	Order no.	PU
Flush-mounted splash-protected IP44		
polar white glossy, 1gang	**1328 09**	10
polar white glossy, 2gang	**1329 09**	2
polar white glossy, 3gang	**1330 09**	2



Frame with sealing

i 916

- Sealing

Use only in conjunction with sealing flange order no. 1884!

– for vertical and horizontal mounting

Suitable for	Order no.	Page
Sealing flange for splash-protected flush-mounted devices	1884	612

Design	Order no.	PU
Flush-mounted splash-protected IP44		
brown glossy, 1gang	**1328 01**	10
brown glossy, 2gang	**1329 01**	2
brown glossy, 3gang	**1330 01**	2



Sealing flange for splash-protected flush-mounted devices

The sealing flange must be inserted between the supporting plate and the wall!

Suitable for	Order no.	Page
SCHUKO socket outlets with hinged cover		page 591
International socket outlet systems		page 594
Covers for rocker switches/rocker push-buttons		page 594
Covers for multi-pole rocker switches		page 598
Covers for combination rocker switches/rocker push-buttons		page 599
Centre plate for key switch/key push-button		page 599
BLC controllers		page 600
Covers for blind switches/push-buttons		page 603
Covrs for heating emergency switches/push-buttons		page 604
Centre plate for push-button/pilot lamp E10		page 606
Frame with sealing		page 611

Design	Order no.	PU
Flush-mounted splash-protected IP44		
grey	**1884**	10

Intermediate rings for central plates



Intermediate ring with hinged cover

- Labelling field



Labelling field height arranged for P-touch strips 9 mm.

Combinable with central plates for communication technology and central plates for hospital installations.

IP20

– for central plates and centre plate 50 x 50 mm

Suitable for	Order no.	Page
Central plate for aerial socket 4hole (Ankaro)		page 157
Central plate for aerial socket 4hole (Hirschmann)		page 157
Central plate for broadband modem socket (Wisi)		page 157
Central plate for FCC socket outlet		page 159
Central plate for FCC socket outlet 2gang		page 162
Central plate with installation opening Ø 18.8 mm		page 172
Central plate for socket outlet for floating output		page 231
Central plate for 6pole socket outlet		page 231

Design	Order no.	PU
white glossy	**1022 50**	10
polar white glossy	**1022 59**	10
brown glossy	**1022 51**	10



Central plate for aerial socket 2hole

Caution!
Use only with intermediate ring for central plate from the corresponding range.

For aerial socket as per according to DIN 45330

– labelling field latchable

Suitable for	Order no.	Page
Intermediate ring with hinged cover		page 612
Aerial socket 2hole single box	4502	154
Aerial socket, 2hole throughpass socket	4515	154

Design	Order no.	PU
white glossy	**1486 02**	10
polar white	**1486 09**	10
brown glossy	**1486 01**	10

Flush-mounted
wet-room installation

Surface-mounted wet-room installation

For surface mounting, our Aquatec range, or the extremely sturdy, waterproof ISO Panzer mean that everything is home and dry.

- Spacious housing for easy installation
- Housing, rockers and hinged covers in impact-resistant thermoplastic material in light grey/grey and black/yellow
- Housing material highly resistant to chemicals
- Screws and hinged cover springs made of stainless steel/hinged cover axles made of non-corrosive brass
- Large control surfaces



Aquatec IP44

Socket outlet system with hinged cover 616
International socket outlet systems 619
Switches/push-buttons 620
Combinations 627
Timers 628
Rotary dimmers 628
Blind switches/push-buttons 628
Speed controllers 630
Pilot lamps 631
Supplementary products 631
Communication/multimedia technology 635

Die-cast IP44

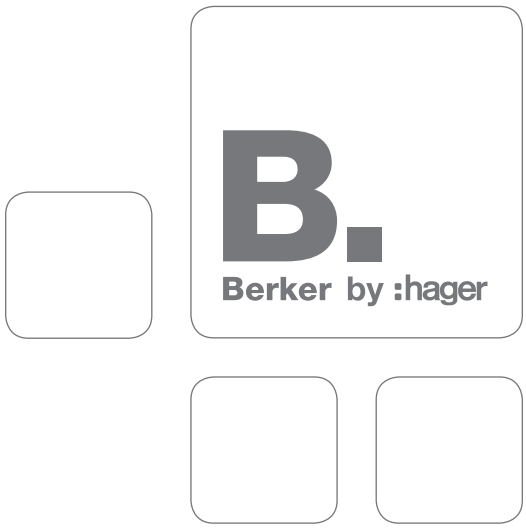
Switches/push-buttons 637

ISO-Panzer IP44

International socket outlet systems 640
Socket outlet system international 641
Switches/push-buttons 643
Combinations 644
Blind switches/push-buttons 644
Housing 645
Supplementary products 645

ISO-Panzer IP66

Schuko connecting devices 646
Switches/push-buttons 647
Blind switches/push-buttons 648
Pilot lamps 648
Supplementary products 649



SCHUKO socket outlets with hinged cover

– Connection terminals according to IEC 60884-1



SCHUKO socket outlet with hinged cover surface-mounted

i 923

Rated voltage 250 V~
Rated current 16 A

Housing screws, hinged cover springs and axles made of stainless steel.

– with hollow base
– with cable entry at top and bottom
– with plug-in terminals

IP44

Design	Order no.	PU
polar white	**4740 09**	10
light grey/grey, glossy/matt	**4740 05**	10



SCHUKO socket outlet with upper casing, hinged cover

Rated voltage 250 V~
Rated current 16 A

Housing screws, hinged cover springs and axles made of stainless steel.

– to combine with housing bottom parts
– with hollow base
– with plug-in terminals

Suitable for	Order no.	Page
Surface-mounted lower casing with cable entries	6118 91 05 ..	620
Lower casing with entry M20 x 1.5	6119 60 05 ..	620
Lower casing 2gang vertical, entry M20 x 1.5 mm	6119 61 05 ..	620

IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**6147 40 15**	10



SCHUKO socket outlet with hinged cover surface-mounted

i 923

- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A

Housing screws, hinged cover springs and axles made of stainless steel.

– with hollow base
– with cable entry at top and bottom
– Wago clip-in 3-wire connection terminal for wiring
– with plug-in terminals

IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**4763 05**	10



SCHUKO socket outlet with hinged cover surface-mounted

i 923

- Labelling field

Rated voltage 250 V~
Rated current 16 A

Housing screws, hinged cover springs and axles made of stainless steel.

– with hollow base
– with cable entry at top and bottom
– with through terminal
– Wago clip-in 3-wire connection terminal for wiring
– with plug-in terminals

IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**4741 05**	10



SCHUKO socket outlet with hinged cover surface-mounted

- Screw terminals

Housing screws, hinged cover spring and axle made of stainless steel.

Labelling field height designed for 9 mm P-touch strip.

- with hollow base
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring

i 923

IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**4241 15**	10



SCHUKO socket outlet with hinged cover surface-mounted

- Labelling field
- Lock - uneven closings

Rated voltage 250 V~
Rated current 16 A

Spare keys and other closures (max. 24) on request.

Housing screws, hinged cover spring and axle made of stainless steel.

Labelling field height designed for 9 mm P-touch strip.

- e. g. for washing machine
- each with 2 keys
- with hollow base
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**4769 05**	1



SCHUKO socket outlet with hinged cover surface-mounted

- Labelling field
- Lock - even closings

Rated voltage 250 V~
Rated current 16 A

Spare keys and other closures (max. 24) on request.

Housing screws, hinged cover spring and axle made of stainless steel.

Labelling field height designed for 9 mm P-touch strip.

- e. g. for washing machine
- each with 2 keys
- with hollow base
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

IP44

Design	Order no.	PU
light grey/grey, glossy/matt, 2x set	**4789 05**	1

Combination SCHUKO socket outlets with hinged cover



IP44

2gang SCHUKO socket outlet with hinged cover surface-mounted

- Labelling field
- Locks - even closings

Rated voltage	250 V~
Rated current	16 A

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Spare keys and other closures (max. 24) on request.

Housing screws, hinged cover springs and axles made of stainless steel.

Labelling field height designed for 9 mm P-touch strip.

- e. g. for washing machine and drier
- for horizontal mounting
- each with 2 keys
- with hollow base
- 2 knock out openings for entries at bottom
- with 2 cable entries at top
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Design	Order no.	PU
light grey/grey, glossy/matt	**4768 05**	1



2gang SCHUKO socket outlet horizontal with hinged cover surface-mounted

Rated voltage	250 V~
Rated current	16 A

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.

- inserts wired-through
- with hollow base
- with cable entry at top and bottom
- with plug-in terminals

IP44

Design	Order no.	PU
polar white	**4770 09**	5
light grey/grey, glossy/matt	**4770 05**	5



IP44

2gang SCHUKO socket outlet with hinged cover surface-mounted

i 923

Rated voltage	250 V~
Rated current	16 A

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.

- for horizontal mounting
- inserts wired-through
- with hollow base
- 2 knock out openings for entries at bottom
- with 2 cable entries at top
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Design	Order no.	PU
light grey/grey, glossy/matt	**4784 05**	5



IP44

2gang SCHUKO socket outlet horizontal with hinged cover surface-mounted

- Labelling field

Rated voltage	250 V~
Rated current	16 A

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.

- inserts wired-through
- with hollow base
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Design	Order no.	PU
light grey/grey, glossy/matt	**4770 15**	5



3gang SCHUKO socket outlet surface-mounted with hinged cover

i 923

Rated voltage 250 V~
Rated current 16 A

IP44

As a result of the side cable entries specially suited for installation over workbenches.

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.

- for horizontal mounting
- inserts wired-through
- with hollow base
- with cable entry at top and each side
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

x3

Design	Order no.	PU
light grey/grey, glossy/matt	**4773 05**	1



Surface-mounted double SCHUKO socket outlet with hinged cover

Rated voltage 250 V~
Rated current 16 A

IP44

As a result of the side cable entries specially suited for installation over workbenches.

Housing screws, hinged cover springs and axles made of stainless steel.

- for horizontal mounting
- inserts wired-through
- with hollow base
- with cable entry at top and each side
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

x2

Design	Order no.	PU
light grey/grey, glossy/matt	**4775 05**	5



Surface-mounted double SCHUKO socket outlet with hinged cover

i 923

- Labelling field

Rated voltage 250 V~
Rated current 16 A

IP44

As a result of the side cable entries specially suited for installation over workbenches.

Housing screws, hinged cover springs and axles made of stainless steel.

- for horizontal mounting
- inserts wired-through
- with hollow base
- with cable entry at top and each side
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

x2

Design	Order no.	PU
light grey/grey, glossy/matt	**4775 15**	5

International socket outlet systems

Socket outlets with earthing pin



Socket outlet with earthing pin and upper casing surface-mounted

- enhanced contact protection
- Screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A

IP44

Connection terminals according to IEC 60884-1

- 2pole + earth
- with hollow base
- with screw-in lift terminals

Suitable for	Order no.	Page
Surface-mounted lower casing with cable entries	6118 91 05	620
Lower casing with entry M20 x 1.5	6119 60 05	620
Lower casing 2gang vertical, entry M20 x 1.5 mm	6119 61 05	620

Design	Order no.	PU
light grey/grey, glossy/matt	**6745 64 15**	10

Lower casings



Surface-mounted lower casing with cable entries

– Wago clip-in 3-wire connection terminal for wiring

Suitable for	Order no.	Page
On/off switch 2pole with upper casing and imprint “0 - 1” surface-mounted	6130 7 ..	624
SCHUKO socket outlet with upper casing, hinged cover	6147 40 15	616
Push-button, change-over contact with upper casing, surface-mounted	6150 76 15	623
Control on/off switch with upper casing and imprint “0” surface-mounted	6131 7 ..	622
Socket outlet with earthing pin and upper casing surface-mounted	6745 64 15	619

Design	Order no.	PU
light grey, 1gang	**6118 91 05**	10



Lower casing with entry M20 x 1.5

– Wago clip-in 3-wire connection terminal for wiring

Suitable for	Order no.	Page
Series switch with upper casing surface-mounted	6130 7 ..	625
SCHUKO socket outlet with upper casing, hinged cover	6147 40 15	616
Push-button, change-over contact with upper casing, surface-mounted	6150 76 15	623
Control on/off switch with upper casing and imprint “0” surface-mounted	6131 7 ..	622
Socket outlet with earthing pin and upper casing surface-mounted	6745 64 15	619

Design	Order no.	PU
light grey, 1gang	**6119 60 05**	10



Lower casing 2gang vertical, entry M20 x 1.5 mm

– Wago clip-in 3-wire connection terminal for wiring

Suitable for	Order no.	Page
Series switch with upper casing surface-mounted	6130 7 ..	625
Control change-over switch with upper casing surface-mounted	6131 7 ..	622
SCHUKO socket outlet with upper casing, hinged cover	6147 40 15	616
Push-button, change-over contact with upper casing, surface-mounted	6150 76 15	623
Socket outlet with earthing pin and upper casing surface-mounted	6745 64 15	619

Design	Order no.	PU
light grey	**6119 61 05**	10

Switches/push-buttons

Rocker switches/rocker push-buttons



Change-over/intermediate switch surface-mounted

i 923

Rated voltage 250 V~
Switching current 10 AX

Housing screws made of stainless steel.

– with cable entry at top and bottom
– with plug-in terminals
– Wago clip-in 3-wire connection terminal for wiring

Suitable for	Order no.	Page
Centre plate with glass plate	1290 99 05	626

IP44



Design	Order no.	PU
Change-over switch surface-mounted, polar white	**3076 09**	10
Change-over switch surface-mounted, light grey/grey, glossy/matt	**3076 05**	10
Intermediate switch surface-mounted, light grey/grey, glossy/matt	**3077 05**	10



Intermediate switch with upper casing surface-mounted

Rated voltage 250 V~
Switching current 10 AX

Housing screws made of stainless steel.

- to combine with housing bottom parts
- with plug-in terminals

Suitable for	Order no.	Page
Centre plate with glass plate	1290 99 05	626
Lower casing 2gang vertical, entry M20 x 1.5 mm	6119 61 05	620
Surface-mounted lower casing with cable entries	6118 91 05	620
Lower casing with entry M20 x 1.5	6119 60 05	620

IP44



Design	Order no.	PU
light grey/grey, glossy/matt	**6130 77 15**	10



Change-over switch with upper casing surface-mounted

Rated voltage 250 V~
Switching current 10 AX

Housing screws made of stainless steel.

- to combine with housing bottom parts
- with plug-in terminals

Suitable for	Order no.	Page
Centre plate with glass plate	1290 99 05	626
Lower casing 2gang vertical, entry M20 x 1.5 mm	6119 61 05	620
Surface-mounted lower casing with cable entries	6118 91 05	620
Lower casing with entry M20 x 1.5	6119 60 05	620

IP44



Design	Order no.	PU
light grey/grey, glossy/matt	**6130 76 15**	10



Change-over switch surface-mounted

i 923

- Labelling field - illuminable

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Rated voltage 250 V~
Switching current 10 AX

Suitable for	Order no.	Page
optional		
LED unit for labelling field - illuminable	1619 01	633

For labelling with name, information notice, etc.

Housing screws made of stainless steel.

Labelling field height designed for 9 mm P-touch strip.

IP44



Design	Order no.	PU
light grey/grey, glossy/matt	**3076 55**	10



Illuminated change-over switch surface-mounted

i 923

- Red lens

- for illumination
- with neon lamp unit with N terminal order no. 1675
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Rated voltage 250 V~
Switching current 10 AX
Neon lamp current 1 mA

Suitable for	Order no.	Page
optional		
Incandescent lamp unit with N terminal		page 631
LED unit 230 V, for switches/push-buttons		page 632
replacement		
Neon lamp unit with N terminal		page 632

Housing screws made of stainless steel.

IP44



Design	Order no.	PU
light grey/grey, glossy/matt	**3076 25**	10



Control on/off switch with upper casing and imprint "0" surface-mounted

- Red lens

Rated voltage 250 V~
Switching current 10 AX

Housing screws made of stainless steel.

IP44

- to combine with housing bottom parts
- 2pole
- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with neon lamp unit with N terminal order no. 1675
- with plug-in terminals

Suitable for	Order no.	Page
Centre plate with glass plate	1290 99 05	626
Surface-mounted lower casing with cable entries	6118 91 05	620
Lower casing with entry M20 x 1.5	6119 60 05	620
Lower casing 2gang vertical, entry M20 x 1.5 mm	6119 61 05	620
optional		
Incandescent lamp unit with N terminal		page 631
Neon lamp unit with N terminal		page 632
LED unit 230 V, for switches/push-buttons		page 632

Design	Order no.	PU
light grey/grey, glossy/matt	**6131 72 15**	10



Control change-over switch surface-mounted

i 923

- Red lens

Rated voltage 250 V~
Switching current 10 AX
Neon lamp current 1 mA

Housing screws made of stainless steel.

IP44

- can be illuminated using neon and glow lamp unit with N-terminal
- for monitoring circuit
- with neon lamp unit with N terminal order no. 1675
- knock out opening for entry at top and bottom
- with cable and duct entry
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Suitable for	Order no.	Page
Neon lamp unit with N terminal		page 632
optional		
Incandescent lamp unit with N terminal		page 631
LED unit 230 V, for switches/push-buttons		page 632

Design	Order no.	PU
light grey/grey, glossy/matt	**3176 05**	10



Control change-over switch with upper casing surface-mounted

- Red lens

Rated voltage 250 V~
Switching current 10 AX

Housing screws made of stainless steel.

IP44

- to combine with housing bottom parts
- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with neon lamp unit with N terminal order no. 1675
- with plug-in terminals

Suitable for	Order no.	Page
Centre plate with glass plate	1290 99 05	626
Surface-mounted lower casing with cable entries	6118 91 05	620
Lower casing with entry M20 x 1.5	6119 60 05	620
Lower casing 2gang vertical, entry M20 x 1.5 mm	6119 61 05	620
optional		
Incandescent lamp unit with N terminal		page 631
Neon lamp unit with N terminal		page 632
LED unit 230 V, for switches/push-buttons		page 632

Design	Order no.	PU
light grey/grey, glossy/matt	**6131 76 15**	10



IP44

Push-button, change-over contact surface-mounted

- Labelling field - illuminable

Rated voltage 250 V~
Momentary-contact current 10 A

For labelling with name, information notice, etc.

Housing screws made of stainless steel.

Labelling field height designed for 9 mm P-touch strip.

923

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Suitable for	Order no.	Page
LED unit for labelling field - illuminable	1619 01	633

Design	Order no.	PU
light grey/grey, glossy/matt	**5076 55**	10



IP44

Push-button

- Red lens

Rated voltage 250 V~
Momentary-contact current 10 A

Housing screws made of stainless steel.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

923

- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with cable entry at top and bottom
- with plug-in terminals

Suitable for	Order no.	Page
Centre plate with glass plate	1290 99 05	626
optional		
Incandescent lamp unit with N terminal		page 631
Neon lamp unit with N terminal		page 632
LED unit 230 V, for switches/push-buttons		page 632

Design	Order no.	PU
Push-button, change-over contact, surface-mounted, polar white	**5076 09**	10
Push-button, change-over contact surface-mounted, light grey/grey, glossy/matt	**5076 05**	10



IP44

Push-button, change-over contact with upper casing, surface-mounted

- Lens

Rated voltage 250 V~
Momentary-contact current 10 A

Housing screws made of stainless steel.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- to combine with housing bottom parts
- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with plug-in terminals

Suitable for	Order no.	Page
Centre plate with glass plate	1290 99 05	626
Surface-mounted lower casing with cable entries	6118 91 05	620
Lower casing with entry M20 x 1.5	6119 60 05	620
Lower casing 2gang vertical, entry M20 x 1.5 mm	6119 61 05	620
optional		
Incandescent lamp unit with N terminal		page 631
Neon lamp unit with N terminal		page 632
LED unit 230 V, for switches/push-buttons		page 632

Design	Order no.	PU
light grey/grey, glossy/matt	**6150 76 15**	10



IP44

Push-button, NO contact with 2 separate signal contacts surface-mounted

- Red lens

Rated voltage 250 V~
Momentary-contact current 10 A

Housing screws made of stainless steel.

923

- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Suitable for	Order no.	Page
Centre plate with glass plate	1290 99 05	626
optional		
Incandescent lamp unit with N terminal		page 631
Neon lamp unit with N terminal		page 632
LED unit 230 V, for switches/push-buttons		page 632

Design	Order no.	PU
light grey/grey, glossy/matt	**5071 05**	10

Multi-pole rocker switches



On/off switch 2pole with imprint “0” and “I” surface-mounted

i 923

Rated voltage 250 V~
Switching current 10 AX

Housing screws made of stainless steel.

- with cable entry at top and bottom
- with plug-in terminals

Suitable for	Order no.	Page
Centre plate with glass plate	1290 99 05	626

IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**3072 05**	10



On/off switch 2pole with upper casing and imprint “0 - 1” surface-mounted

Rated voltage 250 V~
Switching current 10 AX

Housing screws made of stainless steel.

- to combine with housing bottom parts
- with plug-in terminals

Suitable for	Order no.	Page
Centre plate with glass plate	1290 99 05	626
Lower casing with entry M20 x 1.5	6119 60 05	620
Lower casing 2gang vertical, entry M20 x 1.5 mm	6119 61 05	620
Surface-mounted lower casing with cable entries	6118 91 05	620

IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**6130 72 15**	10



Control on/off switch 2pole with imprint “0” surface-mounted

i 923

- Red lens

Rated voltage 250 V~
Switching current 10 AX
Neon lamp current 1 mA

Housing screws made of stainless steel.

- can be illuminated using neon and glow lamp unit with N-terminal
- for monitoring circuit
- with neon lamp unit with N terminal order no. 1675
- knock out opening for entry at top and bottom
- with cable and duct entry
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Suitable for optional	Order no.	Page
Incandescent lamp unit with N terminal	1676 ..	69

IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**3172 05**	10

Combination rocker switches/rocker push-buttons



Series switch surface-mounted

Rated voltage 250 V~
Switching current 10 AX

Housing screws made of stainless steel.

- with cable entry at top and bottom
- with plug-in terminals

IP44

Design	Order no.	PU
polar white	**3075 09**	10
light grey/grey, glossy/matt	**3075 05**	10



Series switch with upper casing surface-mounted

Rated voltage 250 V~
Switching current 10 AX

Housing screws made of stainless steel.

- to combine with housing bottom parts
- with plug-in terminals

Suitable for	Order no.	Page
Surface-mounted lower casing with cable entries	6118 91 05	620
Lower casing with entry M20 x 1.5	6119 60 05	620
Lower casing 2gang vertical, entry M20 x 1.5 mm	6119 61 05	620

IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**6130 75 15**	10



Surface-mounted double change-over switch, isolated input terminals

Rated voltage 250 V~
Switching current 10 AX

Housing screws made of stainless steel.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**3078 05**	10



Series push-button, 2 NO contacts surface-mounted, common input terminal

Rated voltage 250 V~
Momentary-contact current 10 A

Housing screws made of stainless steel.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**5075 15**	10

Heating emergency switches/push-buttons



Control change-over switch with imprint “Heizung Notschalter” surface-mounted

i 923

- Red lens

Rated voltage 250 V~
Switching current 10 A
Neon lamp current 1 mA

Or use glass pane-protected heating emergency switch.

- with neon lamp unit with N terminal order no. 1675
- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Suitable for optional	Order no.	Page
Incandescent lamp unit with N terminal		page 631
Neon lamp unit with N terminal		page 632
LED unit 230 V, for switches/push-buttons		page 632

IP44

Housing screws made of stainless steel.

Not suitable for heating systems > 50 kW.

Design	Order no.	PU
light grey/grey, glossy/matt	**3566 05**	10



Control on/off switch 2pole with imprint “Heizung Notschalter” and “0” surface-mounted

i 923

- Red lens

Rated voltage	250 V~
Switching current	10 A
Neon lamp current	1 mA

Or use glass pane-protected heating emergency switch.

Housing screws made of stainless steel.

Not suitable for heating systems > 50 kW.

- with neon lamp unit with N terminal order no. 1675
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

Suitable for optional	Order no.	Page
Incandescent lamp unit with N terminal		page 631
Neon lamp unit with N terminal		page 632
LED unit 230 V, for switches/push-buttons		page 632

IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**3562 05**	10

Pullcord switches



Pullcord switch off/change-over surface-mounted

Rated voltage	250 V~
Switching current	10 AX
Long pullcord	12 cm

Housing screws made of stainless steel.

- for wall and ceiling mounting
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**3976 15**	10

Supplementary products



Centre plate with glass plate

- Rocker

The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Housing screws made of stainless steel.

Adhesive label sheets, text white: “Notschalter”, “Rauchabzug”, “Feuerschutztür schließen”, “Feuerabschluss schließen”, “Heizung”, “Lichtkuppel”, “Hausalarm” and “Öffnen”.

Not suitable for heating systems > 50 kW.

In case of danger break glass and press rocker!

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
On/off switch 2pole with imprint “0” and “I” surface-mounted	3072 05	624
Change-over switch surface-mounted	3076 05	620
Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted	4780 05	627
Push-button, change-over contact surface-mounted	5076 05	623
Change-over switch surface-mounted	3076 09	620
Intermediate switch surface-mounted	3077 05	620
Push-button, NO contact with 2 separate signal contacts surface-mounted	5071 05	623
Push-button, change-over contact, surface-mounted	5076 09	623
On/off switch 2pole with upper casing and imprint “0 - 1” surface-mounted	6130 72 15	624
Change-over switch with upper casing surface-mounted	6130 76 15	621
Intermediate switch with upper casing surface-mounted	6130 77 15	621
Control on/off switch with upper casing and imprint “0” surface-mounted	6131 72 15	622
Control change-over switch with upper casing surface-mounted	6131 76 15	622
Push-button, change-over contact with upper casing, surface-mounted	6150 76 15	623

IP44

Design	Order no.	PU
red	**1290 99 05**	10

Combinations

Combinations switch/socket outlet

– Connection terminals according to IEC 60884-1



Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted

i 923

- Clamp-type terminals

Rated voltage	250 V~
Rated current	16 A
Switching current	10 AX

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover spring and axle made of stainless steel.

– for vertical mounting
– change-over switch and socket outlet connectable separately
– with hollow base
– with cable entry at top and bottom
– with plug-in terminals

Design	Order no.	PU
polar white	**4780 09**	5
light grey/grey, glossy/matt	**4780 05**	5



Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted

i 923

- Red lens

Rated voltage	250 V~
Rated current	16 A
Switching current	10 AX

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.

– for illumination and monitoring circuit
– for vertical mounting
– change-over switch and socket outlet connectable separately
– with hollow base
– with cable entry at top and bottom
– Wago clip-in 3-wire connection terminal for wiring
– with plug-in terminals

IP44

Suitable for optional	Order no.	Page
Incandescent lamp unit with N terminal		page 631
Neon lamp unit with N terminal		page 632
LED unit 230 V, for switches/push-buttons		page 632

Design	Order no.	PU
light grey/grey, glossy/matt	**4781 05**	5



Combination series switch/SCHUKO socket outlet with hinged cover surface-mounted

Rated voltage	250 V~
Rated current	16 A
Switching current	10 AX

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover spring and axle made of stainless steel.

– for vertical mounting
– series switch and socket outlet connectable separately
– with hollow base
– with cable entry at top and bottom
– with through terminal
– Wago clip-in 3-wire connection terminal for wiring
– with plug-in terminals

IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**4790 05**	5

Time switches



Mechanical timer surface-mounted

i 855

- Setting knob

Rated voltage	250 V~
Switching current	16 AX

Housing screws made of stainless steel.
Not suitable for 2- or 3gang combinations!

- with time scale symbol imprint
- 2pole on/off
- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring
- with screw terminals

IP44

Design	Order no.	PU
Running time 15 min		
light grey/grey, glossy/matt	**4227 05**	1
Running time 120 min		
light grey/grey, glossy/matt	**4228 05**	1

Rotary dimmer

Rotary dimmers



Surface-mounted rotary dimmer

i 856

- Setting knob
- Soft locking

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	60 ... 450 W
Number of built-in power boosters (R, L)	max. 10
Axis dimension Ø	4 mm

Housing screws made of stainless steel.
Not suitable for 2- or 3gang combinations!

- with change-over pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- phase cut-on
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**2895 05**	1

Blind switches/push-buttons

Rocker switches/rocker push-buttons for blinds



Blind series switch 1pole with imprinted symbol arrow surface mounted

Rated voltage	250 V~
Switching current	10 A

Housing screws made of stainless steel.
Follow the motor manufacturers' instructions.

- with mechanical and electrical interlocking to prevent mutual switch on
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**3075 25**	10



Push-button for blinds with imprinted symbol arrow surface-mounted

Rated voltage 250 V~
Momentary-contact current 10 A

Housing screws made of stainless steel.
Follow the motor manufacturers' instructions.

- with mechanical and electrical interlocking to prevent mutual activation
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**5075 05**	10

Rotary switch for blinds



Rotary switch for blinds 2pole with imprint surface-mounted

- Rotary knobs

Rated voltage 250 V~
Switching current 10 A

Housing screws made of stainless steel.

- with neutral-position
- with push lock function
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with screw terminals

Suitable for optional	Order no.	Page
Interlock disk for rotary switch for blinds		page 629

IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**3242 25**	1



Interlock disk for rotary switch for blinds

- for conversion to rotary push-button for blinds

Suitable for	Order no.	Page
Rotary switch for blinds 2pole with centre plate	3812 ..	497
Centre plate with rotary knob for rotary switch for blinds	1529 ..	603
Rotary switch for blinds 1pole with centre plate	3811 ..	497

Design	Order no.	PU
Interlock disk for rotary switch for blinds	**1861**	10

Key switches/key push-buttons for blinds



Push-button for blinds with imprint surface-mounted

- Lock
- Key can be removed in 0 position

Rated voltage 250 V~
Momentary-contact current 10 A

Housing screws made of stainless steel.

- with 2 keys
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals

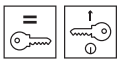
IP44

Design	Order no.	PU
light grey/grey, glossy/matt	**3271 05**	1



Switch for blinds 2pole with imprint surface-mounted

- Lock
- Key can be removed in 0 position



Rated voltage	250 V~
Switching current	10 A

Housing screws made of stainless steel.

- with 2 keys
- with push lock function
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with screw terminals

IP44



Design	Order no.	PU
light grey/grey, glossy/matt	**3272 05**	1



Switch for blinds 2pole with imprint surface-mounted

- Lock
- Key can be removed in 3 positions



Rated voltage	250 V~
Switching current	10 A

Housing screws made of stainless steel.

- with neutral-position
- with 2 keys
- with push lock function
- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring
- with screw terminals

IP44



Design	Order no.	PU
light grey/grey, glossy/matt	**3272 15**	1

Speed controllers



Surface-mounted speed controller

i 855

- Setting knob



Operating voltage	230 V~
Frequency	50 Hz
Motor nominal and slat current	max. 0.1 ... 2.3 A

Housing screws made of stainless steel.
Not suitable for 2- or 3gang combinations!

- for devices with motory drive
- with imprinted symbol curve
- with rotary on/off switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- basic speed adjustable
- additional switching contact for blade control
- phase cut-on
- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring
- with plug-in terminals



IP44



Design	Order no.	PU
light grey/grey, glossy/matt	**2970 10**	1

Pilot lamps



Surface-mounted push-button/pilot lamp E10, NO contact

Rated voltage	250 V~
Momentary-contact current	2 A
Incandescent lamp power	max. 2 W

Housing screws made of stainless steel.

- for illumination and monitoring circuit
- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with screw terminals

Suitable for	Order no.	Page
Cover for push-button/pilot lamp E10		page 633
Knob for push-button/pilot lamp E10		page 633
Neon lamp E10	1601	71
LED lamp E10	1678 ..	70

IP44



Design	Order no.	PU
light grey/grey, glossy/matt	**5112 15**	10



Pilot lamp E14 surface-mounted

Rated voltage	250 V~
Incandescent lamp power	max. 3 W
Long lamp base	max. 23.5 mm

Housing screws made of stainless steel.

- with cable entry at top and bottom
- Wago clip-in 3-wire connection terminal for wiring
- with screw terminals

Suitable for	Order no.	Page
Cover for pilot lamp E14		page 634
Incandescent lamp E14		page 71
LED lamp E14		page 71

IP44



Design	Order no.	PU
light grey/grey, glossy/matt	**5172 15**	10

Supplementary products

Glow and neon lamp units



Incandescent lamp unit with N terminal

i 850

Operating voltage	6 V
Rated current	0.035 A

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

Refer to the overview for the matching flush-mounted inserts.

- also for waterproof installation of switches and push-buttons
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808
- for illumination and monitoring circuit

Suitable for	Order no.	Page
Control on/off switch with upper casing and imprint “0” surface-mounted	6131 7 ..	622
Push-button, change-over contact with upper casing, surface-mounted	6150 ..	623
Illuminated change-over switch surface-mounted	3076 25	621
Control on/off switch 2pole with imprint “0” surface-mounted	3172 05	624
Control change-over switch surface-mounted	3176 05	622
Control on/off switch 2pole with imprint “Heizung Notschalter” and “0” surface-mounted	3562 05	626
Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted	4781 05	627
Push-button, NO contact with 2 separate signal contacts surface-mounted	5071 05	623
Push-button, change-over contact surface-mounted	5076 05	623
Control change-over switch with imprint “Heizung Notschalter” surface-mounted	3566 05	625
Push-button, change-over contact, surface-mounted	5076 09	623

Design	Order no.	PU
brown, 6V, 35 mA	**1676**	10
yellow, 12 V, 65 mA	**1676 02**	10
green, 24 V, 35 mA	**1676 01**	10
red, 48 V, 25 mA	**1676 03**	10



Neon lamp unit with N terminal

i 850

Operating voltage	230 V~
Rated current	0.001 A

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

Refer to the overview for the matching flush-mounted inserts.

- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808
- for illumination and monitoring circuit

Suitable for	Order no.	Page
Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted	4781 05	627
Push-button, change-over contact, surface-mounted	5076 0 ..	623
Control on/off switch with upper casing and imprint “0” surface-mounted	6131 72 15	622
Control change-over switch with upper casing surface-mounted	6131 76 15	622
Push-button, change-over contact with upper casing, surface-mounted	6150 76 15	623
Illuminated change-over switch surface-mounted	3076 25	621
Control on/off switch 2pole with imprint “0” surface-mounted	3172 05	624
Control change-over switch surface-mounted	3176 05	622
Control on/off switch 2pole with imprint “Heizung Notschalter” and “0” surface-mounted	3562 05	626
Control change-over switch with imprint “Heizung Notschalter” surface-mounted	3566 05	625
Push-button, NO contact with 2 separate signal contacts surface-mounted	5071 05	623

Design	Order no.	PU
grey, 230 V~, 1 mA	**1675**	10
orange, 230 V~, 0.4 mA	**1675 04**	10

New



LED unit 230 V, for switches/push-buttons

Operating voltage	230 V~
Rated current	1 mA
Service life of the LED	≈ 100000 h

When several LED units are used, the LED current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA LED current) in parallel with the coil.

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

Refer to the overview for the matching flush-mounted inserts.

- also for waterproof installation of switches and push-buttons
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808
- for illumination and monitoring circuit

Suitable for	Order no.	Page
Illuminated change-over switch surface-mounted	3076 25	621
Control on/off switch 2pole with imprint “0” surface-mounted	3172 05	624
Control change-over switch surface-mounted	3176 05	622
Control on/off switch 2pole with imprint “Heizung Notschalter” and “0” surface-mounted	3562 05	626
Control change-over switch with imprint “Heizung Notschalter” surface-mounted	3566 05	625
Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted	4781 05	627
Push-button, NO contact with 2 separate signal contacts surface-mounted	5071 05	623
Push-button, change-over contact surface-mounted	5076 05	623
Push-button, change-over contact, surface-mounted	5076 09	623
Control on/off switch with upper casing and imprint “0” surface-mounted	6131 7 ..	622
Push-button, change-over contact with upper casing, surface-mounted	6150 ..	623

Design	Order no.	PU
white, 230 V~, 1 mA	* **1686**	10
black, 230 V~, 0.4 mA	* **1686 01**	10

New



LED unit for switches/push-buttons

Rated voltage	12 ... 48 V~
Rated current	0.2 ... 0.9 mA
Service life of the LED	≈ 100000 h

Connection to direct voltage within the specified voltage range, ensuring the correct polarity.

Not suitable for push-button and pullcord switches, rocker switches and rocker push-buttons from the years 1985 to 1995.

Refer to the overview for the matching flush-mounted inserts.

- also for waterproof installation of switches and push-buttons
- for change-over/intermediate switch and on/off switch, 2-pole, 10 AX
- for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808
- for illumination and monitoring circuit

Suitable for	Order no.	Page
Illuminated change-over switch surface-mounted	3076 25	621
Control on/off switch 2pole with imprint “0” surface-mounted	3172 05	624
Control change-over switch surface-mounted	3176 05	622
Control on/off switch 2pole with imprint “Heizung Notschalter” and “0” surface-mounted	3562 05	626
Control change-over switch with imprint “Heizung Notschalter” surface-mounted	3566 05	625
Combination change-over switch/SCHUKO socket outlet with hinged cover surface-mounted	4781 05	627
Push-button, NO contact with 2 separate signal contacts surface-mounted	5071 05	623
Push-button, change-over contact surface-mounted	5076 05	623
Push-button, change-over contact, surface-mounted	5076 09	623
Control on/off switch with upper casing and imprint “0” surface-mounted	6131 7 ..	622
Push-button, change-over contact with upper casing, surface-mounted	6150 76 15 ..	623

Design	Order no.	PU
blue, 12 ... 48 V~, 0.2 ... 0.9 mA	* **1687**	10



LED unit for labelling field - illuminable

Operating voltage	230 V~
Rated current	0.003 A

When several surface LED units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Connect a capacitor 230 V, (1 µF per 10 mA LED current) in parallel with the coil.

Suitable for	Order no.	Page
Change-over switch surface-mounted	3076 55	621
Push-button, change-over contact surface-mounted	5076 55	623

Design	Order no.	PU
polar white	**1619 01**	10

Covers and push-buttons



Cover for push-button/pilot lamp E10

Suitable for	Order no.	Page
Surface-mounted push-button/pilot lamp E10, NO contact	5112 15	631

Design	Order no.	PU
clear, transparent	**1280**	10
red, transparent	**1281**	10
yellow, transparent	**1282**	10
green, transparent	**1283**	10



Knob for push-button/pilot lamp E10

Push-button head Ø	26.5 mm

Suitable for	Order no.	Page
Surface-mounted push-button/pilot lamp E10, NO contact	5112 15	631

Design	Order no.	PU
clear, transparent	**1279 02**	10
red, transparent	**1279**	10
green, transparent	**1279 03**	10



Cover for pilot lamp E14

Suitable for	Order no.	Page
Pilot lamp E14 surface-mounted	5172 15	631

Design	Order no.	PU
clear, transparent, flat	**1220**	10
clear, transparent, high	**1230**	10
red, transparent, high	**1231**	10
green, transparent, high	**1232**	10

Entries/connectors



Connector for multiple combinations

– to combine devices

IP44

Design	Order no.	PU
light grey	**1880**	10



Cable entry

IP44

Design	Order no.	PU
light grey, for 1 cable	**1881**	10
light grey, for 2 cables	**1882**	10



Cable entry, extended

IP44

Design	Order no.	PU
light grey, for 1 cable	**1889 05**	10



Entry M20 x 1.5 mm, can be screwed

IP44

Design	Order no.	PU
light grey, for 1 cable	**1962 05**	10
light grey, for 2 cables	**6119 63 05**	10



Tube entry

Thread (M x L)	M20 x 1.5 mm
Distance from wall to centre of pipe	21 mm

IP44

Design	Order no.	PU
light grey	**1886**	10



IP44

Entry cable duct

Design	Order no.	PU
for cable duct 15 x 15 mm		
Entry cable duct 15 x 15 mm, light grey, for 1 cable	**1804 05**	1
for cable duct 15 x 25 mm		
Entry cable duct 15 x 25 mm, light grey, for 1 cable	**1804 15**	1
for cable duct 15 x 30 mm		
Entry cable duct 15 x 30 mm, light grey, for 1 cable	**1804 25**	1



IP44

Entry for 2gang cable duct 15 x 15/25/30 mm

Design	Order no.	PU
light grey, for 2 cables	**1805 05**	1

Communication/multimedia technology

Data connector housings



Data connector housing surface-mounted

- Labelling field

Housing screws made of stainless steel.

Labelling field height designed for 9 mm P-touch strip.
Attention, a different degree of protection!

- with cable entry at top and bottom
- with through terminal
- Wago clip-in 3-wire connection terminal for wiring

Suitable for	Order no.	Page
Mounting plates		page 635

Design	Order no.	PU
light grey/grey, glossy/matt	**4256 15**	1

Mounting plates



Mounting plate unperforated

- for customised cut-outs or holes when installing special solutions

Suitable for	Order no.	Page
Data connector housing surface-mounted	4256 15	635

Design	Order no.	PU
black	**1111 00**	10



Mounting plate for XLR built-in jack P-series

i 924

– with cut-out dia. 24.5 mm

Suitable for	Order no.	Page
Data connector housing surface-mounted	4256 15	635

Manufacturer product line	Art. No.
XLR-circular plug-in connector	
Binder	
Cannon	
Conrad Electronic	
Farnell	
Hirose	
Lumberg	
Monacor	
Neutrik	
RS Components	

Design	Order no.	PU
black	**1111 05**	10



Mounting plate for D-Subminiature connector

i 924

– for socket or plug connector

Suitable for	Order no.	Page
Data connector housing surface-mounted	4256 15	635





Design	Order no.	PU
for connectors 9-pole		
black	**1111 03**	10
for connectors 15-pole		
black	**1111 02**	10
for connectors 25-pole		
black	**1111 01**	10



Mounting plate 1gang for modular jack

i 924

Indexing dimension (W x H) ≈ 15 x 19.3 mm

Suitable for	Order no.	Page
Data connector housing surface-mounted	4256 15	635

Manufacturer product line	Art. No.
LANmark 5, 6 and 7 (only with with Keystone-Clip)	
Nexans	
ELine 600 GG45 jacks	
Leoni Kerpen	
Keystone Jack	
Leoni Kerpen	
Modular jacks	
Asyco	
Dätwyler	
Dr. Ing. Sieger	
Drivex	
EFB Electronic	
Erni	
Hubbell	
Intracom	
Radiall	
Setec	

Design	Order no.	PU
black	**1111 16**	10



Mounting plate 2gang for modular jacks

i 924

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Suitable for	Order no.	Page
Data connector housing surface-mounted	4256 15	635

Manufacturer product line	Art. No.
Modular jacks	
AMP	

Design	Order no.	PU
black	**1112 18**	10



Mounting plate 2gang for fibre-optic couplings Duplex SC

i 924

Suitable for	Order no.	Page
Data connector housing surface-mounted	4256 15	635

Manufacturer product line	Art. No.
Fibre-optic couplings	
Ackermann	
AMP	
Brand-Rex	
BTR	
CobiNet	
Diamond	
Drahtex	
FiberCraft	
Huber+Suhner	
Krone	
Quante	
Telegärtner	

Design	Order no.	PU
black	**1112 21**	10

Switches/push-buttons

Key switches/key push-buttons



Change-over switch 2pole with imprint surface-mounted for lock cylinders

i 852

- Screw terminals



Rated voltage	250 V~
Switching current	16 A
Dimensions (W x H x D)	75 x 75 x 68 mm

- 2pole change-over
- with cover lock
- with push lock function
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with screw terminals

Suitable for	Order no.	Page
Lock cylinder		page 639

IP44



Design	Order no.	PU
Change-over switch 2pole with imprint surface-mounted for lock cylinders	**4466**	1



Change-over switch 2pole with imprint flush-mounted for lock cylinders

i 852

- Screw terminals



Rated voltage	250 V~
Switching current	16 A
Installation depth x Ø	73 x 65 mm
Dimensions aluminium cover plate (W x H)	100 x 125 mm

- 2pole change-over
- with cover lock
- with flush-mounted box
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with screw terminals

Suitable for	Order no.	Page
Lock cylinder		page 639
replacement		
Metal cover	1904	637

IP44



Design	Order no.	PU
Change-over switch 2pole with imprint flush-mounted for lock cylinders	**4416**	1



Metal cover

- without imprint
- aluminium

Suitable for	Order no.	Page
Change-over switch 2pole with imprint flush-mounted for lock cylinders	4416	637

Design	Order no.	PU
Metal cover	**1904**	1



Push-button with imprint surface-mounted for lock cylinder

- Screw terminals

Rated voltage	250 V~
Momentary-contact current	16 A
Dimensions (W x H x D)	74 x 74 x 45 mm

- with imprint
- NO contact
- with cover lock
- with cable entry diameter 11 mm at backside
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with screw terminals

Suitable for	Order no.	Page
Lock cylinder		page 639

IP44

Design	Order no.	PU
Push-button with imprint surface-mounted for lock cylinder	**4448**	1



Push-button with imprint flush-mounted for lock cylinder

- Screw terminals

Rated voltage	250 V~
Momentary-contact current	16 A
Installation depth x Ø	59 x 61 mm
Dimensions (L x W)	75 x 75 mm

- with imprint
- NO contact
- with cover lock
- with flush-mounted box
- with cable entry diameter 11 mm at top and backside
- with screw terminals

Suitable for	Order no.	Page
Lock cylinder		page 639

IP44

Design	Order no.	PU
Push-button with imprint flush-mounted for lock cylinder	**4450**	1

Key switches/key push-buttons for blinds



Switch for blinds 2pole with imprint surface-mounted for lock cylinder

i 852

- Screw terminals

Rated voltage	250 V~
Switching current	16 A
Dimensions (W x H x D)	75 x 75 x 68 mm

- with imprint
- with neutral-position
- with cover lock
- with push lock function
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with screw terminals

Suitable for	Order no.	Page
Lock cylinder		page 639

IP44

Design	Order no.	PU
Switch for blinds 2pole with imprint surface-mounted for lock cylinder	**4462**	1



Switch for blinds 2pole with imprint flush-mounted for lock cylinder

i 852

- Screw terminals

Rated voltage	250 V~
Switching current	16 A
Installation depth x Ø	73 x 65 mm
Dimensions aluminium cover plate (W x H)	100 x 125 mm

- with imprint
- with neutral-position
- with cover lock
- with push lock function
- with flush-mounted box
- with cable entry diameter 22.5 mm (PG 16) at bottom
- with screw terminals

Suitable for	Order no.	Page
Lock cylinder		page 639
replacement		
Metal cover with imprint	1903	639

IP44

Design	Order no.	PU
Switch for blinds 2pole with imprint flush-mounted for lock cylinder	**4412**	1



Metal cover with imprint

– aluminium

Suitable for	Order no.	Page
Switch for blinds 2pole with imprint flush-mounted for lock cylinder	4412	638

Design	Order no.	PU
Metal cover with imprint	**1903**	1



Push-button for blinds 1pole surface-mounted for lock cylinder

- 0 position



Rated voltage 250 V~
Momentary-contact current 16 A
Dimensions (W x H x D) 74 x 74 x 45 mm

– with imprint
– 1pole
– with neutral-position
– with cover lock
– with cable entry diameter 11 mm at backside
– with cable entry diameter 22.5 mm (PG 16) at bottom
– with screw terminals

IP44

Suitable for	Order no.	Page
Lock cylinder		page 639



Design	Order no.	PU
Push-button for blinds 1pole surface-mounted for lock cylinder	**4447**	1



Push-button for blinds 1pole flush-mounted for lock cylinder

- 0 position



Rated voltage 250 V~
Momentary-contact current 16 A
Installation depth x Ø 59 x 61 mm
Dimensions (L x W) 75 x 75 mm

– with imprint
– 1pole
– with neutral-position
– with cover lock
– with flush-mounted box
– with cable entry diameter 11 mm at top and backside
– with screw terminals

IP44

Suitable for	Order no.	Page
Lock cylinder		page 639



Design	Order no.	PU
Push-button for blinds 1pole flush-mounted for lock cylinder	**4449**	1

Supplementary products



Lock cylinder

i 852

In key switches, the key can be pulled out in the ON position in the appropriate bolt position.
With 5 tumblers to according to DIN 18252

– for switches/push-buttons for lock cylinders
– for change-over switches/push-buttons for lock cylinders

Suitable for	Order no.	Page
Key switches/key push-buttons		page 637
Key switches/key push-buttons for blinds		page 638

Design	Order no.	PU
with differing closures		
Lock cylinder	**1818**	1
with same closures		
Lock cylinder	**1818 01**	1

SCHUKO socket outlets with hinged cover

– Connection terminals according to IEC 60884-1

Combination SCHUKO socket outlets with hinged cover



2gang SCHUKO socket outlet horizontal with hinged cover surface-mounted

i 923

- Screw terminals

– inserts wired-through
– with hollow base
– with cable entry at top and bottom
– with screw terminals

Rated voltage 250 V~
Rated current 16 A

Instead of socket outlets, any other devices from the ISO-reinforced IP44 and IP66 ranges with degree of protection IP44 can be used.

Housing screws, hinged cover springs and axles made of stainless steel.

IP44

x2

Design	Order no.	PU
dark grey/yellow	**4370**	1



Surface-mounted double SCHUKO socket outlet with hinged cover

i 923

- Screw terminals

– for horizontal mounting
– inserts wired-through
– with hollow base
– side knock out openings for entries
– with cable entry at top
– with screw terminals

IP44

Rated voltage 250 V~
Rated current 16 A

As a result of the side cable entries specially suited for installation over workbenches.

Housing screws, hinged cover springs and axles made of stainless steel.

x2

Design	Order no.	PU
dark grey/yellow	**4322**	1



3gang SCHUKO socket outlet surface-mounted with hinged cover

i 923

- Screw terminals

– for horizontal mounting
– inserts wired-through
– with hollow base
– side knock out openings for entries
– with cable entry at top
– with screw terminals

IP44

Rated voltage 250 V~
Rated current 16 A

As a result of the side cable entries specially suited for installation over workbenches.

Switches, push-buttons, pilot lamps and data connector housings can be used instead of socket outlets.

Housing screws, hinged cover springs and axles made of stainless steel.

x3

Design	Order no.	PU
dark grey/yellow	**4323**	1



SCHUKO socket outlet with hinged cover surface-mounted

i 923

- Screw terminals

- with hollow base
- with cable entry at top and bottom
- with screw terminals

Rated voltage 250 V~
Rated current 16 A

Housing screws, hinged cover spring and axle made of stainless steel.

IP44

Design	Order no.	PU
dark grey/yellow	**4280**	1

International socket outlet systems

NEMA-socket outlets



Socket outlet with earthing contact and hinged cover USA/CANADA NEMA 5-15 R surface-mounted

i 923

- Screw terminals

- 2pole + earth
- with hollow base
- with screw terminals

Rated voltage 125 V~
Rated current 15 A

Housing screws, hinged cover springs and axles made of stainless steel.
Not UL-certified.
Standard NEMA 5-15 R

IP44

Design	Order no.	PU
dark grey/yellow	**4286**	1



Socket outlet with earthing contact and hinged cover 2gang vertical USA/CANADA NEMA 5-15 R surface-mounted

i 923

- Screw terminals

- 2pole + earth
- with hollow base
- with screw terminals

Rated voltage 125 V~
Rated current 15 A

Housing screws, hinged cover springs and axles made of stainless steel.
Not UL-certified.
Standard NEMA 5-15 R

IP44

Design	Order no.	PU
dark grey/yellow	**4293**	1



Socket outlet with earthing contact and hinged cover 3gang horizontal USA/CANADA NEMA 5-15 R surface-mounted

i 923

- Screw terminals

- 2pole + earth
- with hollow base
- with screw terminals

Rated voltage 125 V~
Rated current 15 A

Housing screws, hinged cover springs and axles made of stainless steel.
Not UL-certified.
Standard NEMA 5-15 R

IP44

Design	Order no.	PU
dark grey/yellow	**4324**	1



Socket outlet with earthing contact and hinged cover USA/CANADA NEMA 5-20 R surface-mounted

i 923

- Screw terminals

- 2pole + earth
- with hollow base
- with screw terminals

Rated voltage	125 V~
Rated current	20 A

IP44

Housing screws, hinged cover springs and axles made of stainless steel.
Not UL-certified.
Standard NEMA 5-20 R

Design	Order no.	PU
dark grey/yellow	**4288**	1



Socket outlet with earthing contact and hinged cover 2gang vertical USA/CANADA NEMA 5-20 R surface-mounted

i 923

- Screw terminals

- 2pole + earth
- with hollow base
- with screw terminals

Rated voltage	125 V~
Rated current	20 A

IP44

Housing screws, hinged cover springs and axles made of stainless steel.
Not UL-certified.
Standard NEMA 5-20 R

Design	Order no.	PU
dark grey/yellow	**4294**	1



Socket outlet with earthing contact and hinged cover 3gang horizontal USA/CANADA NEMA 5-20 R surface-mounted

i 923

- Screw terminals

- 2pole + earth
- with hollow base
- with screw terminals

Rated voltage	125 V~
Rated current	20 A

IP44

Housing screws, hinged cover springs and axles made of stainless steel.
Not UL-certified.
Standard NEMA 5-20 R

Design	Order no.	PU
dark grey/yellow	**4325**	1

Switches/push-buttons

Rocker switches



Change-over switch surface-mounted

- Clear lens

Rated voltage 250 V~
Switching current 10 AX

Housing screws made of stainless steel.

– for illumination and monitoring circuit
– with cable entry at top and bottom
– with additional terminal, e.g. for control switch function
– with plug-in terminals

Suitable for	Order no.	Page
Glow and neon lamp units		page 645

i 923

IP44



Design	Order no.	PU
dark grey/yellow	**3446**	1

Rocker push-buttons



Push-button, NO contact with 2 separate signal contacts surface-mounted

- Red lens

Rated voltage 250 V~
Momentary-contact current 10 A
Neon lamp current 2.7 mA

Housing screws made of stainless steel.
With light, bell, door and neutral symbols.

– for illumination and monitoring circuit
– can be illuminated with neon and glow lamp unit
– with neon lamp unit for rocker switch and rocker push-button order no. 1615
– with cable entry at top and bottom
– with plug-in terminals

Suitable for	Order no.	Page
Glow and neon lamp units		page 645

i 923

IP44



Design	Order no.	PU
dark grey/yellow	**5041 01**	1

Multi-pole rocker switches



Change-over switch 2pole surface-mounted for lock cylinders

Rated voltage 250 V~
Switching current 10 A

Housing screws made of stainless steel.

– for master-key systems
– with cable entry at top and bottom
– with screw terminals

Suitable for	Order no.	Page
Lock cylinder	1818 ..	75

IP44



Design	Order no.	PU
dark grey/yellow	**4386**	1

Combinations

– Connection terminals according to IEC 60884-1



Combination rotary switch/SCHUKO socket outlet with hinged cover surface-mounted

- Change-over switch
- Screw terminals

– for vertical mounting
– phase wired-through
– with hollow base
– with cable entry at top and bottom
– with screw terminals

Rated voltage	250 V~
Rated current	16 A
Switching current	16 AX

IP44

Instead of socket outlets, any other devices from the ISO-reinforced IP44 and IP66 ranges with degree of protection IP44 can be used.

Housing screws, hinged cover spring and axle made of stainless steel.

Design	Order no.	PU
dark grey/yellow	**4246**	1



Combination key switch/SCHUKO socket outlet with hinged cover and imprint surface-mounted

- Screw terminals

– with imprint “0 - 1”
– for vertical mounting
– for master-key systems
– phase and neutral conductor wired-through
– with hollow base
– with cable entry at top and bottom
– with screw terminals

Rated voltage	250 V~
Rated current	16 A
Switching current	10 A

IP44

Instead of SCHUKO socket outlets, any other devices from the ISO-reinforced IP44 and IP66 ranges with degree of protection IP44 can be used.

Housing screws, hinged cover spring and axle made of stainless steel.

Suitable for	Order no.	Page
Lock cylinder		page 639
optional		
Labelling field for terminal attachment		page 645

Design	Order no.	PU
dark grey/yellow, 2-pole can be switched on/off	**4432**	1

Blind switches/push-buttons

Key switches/key push-buttons for blinds



Push-button for blinds 1pole with imprint surface-mounted for lock cylinder

- 0 position

– for master-key systems
– with cable entry at top and bottom
– with screw terminals

Rated voltage	250 V~
Momentary-contact current	10 A

IP44

Housing screws made of stainless steel.

Suitable for	Order no.	Page
Lock cylinder		page 639
optional		
Labelling field for terminal attachment		page 645

Design	Order no.	PU
dark grey/yellow	**4391**	1

Housings



Empty housing

Housing screws made of stainless steel.

- 1 knock out opening, for command unit dia. 22.5 mm
- with cable entry at top and bottom

IP44

Design	Order no.	PU
dark grey	**4290**	1



Housing for signalling and command unit Ø 22.5 mm

Housing screws made of stainless steel.
Degree of protection IP44 is only guaranteed in conjunction with a suitable command unit!

- with cut-out dia. 22.5 mm
- with cable entry at top and bottom

IP44

Design	Order no.	PU
dark grey/yellow	**4291**	1

Supplementary products

Glow and neon lamp units



Incandescent lamp unit for switches/push-buttons

Suitable for	Order no.	Page
Change-over switch surface-mounted	3446	643
Push-button, NO contact with 2 separate signal contacts surface-mounted	5041 01	643

Design	Order no.	PU
yellow, 12 V, 65 mA	**1617**	10
green, 24 V, 35 mA	**1618**	10
red, 48 V, 25 mA	**1637**	10



Neon lamp unit for switches/push-buttons

Operating voltage 250 V~
Rated current 0.003 A

When several neon lamp units are used, the lamp current may result in malfunctioning of the relay/pulse relay. Remedy: Carry along a neutral conductor or connect a capacitor 230 V (1 µF per 10 mA neon lamp current) in parallel with the coil.

Suitable for	Order no.	Page
Change-over switch surface-mounted	3446	643
Push-button, NO contact with 2 separate signal contacts surface-mounted	5041 01	643

Design	Order no.	PU
white	**1615**	10

Labelling fields



Labelling field for terminal attachment

Labelling field height arranged for P-touch strips 9 mm.

- as devices cover for clamp cover

IP44

Suitable for	Order no.	Page
SCHUKO socket outlets with hinged cover		page 640
International socket outlet systems		page 641
Switches/push-buttons		page 643
Combinations		page 644
Blind switches/push-buttons		page 644
Housings		page 645

Design	Order no.	PU
dark grey	**1901**	10

Entries/connectors



Connector for multiple combinations

– to combine devices

IP44

Design	Order no.	PU
black	**1880 01**	10



Connector for multiple combinations IP44/IP66

– to combine IP44 devices with IP66 devices

Design	Order no.	PU
black	**1806**	10



Cable entry

Design	Order no.	PU
black, for 1 cable	**1881 01**	10



Entry M20 x 1.5, can be screwed

IP44

Design	Order no.	PU
black, for 1 cable	**1962 01**	10

SCHUKO connecting devices

SCHUKO socket outlets



SCHUKO socket outlet surface-mounted

- Bayonet hinged cover
- enhanced contact protection
- Screw terminals



Rated voltage 250 V~
Rated current 16 A

Housing screws made of stainless steel.
Connection terminals according to IEC 60884-1

IP66

i **923**

– for SCHUKO right angle plug with bayonet lock
– with cable entry at top and bottom
– with screw terminals

Suitable for	Order no.	Page
SCHUKO right angle plug with bayonet lock surface-mounted	4631	647

Design	Order no.	PU
dark grey/yellow	**4283**	1

SCHUKO plugs



SCHUKO right angle plug with bayonet lock surface-mounted

Rated voltage 250 V~
Rated current 16 A

- for interlocked SCHUKO socket outlet
- with threaded joint dia. 15.2 mm (PG 9)
- with screw terminals

Suitable for	Order no.	Page
SCHUKO socket outlet surface-mounted	4283	646

IP66

Design	Order no.	PU
dark grey/yellow	**4631**	1

Switches/push-buttons

Rotary switch



Surface-mounted rotary switch change-over i 923

Rated voltage 250 V~
Switching current 16 AX

- with cable entry at top and bottom
- with screw terminals

Housing screws made of stainless steel.
Switching sequence e.g. for clockwise series switch: 0 > 1 > 1+2 > 2 > 0

IP66

Design	Order no.	PU
dark grey/yellow	**3046**	1



Surface-mounted rotary switch series i 923

Rated voltage 250 V~
Switching current 16 AX

- with cable entry at top and bottom
- with screw terminals

Housing screws made of stainless steel.
Switching sequence e.g. for clockwise series switch: 0 > 1 > 1+2 > 2 > 0

IP66

Design	Order no.	PU
dark grey/yellow	**3045**	1



Control rotary switch off/change-over surface-mounted i 923

- Red lens

Rated voltage 250 V~
Switching current 16 AX
Neon lamp current 2.7 mA

- for illumination and monitoring circuit
- with cable entry at top and bottom
- with additional terminal, e.g. for control switch function
- with screw terminals

Suitable for	Order no.	Page
Glow lamp unit for rotary control switch	1613	649
Neon lamp unit for rotary control switch	1611	649
Glow lamp unit for rotary control switch	1614	649

Housing screws made of stainless steel.

IP66

Design	Order no.	PU
dark grey/yellow	**3146**	1

Multi-pole rotary switches



Control rotary switch 2pole off surface-mounted

i 923

- Red lens

Rated voltage	250 V~
Switching current	16 AX
Neon lamp current	2.7 mA

Housing screws made of stainless steel.

- with imprint “0 - 1”
- for illumination and monitoring circuit
- with cable entry at top and bottom
- with screw terminals

Suitable for	Order no.	Page
Neon lamp unit for rotary control switch	1611	649
Glow lamp unit for rotary control switch	1613	649
Glow lamp unit for rotary control switch	1614	649

IP66

Design	Order no.	PU
dark grey/yellow	**3142**	1

Blind switches/push-buttons



Rotary switch for blinds 2pole with imprint surface-mounted

Rated voltage	250 V~
Switching current	10 A

Housing screws made of stainless steel.

- with neutral-position
- with push lock function
- with cable entry at top and bottom
- with screw terminals

Suitable for	Order no.	Page
Interlock disk for rotary switch for blinds surface-mounted	1906	648

IP66

Design	Order no.	PU
dark grey/yellow	**4342**	1



Interlock disk for rotary switch for blinds surface-mounted

- for conversion to rotary push-button for blinds

Design	Order no.	PU
yellow	**1906**	10

Pilot lamps



Pilot lamp E14 surface-mounted

Rated voltage	250 V~
Incandescent lamp power	max. 3 W
Long lamp base	max. 23.5 mm

Housing screws made of stainless steel.

- with cable entry at top and bottom
- with screw terminals

Suitable for	Order no.	Page
Cover for pilot lamp E14		page 649
Incandescent lamp E14		page 649
LED lamp E14		page 649

IP66

Design	Order no.	PU
dark grey	**5152**	1



IP66

Cover for pilot lamp E14

Suitable for	Order no.	Page
Pilot lamp E14 surface-mounted	5152	648

Design	Order no.	PU
clear, transparent	**1241**	10
red, transparent	**1241 01**	10
yellow, transparent	**1241 02**	10
green, transparent	**1241 03**	10

Supplementary products

Glow and neon lamp units



Glow lamp unit for rotary control switch

Suitable for	Order no.	Page
Control rotary switch 2pole off surface-mounted	3142 ..	648
Control rotary switch off/change-over surface-mounted	3146 ..	647

Design	Order no.	PU
yellow, 12 V, 65 mA	**1613**	10
green, 24 V, 35 mA	**1614**	10



Neon lamp unit for rotary control switch

Operating voltage 250 V~
Rated current 0.003 A

Suitable for	Order no.	Page
Control rotary switch off/change-over surface-mounted	3146 ..	647
Control rotary switch 2pole off surface-mounted	3142 ..	648

Design	Order no.	PU
white	**1611**	10

Incandescent and LED lamps



Incandescent lamp E14

Operating voltage 230 V~
Power 3 W

- for pilot lamp with flat cover

Suitable for	Order no.	Page
Pilot lamp E14 surface-mounted	5152	648

Design	Order no.	PU
Incandescent lamp E14 for pilot lamp with flat cover, clear, transparent, for pilot lamp with flat cover	**1610 03**	100
Incandescent lamp E14 for pilot lamp high cover, clear, transparent, for pilot lamp with high cover	**1610 13**	100



LED lamp E14

Operating voltage 230 V~/=
Rated current 4.2 mA
Service life[1] of LED white/coloured ≈ 20000/50000 h

- for light signal with flat and high cover
- very long LED lifetime

[1] Typ. up to approx. 50 % of the output brightness

Suitable for	Order no.	Page
Pilot lamp E14 surface-mounted	5152	648

Design	Order no.	PU
white	**1679**	10
red	**1679 01**	10
yellow	**1679 02**	10
green	**1679 03**	10
blue	**1679 04**	10

Entries/connectors



Connector for multiple combinations

IP66

Design	Order no.	PU
black	**1808**	10



Connector for multiple combinations IP44/IP66

– to combine IP44 devices with IP66 devices

Design	Order no.	PU
black	**1806**	10



Cable entry

IP66

Design	Order no.	PU
black, for 1 cable	**1807**	10

Surface-mounted
wet-room installation

Dry surface-mounted installation

Connecting systems and accessories

Radio bus operating systems

Radio bus transmitters and actuators

KNX radio

KNX operating systems

KNX sensors and actuators

KNX system units

Security and safety systems

Technical appendix

Product summary

Surface-mounted housings for flush-mounted systems, Covers, Complete devices 654



Electric range connection boxes, Connecting devices, Accessory articles 664



Wall transmitters, Hand-held transmitters, Push-button Sensors 672



Switches, Dimmers, Time switches, Motion detectors, Blind controllers, Wall transmitters, Hand-held transmitters 692



Switches, Dimmers, Time switches, Motion detectors, Blind controllers, Wall transmitters, Hand-held transmitters 708



Push-button sensors, Push-buttons, B.IQ, TS Sensor, Visualisation 738



Motion detectors, Temperature controllers, Physical sensors, Interfaces, Time switches, RMD actuators, Flush-mounted actuators 792



System components, Interfaces, Gateways, Alarm system 830



Alarm central unit, Sirens, Smoke detectors 838



Technical information, Legends 848

929

Dry surface-mounted installation

An optimal solution for installation in dry rooms

- Specially for mounting with surface-mounted cable trains
- Quick, easy and uncomplicated



Schuko socket outlets	656
International Schuko socket outlet systems	658
Switches/push-buttons	658
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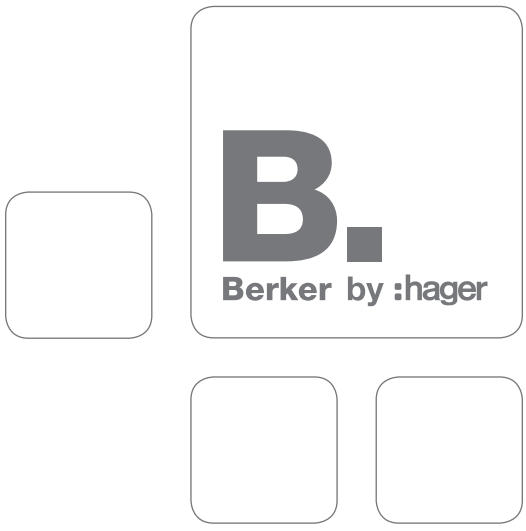


SCHUKO socket outlets

– Connection terminals according to IEC 60884-1



SCHUKO socket outlet surface-mounted

i 922

Rated voltage 250 V~
Rated current 16 A

– with hollow base
– with cable and duct entry
– knock out opening for entry at top and bottom
– with plug-in terminals

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1052 50	661

Design	Order no.	PU
white glossy	**4700 40**	10

New



SCHUKO socket outlet surface-mounted

i 922

- enhanced contact protection

Rated voltage 250 V~
Rated current 16 A

– with hollow base
– with cable and duct entry
– knock out opening for entry at top and bottom
– with plug-in terminals

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1052 50	661

Design	Order no.	PU
white glossy	* **4700 30**	10



SCHUKO socket outlet surface-mounted

i 922

- Screw terminals

Rated voltage 250 V~
Rated current 16 A

– with cable and duct entry
– knock out opening for entry at top and bottom
– with screw terminals

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1052 50	661

Design	Order no.	PU
with hollow base		
white glossy	**4000 99 40**	10
without hollow base		
white glossy	**4000 99 50**	10



SCHUKO socket outlet surface-mounted

i 922

- enhanced contact protection
- Screw terminals

Rated voltage 250 V~
Rated current 16 A

– with hollow base
– with cable and duct entry
– knock out opening for entry at top and bottom
– with screw terminals

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1052 50	661

Design	Order no.	PU
white glossy	**4000 99 30**	10

SCHUKO socket outlets with safety device



SCHUKO socket outlet with overvoltage protection surface-mounted

i 882

- Labelling field
- Screw terminals

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Insertion depth	32 mm

Labelling field height arranged for P-touch strips 6 mm.

Overvoltage protection to according to EN 61643 and VDE 0675-6-11

- with imprint
- with hollow base
- knock out opening for entry at top and bottom
- with indicator LED for “on/error”
- with acoustic fault signal
- with screw terminals

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1052 50	661

Design	Order no.	PU
white glossy	**4006 41**	1

Multiple SCHUKO socket outlets



Surface-mounted double SCHUKO socket outlet

i 922

Rated voltage	250 V~
Rated current	16 A

- for vertical and horizontal mounting
- with hollow base
- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

Suitable for	Order no.	Page
Base plate self-extinguishing for double socket outlet	1053 40	661

Design	Order no.	PU
white glossy	**4721 40**	10



Surface-mounted double SCHUKO socket outlet

i 922

- enhanced contact protection

Rated voltage	250 V~
Rated current	16 A

- for vertical and horizontal mounting
- with hollow base
- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

Suitable for	Order no.	Page
Base plate self-extinguishing for double socket outlet	1053 40	661

Design	Order no.	PU
white glossy	**4721 30**	10



3gang SCHUKO socket outlet, surface-mounted

i 922

- Screw terminals

Rated voltage	250 V~
Rated current	16 A

- for vertical and horizontal mounting
- with hollow base
- knock out openings for entries at top, bottom and side
- with screw terminals

Suitable for	Order no.	Page
Base plate self-extinguishing for 3gang socket outlet	1055	661

Design	Order no.	PU
white glossy	**4040**	5

International socket outlet systems

Socket outlets with earthing pin



Socket outlet with earthing pin surface-mounted

- enhanced contact protection
- Screw terminals



Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm

Connection terminals according to IEC 60884-1

– 2pole + earth
– with hollow base
– with cable and duct entry
– with screw terminals

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1052 50	661

i 853



Design	Order no.	PU
white glossy	**6760 06 40**	10

Switches/push-buttons

Rocker switches



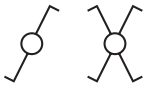
Rocker switch surface-mounted

Rated voltage 250 V~
Switching current 10 AX

– with cable and duct entry
– knock out opening for entry at top and bottom
– with plug-in terminals

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1052 50	661

i 922



Design	Order no.	PU
Change-over switch surface-mounted, white glossy [1]	**3006 40**	10
Intermediate switch surface-mounted, white glossy [1]	**3007 40**	10

[1] with cable and duct entry



On/off switch 2pole with imprint “0” and “I”, surface-mounted

Rated voltage 250 V~
Switching current 10 AX

– with cable and duct entry
– knock out opening for entry at top and bottom
– with plug-in terminals

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1052 50	661

i 922



Design	Order no.	PU
white glossy [1]	**3002 40**	10

[1] with cable and duct entry



On/off switch 3pole with imprint “0” and “I”, surface-mounted

Rated voltage 400 V~
Switching current 16 AX

– with cable and duct entry
– knock out opening for entry at top and bottom
– with screw terminals

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1052 50	661

i 922



Design	Order no.	PU
white glossy	**3003 40**	10



Control rocker switch surface-mounted

i 922

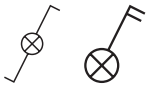
- Red lens



Rated voltage	250 V~
Switching current	10 AX
Neon lamp current	1 mA

- with cable and duct entry
- knock out opening for entry at top and bottom
- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with neon lamp unit with N terminal order no. 1675
- with screw terminals

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1052 50	661
optional		
Neon lamp unit with N terminal	1675 ..	69
Incandescent lamp unit with N terminal	1676 ..	69
LED unit 230 V, for switches/push-buttons	1686 ..	70
LED unit for switches/push-buttons	1687	70



Design	Order no.	PU
Control change-over switch surface-mounted, white	**3016 40**	10
Control on/off switch 2pole with imprint “0” surface-mounted, white glossy	**3012 40**	10

Combination rocker switches



Series switch surface-mounted

Rated voltage	250 V~
Switching current	10 AX

- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1052 50	661



Design	Order no.	PU
white glossy [1]	**3005 40**	10

[1] with cable and duct entry



Surface-mounted double change-over switch, isolated input terminals

Rated voltage	250 V~
Switching current	10 AX

- with cable and duct entry
- knock out opening for entry at top and bottom
- with screw terminals

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1052 50	661



Design	Order no.	PU
white glossy [1]	**3008 40**	10

[1] with cable and duct entry

Pullcord switches



Pullcord switch off/change-over surface-mounted

Rated voltage	250 V~
Switching current	10 AX
Long pullcord	12 cm

- for wall and ceiling mounting
- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1052 50	661



Design	Order no.	PU
white glossy	**3906 40**	10

Rocker push-buttons



Push-button, change-over contact surface-mounted

i 922

- Red lens

Rated voltage 250 V~
Momentary-contact current 10 A

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- with cable and duct entry
- knock out opening for entry at top and bottom
- can be illuminated using neon and glow lamp unit with N-terminal
- for illumination and monitoring circuit
- with plug-in terminals

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1052 50	661
optional		
Neon lamp unit with N terminal	1675 ..	69
Incandescent lamp unit with N terminal	1676 ..	69
LED unit 230 V, for switches/push-buttons	1686 ..	70
LED unit for switches/push-buttons	1687 ..	70

Design	Order no.	PU
white glossy	**5006 99 40**	10

Combinations



Combination change-over switch/SCHUKO socket outlet surface-mounted

i 922

Rated voltage 250 V~
Rated current 16 A
Switching current 10 AX

Connection terminals according to IEC 60884-1

- for vertical mounting
- change-over switch and socket outlet connectable separately
- with hollow base
- with cable and duct entry
- knock out opening for entry at top and bottom
- with plug-in terminals

Suitable for	Order no.	Page
Base plate self-extinguishing for combination 2gang	1054 40	661

Design	Order no.	PU
white glossy	**4796 40**	5

Pilot lamps



Surface-mounted push-button/pilot lamp E10, NO contact

i 852

Rated voltage 250 V~
Momentary-contact current 2 A
Incandescent lamp power max. 2 W

- with cable and duct entry
- knock out opening for entry at top and bottom
- for illumination and monitoring circuit
- with screw terminals

Suitable for	Order no.	Page
Base plate 1gang, self-extinguishing	1052 50	661
Knob for push-button/pilot lamp E10	1279 ..	72
Cover for push-button/pilot lamp E10	128 ..	71
Neon lamp E10	1601	71
LED lamp E10	1678 ..	70

Design	Order no.	PU
white glossy	**5100 40**	10



Pilot lamp E14 surface-mounted

Rated voltage 250 V~
Incandescent lamp power max. 3 W
Long lamp base max. 23.5 mm

- with cable and duct entry
- knock out opening for entry at top and bottom
- with screw terminals

Suitable for	Order no.	Page
Incandescent lamp E14		page 71
Cover for pilot lamp E14		page 72
Entries/connectors		page 662
Base plate 1gang, self-extinguishing	1052 50	661
LED lamp E14	1679 ..	71

Design	Order no.	PU
white glossy	**5130 40**	10

Supplementary products



Rocker

- Labelling field



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

The rocker can be replaced in all rocker switches and rocker push-buttons in the surface-mounted range except 2- and 3pole off.

Design	Order no.	PU
white glossy	**1636 40**	10

Base plates



Base plate 1gang, self-extinguishing

- for 1gang devices
- for mounting on combustible base surface
- with imprint

Suitable for	Order no.	Page
Switches/push-buttons		page 658
Pilot lamps		page 660
SCHUKO socket outlet surface-mounted	4000 ..	656
SCHUKO socket outlet with overvoltage protection surface-mounted	4006 ..	657
SCHUKO socket outlet surface-mounted	4700 ..	656
Socket outlet with earthing pin surface-mounted	6760 06 40	658

Design	Order no.	PU
white	**1052 50**	10



Base plate self-extinguishing for double socket outlet

- for mounting on combustible base surface
- with imprint

Suitable for	Order no.	Page
Surface-mounted double SCHUKO socket outlet	4721 ..	657

Design	Order no.	PU
white	**1053 40**	10



Base plate self-extinguishing for combination 2gang

- for mounting on combustible base surface
- with imprint

Suitable for	Order no.	Page
Combination change-over switch/SCHUKO socket outlet surface-mounted	4796 40	660

Design	Order no.	PU
white	**1054 40**	10



Base plate self-extinguishing for 3gang socket outlet

- for mounting on combustible base surface
- with imprint

Suitable for	Order no.	Page
3gang SCHUKO socket outlet, surface-mounted	4040	657

Design	Order no.	PU
white	**1055**	10

Entries/connectors



Wire and duct entry

Also suitable for surface-mounted frames and housings from the flush-mounted ranges.

– for wire or 15 x 15 mm cable duct

Suitable for	Order no.	Page
SCHUKO socket outlets		page 656
Switches/push-buttons		page 658
Combinations		page 660
Pilot lamps		page 660
Surface-mounted housings		page 243
Surface-mounted housings		page 250
Surface mounted frames		page 301
Surface-mounted housing high		page 575
Frame 1gang surface-mounted	1001 0 ..	513

Design	Order no.	PU
white	**1813**	10
polar white	**1813 09**	10
black	**1813 05**	10



Tube entry

Distance from wall to centre of pipe 16 mm

Also suitable for surface-mounted frames and housings from the flush-mounted ranges.

Suitable tubes for surface-mounted installation can be purchased at www.fraenkische-elektro.de.

– for tubes with coupling dia. 20.5 mm (PG 13.5) and M 20
– for tubes with Ø 15.2 mm (PG 9) and M 16

Suitable for	Order no.	Page
SCHUKO socket outlets		page 656
Switches/push-buttons		page 658
Combinations		page 660
Pilot lamps		page 660
Surface-mounted housings		page 243
Surface-mounted housings		page 250
Surface mounted frames		page 301
Surface-mounted housing high		page 575
Frame 1gang surface-mounted	1001 0 ..	513

Design	Order no.	PU
polar white	**1817 09**	10
black	**1817 05**	10

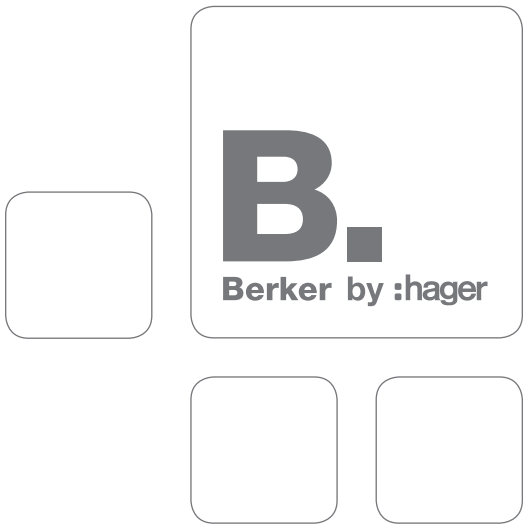
Connecting systems and accessories

Whether for cookers, large-scale kitchens, industry, building sites or other applications – connection boxes and connecting devices are needed everywhere. Berker offers a broad spectrum of products in response to the many and varied demands of everyday use.

Available systems:
- Electric range connection boxes
- CEE industrial connecting devices
- SCHUKO connecting devices
- Accessory articles



Electric range connection boxes	666
CEE connecting devices	666
Schuko connecting devices	670
Equipotential bonding sockets	670
Supplementary products	671



Electric range connection boxes



Electric range connection box surface-mounted/ flush-mounted

Conductor cross-section (rigid)	max. 2.5 mm²
Dimensions (L x W x H)	86 x 86 x 28 mm

- with 5pole double terminal, locking
- additional pin cover possible
- for screw and spread fixing in 60 and 70 box
- with screw terminals

Design	Order no.	PU
polar white	**4478 09**	5



Electric range connection box flush-mounted

Conductor cross-section (rigid)	max. 2.5 mm²
Dimensions (L x W x H)	86 x 86 x 12 mm

Quick-mounting with a spreader claw bolt.

- with 5pole double terminal, locking
- for screw and spread fixing in 60 and 70 box
- flat execution
- with screw terminals

Design	Order no.	PU
polar white	**4477 09**	5

CEE connecting devices

CEE connecting devices 3pole



CEE socket outlet 3pole with flush-mounted hinged cover 16 A

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
3-pole	P + N + PE
Protective contact position	6 h

- with flush-mounted box
- with screw terminals

IP44

Design	Order no.	PU
polar white	**5684 01**	5



CEE socket outlet 3pole with hinged cover surface-mounted 16 A

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
3-pole	P + N + PE
Conductor Ø	max. 18 mm
Protective contact position	6 h

- with cable entry
- with screw terminals

IP44

Design	Order no.	PU
light grey	**5581 01**	5



CEE socket outlet 3pole with hinged cover EB 16 A

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
3-pole	P + N + PE
Protective contact position	6 h

- built-on socket outlet
- suitable for cable duct, type 68 and 74 flush-mounted and hollow-wall boxes
- suitable e.g. for switch cabinet door
- with screw terminals

IP44

Design	Order no.	PU
polar white	**5681 01**	5



CEE right angle plug 3pole 16 A

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
3-pole	P + N + PE
Protective contact position	6 h

- with internal anti-kink protection
- with screw terminals

IP44

Design	Order no.	PU
grey/blue	**5781 01**	10



CEE socket outlet 3pole with flush-mounted hinged cover 32 A

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	32 A
3-pole	P + N + PE
Protective contact position	6 h

- with flush-mounted box
- with screw terminals

IP44

Design	Order no.	PU
polar white	**5786 01**	5



CEE socket outlet, 3pole with hinged cover AP 32 A

Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	32 A
3-pole	P + N + PE
Conductor Ø	max. 18 mm
Protective contact position	6 h

- with cable entry
- with screw terminals

IP44

Design	Order no.	PU
light grey	**5784 01**	5



CEE right angle plug 3pole 32 A

Rated voltage	400 V~
Frequency	50/60 Hz
Rated current	32 A
3-pole	P + N + PE
Protective contact position	6 h

- with internal anti-kink protection
- with screw terminals

IP44

Design	Order no.	PU
grey/blue	**5783 01**	10

CEE connecting devices 5pole



CEE socket outlet 5pole with flush-mounted hinged cover 16 A

Rated voltage	400 V~
Frequency	50/60 Hz
Rated current	16 A
5-pole	3 P + N + PE
Protective contact position	6 h

- with flush-mounted box
- with screw terminals

IP44

Design	Order no.	PU
polar white	**5680 01**	5



CEE socket outlet 5pole with hinged cover surface-mounted 16 A

Rated voltage	400 V~
Frequency	50/60 Hz
Rated current	16 A
5-pole	3 P + N + PE
Cable Ø	max. 18 mm
Protective contact position	6 h

- with cable entry
- with screw terminals

IP44

Design	Order no.	PU
light grey	**5580 01**	5



CEE socket outlet 5pole with hinged cover EB 16 A

Rated voltage	400 V~
Frequency	50/60 Hz
Rated current	16 A
5-pole	3 P + N + PE
Protective contact position	6 h

- built-on socket outlet
- suitable for cable duct, type 74 flush-mounted and hollow-wall boxes
- suitable e.g. for switch cabinet door
- with screw terminals

IP44

Design	Order no.	PU
polar white	**5785 01**	5



CEE right angle plug 5pole 16 A

Rated voltage	400 V~
Frequency	50/60 Hz
Rated current	16 A
5-pole	3 P + N + PE
Protective contact position	6 h

- cable entry can be turned 60° to the left and right
- with internal anti-kink protection
- with screw terminals

IP44

Design	Order no.	PU
grey/red	**5780 01**	10



CEE socket outlet 5pole with flush-mounted hinged cover 32 A

Rated voltage	400 V~
Frequency	50/60 Hz
Rated current	32 A
5-pole	3 P + N + PE
Protective contact position	6 h

- with flush-mounted box
- with screw terminals

IP44

Design	Order no.	PU
polar white	**5682 01**	5



CEE socket outlet, 5pole with hinged cover surface-mounted 32 A

Rated voltage	400 V~
Frequency	50/60 Hz
Rated current	32 A
5-pole	3 P + N + PE
Conductor Ø	max. 18 mm
Protective contact position	6 h

- with cable entry
- with screw terminals

IP44

Design	Order no.	PU
light grey	**5582 01**	5



CEE socket outlet 5pole with hinged cover EB 32 A

Rated voltage	400 V~
Frequency	50/60 Hz
Rated current	32 A
5-pole	3 P + N + PE
Protective contact position	6 h

- built-on socket outlet
- suitable e.g. for switch cabinet door
- also suitable for cable ducts
- with screw terminals

IP44

Design	Order no.	PU
polar white	**5683 01**	5



CEE right angle plug 5pole 32 A

Rated voltage	400 V~
Frequency	50/60 Hz
Rated current	32 A
5-pole	3 P + N + PE
Protective contact position	6 h

- with internal anti-kink protection
- with screw terminals

IP44

Design	Order no.	PU
grey/red	**5782 01**	10

Supplementary products



CEE flush-mounted wall box

Bolt spacing	60 mm
Installation depth, flush-mounted boxes	64 mm

Design	Order no.	PU
CEE flush-mounted wall box	**1830 01**	5

SCHUKO connecting devices



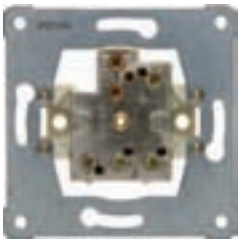
SCHUKO right angle plug

Rated voltage	250 V~
Rated current	16 A

- can be screwed
- duroplastic housing
- with screw terminals

Design	Order no.	PU
white	**4606**	20

Equipotential bonding sockets



Socket outlet for floating output

- Screw terminals

Conductor cross-section (rigid)	max. 6 mm²

For separate earthing of medical-technical equipment and lab equipment.

Connection pins according to DIN 42801

- without spreader claws
- with screw terminals

Suitable for	Order no.	Page
Central plate for socket outlet for floating output	1403 ..	231
Right angle plug for floating output	4605	671
Centre plate socket outlet for floating output	1705 01 04	445

Design	Order no.	PU
Socket outlet for floating output	**1061**	10



Built-in socket for floating output

Conductor cross-section (rigid) max. 6 mm²

For separate earthing of medical-technical equipment and lab equipment.

Connection pins according to DIN 42801

- for centre plate with cut-out dia. 18.8 mm
- with a green yellow signal ring

Suitable for	Order no.	Page
Centre plate with installation opening Ø 18.8 mm	1070 ..	437
Right angle plug for floating output	4605	671
Central plate with installation opening Ø 18.8 mm	1431 ..	172



Design	Order no.	PU
Built-in socket for floating output	**4604**	1



Right angle plug for floating output

Conductor cross-section (rigid) max. 6 mm²

For separate earthing of medical-technical equipment and lab equipment.

For connection pins according to according to DIN 42801

- for equipotential bonding socket outlet and built-in socket
- with yellow insulating cover and crimp connection

Suitable for	Order no.	Page
Socket outlet for floating output	1061	670
Built-in socket for floating output	4604	671

Design	Order no.	PU
Right angle plug for floating output	**4605**	1

Supplementary products

Extension claws



Extension claw for attaching

Extension by 15 mm

Suitable for switch/button inserts and sockets from before 2011.

Not for electronics inserts!

Design	Order no.	PU
Extension claw for attaching	**1913**	50



Replacement claw

Extension by 15 mm

Suitable for the new socket outlet generation from approx. 2011.

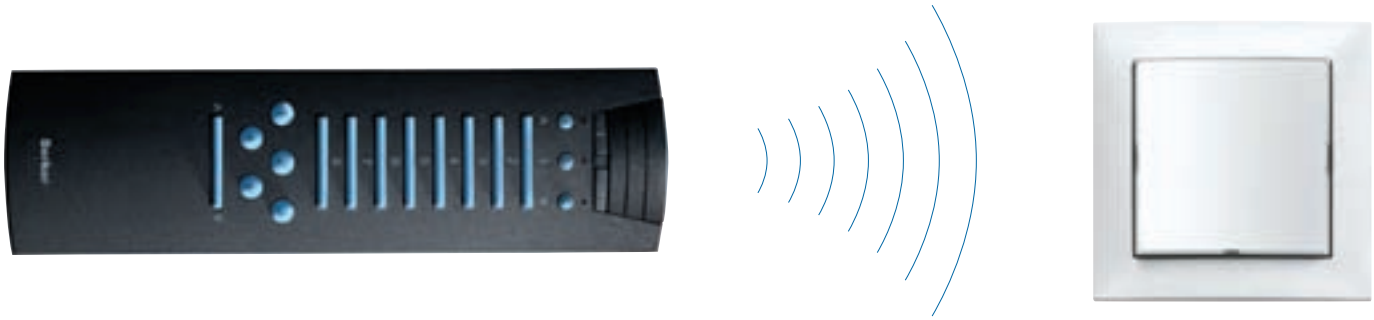
Not suitable for switch inserts.

Design	Order no.	PU
Set with 20 claws	**1914**	1

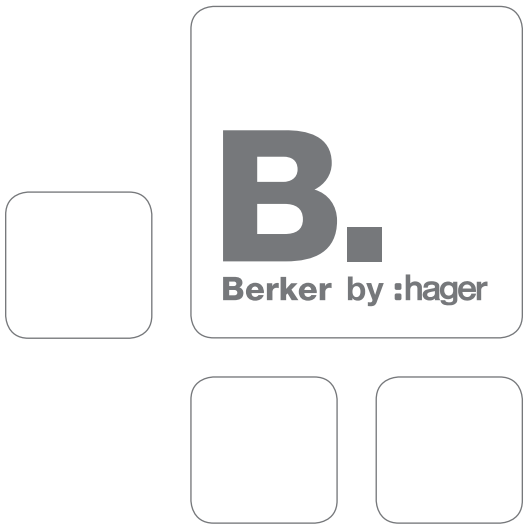
Radio bus operating systems

Anyone wanting to renovate their property and make it more comfortable does not always need to get to grips with drills and crowbars. The operating systems and devices of our radio bus system work with battery-operated switchable consumers and can be mounted easily without major installation work. They can be used to control blinds and lights easily from any consumer in the building. Really neat!

- Installation in places where conventional installation would not allow mounting of a switch
- Retrofit installation of convenience functions – simply and inexpensively
- Hand-held radio transmitter for further convenience functions such as centralised operation of all lights in the house and garden, simultaneous activation of lights and blinds in light scenes, or central switching-off of all electrical consumers upon leaving the house
- Radio buttons, transmitters and push-buttons available in the standard and surface range designs



Central units	674
Transmitters	674
Push-buttons	678
BLC – Berker Light Control	683
Rollotec system	687
Supplementary products	690



Central units



HM 1801

899

Operating voltage	230/240 V~
Frequency	50/60 Hz
Number of radio channels	32
Radio transmission/reception frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission/reception range (free field)	max. 100 m
Operating temperature	+4 ... +40 °C
Dimensions (W x H x D)	140 x 230 x 50 mm

The batteries required for network-independent commissioning 5 x Micro, alkaline (LR 03) are not included in the scope of delivery.

- as radio control centre for all radio transmitters/actuators
- with integrated radio signal amplifier
- time functions by means of radio time with DCF77 receiver
- presence simulation
- short message function/notepad function
- master on/off, light scenes or scenarios e.g. coming/going
- switching, dimming, shutter control
- light scenes quick selection using keyboard
- with programmable logical and time operations
- preset and freely definable names for transmitter, receiver, rooms etc.
- with chip card for saving and loading configurations/programs etc.
- time-dependent controller monitoring
- update for function expansion possible
- with blue Master button either for short messages or coming/going function
- with serial interface
- with child lock
- integral piezo buzzer
- indication of the time and room temperature
- LC display with illumination
- pre-assembled, with cable and plug
- with screw terminals

Suitable for	Order no.	Page
HM 1801 Mastercard	2700 01	674

Design	Order no.	PU
polar white matt	**2700**	1

Accessories



HM 1801 Mastercard

- for saving and loading additional configurations/programs etc.

Suitable for	Order no.	Page
HM 1801	2700	674

Design	Order no.	PU
polar white	**2700 01**	1

Transmitters

Hand-held transmitter



Radio hand-held transmitter comfort

900

Operating voltage	6 V=
Battery service life [years]	≈ 3
Number of radio channels	24
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Operating temperature	+0 ... +55 °C
Dimensions (L x W x H)	192 x 53 x 22.5 mm

The required batteries 4 x Micro, alkaline (LR 03) are not in scope of delivery.

For battery-operated radio remote control of all assigned radio bus receivers.

- each channel can be assigned to any number of radio receivers
- with master on/off function
- with 3 channel group LEDs (also transmission and battery status LEDs)
- with 5 light scene buttons
- with light scene dimmer button
- with 3 channel group buttons A, B, C
- with 8 channel buttons (on/off; up/down; dimmer)

Design	Order no.	PU
anthracite matt	**2766**	1



Radio hand-held transmitter mini

i 899

Operating voltage	3 V=
Battery service life [years]	≈ 5
Number of radio channels	2
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 30 m
Operating temperature	+0 ... +55 °C
Dimensions (L x W x H)	73 x 40 x 19 mm

- each channel can be assigned to any number of radio receivers
- with red transmit and battery status LED
- with lithium coin cell battery 3 V type: CR 2032
- 2 buttons each per channel for On/Off, Up/Down, dimmer function

For battery-operated radio remote control of all assigned radio bus receivers.

Suitable for replacement	Order no.	Page
Lithium coin cell battery 3 V		page 690



Design	Order no.	PU
anthracite matt	**2769**	1

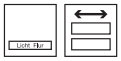
Wall-transmitters



Radio wall-transmitter 1gang flat

i 900

- Labelling field
- Horizontal operation



Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	1
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 1 channel/1 light scene/central OFF via dip switch adjustable
- with red transmit and battery status LED
- changing of light scenes via DIP switch lockable
- with lithium coin cell battery 3 V type: CR 2032
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad

Suitable for	Order no.	Page
Glare protection foil		page 690
replacement		
Lithium coin cell battery 3 V		page 690



New





Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**2721 10 09**	1
for anthracite and aluminium [1]	**2721 10 06**	1
Berker Q.1/Q.3		
polar white [1]	**2721 60 89**	1
anthracite [1]	* **2721 60 86**	1
Berker K.1/K.5		
polar white glossy [2]	**2721 70 09**	1
anthracite [2]	**2721 70 06**	1
aluminium [2]	**2721 70 24**	1
stainless steel [2]	**2721 70 04**	1

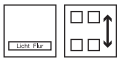
[1] labelling field length (W x H): 52.3 x 52.3 mm
[2] labelling field length (W x H): 66.8 x 52.8 mm



Radio wall-transmitter 1gang flat

i 900

- Labelling field
- Vertical operation



Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	1
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 1 channel/1 light scene/central OFF via dip switch adjustable
- with red transmit and battery status LED
- changing of light scenes via DIP switch lockable
- with lithium coin cell battery 3 V type: CR 2032
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad

Suitable for	Order no.	Page
Glare protection foil		page 690
replacement		
Lithium coin cell battery 3 V		page 690







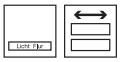
Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	# **2721 19 09**	1
anthracite matt	# **2721 16 06**	1
aluminium matt, lacquered	# **2721 14 04**	1
Modul 2		
white glossy	# **2721 02**	1
polar white glossy	# **2721 09**	1
Berker Arsys		
white glossy	**2721 00 02**	1
polar white glossy	**2721 00 69**	1
light bronze matt, lacquered	**2721 90 11**	1
stainless steel matt, lacquered	**2721 90 04**	1



Radio wall-transmitter 2gang flat

i 900

- Labelling field
- Horizontal operation



Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	2
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 2 channel/3 light scenes/central OFF via dip switch adjustable
- with red transmit and battery status LED
- changing of light scenes via DIP switch lockable
- with lithium coin cell battery 3 V type: CR 2032
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad

Suitable for	Order no.	Page
Glare protection foil		page 690
replacement		
Lithium coin cell battery 3 V		page 690



New





Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**2722 10 09**	1
for anthracite and aluminium [1]	**2722 10 06**	1
Berker Q.1/Q.3		
polar white [1]	**2722 60 89**	1
anthracite [1]	* **2722 60 86**	1
Berker K.1/K.5		
polar white [2]	**2722 70 09**	1
anthracite [2]	**2722 70 06**	1
aluminium [2]	**2722 70 24**	1
stainless steel [2]	**2722 70 04**	1

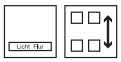
[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm



Radio wall-transmitter 2gang flat

i 900

- Labelling field
- Vertical operation



Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	2
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 2 channel/3 light scenes/central OFF via dip switch adjustable
- with red transmit and battery status LED
- changing of light scenes via DIP switch lockable
- with lithium coin cell battery 3 V type: CR 2032
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad

Suitable for	Order no.	Page
Glare protection foil		page 690
replacement		
Lithium coin cell battery 3 V		page 690







Design		Order no.	PU
Berker S.1/B.3/B.7			
polar white matt	#	**2722 19 09**	1
anthracite matt	#	**2722 16 06**	1
aluminium matt, lacquered	#	**2722 14 04**	1
Modul 2			
white glossy	#	**2722 02**	1
polar white glossy	#	**2722 09**	1
Berker Arsys			
white glossy		**2722 00 02**	1
polar white glossy		**2722 00 69**	1
light bronze matt, lacquered		**2722 90 11**	1
stainless steel matt, lacquered		**2722 90 04**	1



Radio wall-transmitter 3gang flat

i 900

- Labelling field
- Horizontal operation



Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	3
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 3 channel/5 light scenes/central OFF via dip switch adjustable
- with red transmit and battery status LED
- changing of light scenes via DIP switch lockable
- with lithium coin cell battery 3 V type: CR 2032
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad

Suitable for	Order no.	Page
Glare protection foil		page 690
replacement		
Lithium coin cell battery 3 V		page 690



New



Design		Order no.	PU
Berker S.1/B.3/B.7			
for white and polar white [1]		**2723 10 09**	1
for anthracite and aluminium [1]		**2723 10 06**	1
Berker Q.1/Q.3			
polar white [1]		**2723 60 89**	1
anthracite [1]	*	**2723 60 86**	1



Design	Order no.	PU
Berker K.1/K.5		
polar white [2]	**2723 70 09**	1
anthracite [2]	**2723 70 06**	1
aluminium [2]	**2723 70 24**	1
stainless steel [2]	**2723 70 04**	1

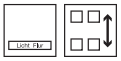
[1] labelling field length (W x H): 52.3 x 15.6 mm
[2] labelling field length (W x H): 66.8 x 15.7 mm



Radio wall-transmitter 4gang flat

i 900

- Labelling field
- Vertical operation



Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	4
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 4 channel/5 light scenes/central OFF via dip switch adjustable
- with red transmit and battery status LED
- changing of light scenes via DIP switch lockable
- with lithium coin cell battery 3 V type: CR 2032
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad

Suitable for	Order no.	Page
Glare protection foil		page 690
replacement		
Lithium coin cell battery 3 V		page 690

Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	# **2724 19 09**	1
anthracite matt	# **2724 16 06**	1
aluminium matt, lacquered	# **2724 14 04**	1
Modul 2		
white glossy	# **2724 02**	1
polar white glossy	# **2724 09**	1







Berker Arsys		
white glossy	**2724 00 02**	1
polar white glossy	**2724 00 69**	1
light bronze matt, lacquered	**2724 90 11**	1
stainless steel matt, lacquered	**2724 90 04**	1

Push-buttons



Radio wall transmitter insert

i 900

Operating voltage	6 V=
Battery service life [years]	≈ 3
Number of radio channels	4
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Insertion depth	12 mm
Operating temperature	+0 ... +55 °C

Fits in flush-mounted and hollow wall boxes from Kaiser.
For battery-operated radio remote control of all assigned radio bus receivers.

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- key functions: 4 channel/5 light scenes/central OFF via dip switch adjustable
- transmission indicator LED and battery charge indicator in push-button
- with 2 x lithium coin cell battery 3 V type: CR 2032
- for push-button 1-/2-/3- or 4gang
- mounting as flush/surface/table-top radio transmitter with built-on installation housing, flat design possible
- without spreader claws

Suitable for	Order no.	Page
Push-buttons		page 679
replacement		
Lithium coin cell battery 3 V		page 690



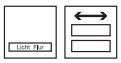
Design	Order no.	PU
black, matt	**2764**	1

Push-buttons



Push-button 1gang

- Labelling field
- Horizontal operation



- with anti-dismantling protection
- with 2 red transmission and battery status LEDs
- for radio wall-transmitter insert

Operating temperature -5 ... +45 °C



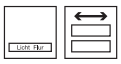
Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 13 80**	1
for anthracite and aluminium [1]	**7516 13 85**	1
Berker K.1/K.5		
polar white [2]	**7516 13 70**	1
anthracite [2]	**7516 13 75**	1
aluminium [2]	**7516 13 74**	1
stainless steel [2]	**7516 13 73**	1

[1] labelling field length (W x H): 52.3 x 52.3 mm
[2] labelling field length (W x H): 66.8 x 52.8 mm



Push-button 2gang

- Labelling fields
- Horizontal operation



- with anti-dismantling protection
- with 4 red transmission and battery status LEDs
- for radio wall-transmitter insert

Operating temperature -5 ... +45 °C



Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 23 80**	1
for anthracite and aluminium [1]	**7516 23 85**	1
Berker K.1/K.5		
polar white [2]	**7516 23 70**	1
anthracite [2]	**7516 23 75**	1
aluminium [2]	**7516 23 74**	1
stainless steel [2]	**7516 23 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm



Push-button 3gang

- Labelling fields
- Horizontal operation



- with anti-dismantling protection
- with 6 red transmission and battery status LEDs
- for radio wall-transmitter insert

Operating temperature -5 ... +45 °C



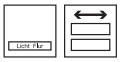
Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 33 80**	1
for anthracite and aluminium [1]	**7516 33 85**	1
Berker K.1/K.5		
polar white [2]	**7516 33 70**	1
anthracite [2]	**7516 33 75**	1
aluminium [2]	**7516 33 74**	1
stainless steel [2]	**7516 33 73**	1

[1] labelling field length (W x H): 52.3 x 15.6 mm
[2] labelling field length (W x H): 66.8 x 15.7 mm



Push-button 4gang

- Labelling fields
- Horizontal operation



Operating temperature -5 ... +45 °C

Use only in combination with frame frame with large cut-out.

Only for flush-mounted installation.

- with anti-dismantling protection
- with 8 red transmission and battery status LEDs
- for radio wall-transmitter insert

Suitable for	Order no.	Page
Glass frame with large cut-out	1309 64 ..	257



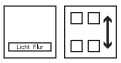
Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 43 80**	1
for anthracite and aluminium [1]	**7516 43 85**	1
Berker K.1/K.5		
polar white [2]	**7516 43 70**	1
anthracite [2]	**7516 43 75**	1
aluminium [2]	**7516 43 74**	1
stainless steel [2]	**7516 43 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm



Push-button 1gang

- Labelling field
- Vertical operation



Operating temperature -5 ... +45 °C

- with anti-dismantling protection
- with red transmit and battery status LED
- for radio wall-transmitter insert

Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 10 89**	1
anthracite matt	# **7516 10 85**	1
aluminium matt, lacquered	# **7516 10 83**	1
Modul 2		
white glossy	# **7516 10 12**	1
polar white glossy	# **7516 10 19**	1



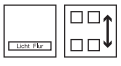


Berker Arsys		
white glossy	**7516 10 42**	1
polar white glossy	**7516 10 49**	1
light bronze matt, lacquered	**7516 10 44**	1
stainless steel matt, lacquered	**7516 10 43**	1



Push-button 2gang

- Labelling field
- Vertical operation



Operating temperature -5 ... +45 °C

- with anti-dismantling protection
- with 2 red transmission and battery status LEDs
- for radio wall-transmitter insert

Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 20 89**	1
anthracite matt	# **7516 20 85**	1
aluminium matt, lacquered	# **7516 20 83**	1



Modul 2

white glossy	#	**7516 20 12**	1
polar white glossy	#	**7516 20 19**	1



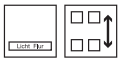
Berker Arsys

white glossy	**7516 20 42**	1
polar white glossy	**7516 20 49**	1
light bronze matt, lacquered	**7516 20 44**	1
stainless steel matt, lacquered	**7516 20 43**	1



Push-button 4gang

- Labelling field
- Vertical operation



- with anti-dismantling protection
- with 4 red transmission and battery status LEDs
- for radio wall-transmitter insert

Operating temperature -5 ... +45 °C

Design		Order no.	PU
Berker S.1/B.3/B.7			
polar white matt	#	**7516 40 89**	1
anthracite matt	#	**7516 40 85**	1
aluminium, matt, lacquered	#	**7516 40 83**	1
Modul 2			
white glossy	#	**7516 40 12**	1
polar white glossy	#	**7516 40 19**	1



Berker Arsys

white glossy	**7516 40 42**	1
polar white glossy	**7516 40 49**	1
light bronze matt, lacquered	**7516 40 44**	1
stainless steel matt, lacquered	**7516 40 43**	1



Push-button 1gang

Operating temperature -5 ... +45 °C

- with anti-dismantling protection
- for radio wall-transmitter insert

Design		Order no.	PU
Berker S.1/B.3/B.7			
polar white matt		**7516 11 89**	1
anthracite matt		**7516 11 85**	1
aluminium matt, lacquered		**7516 11 83**	1
Modul 2			
white glossy		**7516 11 12**	1
polar white glossy		**7516 11 19**	1



Berker Arsys

white glossy	**7516 11 42**	1
polar white glossy	**7516 11 49**	1
light bronze matt, lacquered	**7516 11 44**	1
stainless steel matt, lacquered	**7516 11 43**	1



Push-button 2gang

Operating temperature -5 ... +45 °C

- with anti-dismantling protection
- for radio wall-transmitter insert





Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	**7516 21 89**	1
anthracite matt	**7516 21 85**	1
aluminium, matt, lacquered	**7516 21 83**	1
Modul 2		
white glossy	**7516 21 12**	1
polar white glossy	**7516 21 19**	1
Berker Arsys		
white glossy	**7516 21 42**	1
polar white glossy	**7516 21 49**	1
light bronze matt, lacquered	**7516 21 44**	1
stainless steel matt, lacquered	**7516 21 43**	1



Push-button 4gang

Operating temperature -5 ... +45 °C

- with anti-dismantling protection
- for radio wall-transmitter insert





Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	**7516 41 89**	1
anthracite matt	**7516 41 85**	1
aluminium, matt, lacquered	**7516 41 83**	1
Modul 2		
white glossy	**7516 41 12**	1
polar white glossy	**7516 41 19**	1
Berker Arsys		
white glossy	**7516 41 42**	1
polar white glossy	**7516 41 49**	1
light bronze matt, lacquered	**7516 41 44**	1
stainless steel matt, lacquered	**7516 41 43**	1

Surface-mounted housing for radio wall-transmitter insert



Surface-mounted housing flat

Height 16 mm

- for radio wall-transmitter insert for surface mounting and as table-top radio transmitter
- with double-sided adhesive pads, e.g. for mounting on panes of glass





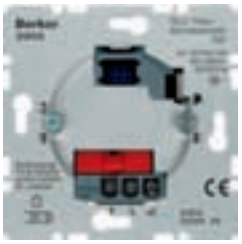
Design	Order no.	PU
Berker S.1		
polar white matt	**1007 99 09**	1
Berker B.3		
polar white matt	**1007 19 09**	1
anthracite matt	**1007 16 06**	1
aluminium matt, lacquered	**1007 14 04**	1
Modul 2, Berker Arsys		
white	**1002 00 02**	1
polar white	**1002 00 69**	1



Design	Order no.	PU
Berker Arsys		
light bronze matt, lacquered	**1002 90 11**	1
stainless steel, lacquered	**1002 90 04**	1

BLC -Berker Light Control

BLC Inserts



BLC triac insert (R, L)

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	40 ... 400 W
Dimmable conventional transformers	40 ... 400 VA
Fine-wire fuse	T 1.6 H 250 V
Operating temperature	-20 ... +45 °C

Light scene function (On/Off) in conjunction with BLC radio button.

Possible to change fuse without removing cover.

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- phase cut-on
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

Suitable for	Order no.	Page
BLC radio push-button	1760 ..	687

Design	Order no.	PU
BLC triac insert (R, L)	**2905**	1



BLC tronic insert (R, C)

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Electronic transformers	50 ... 420 W
Operating temperature	-20 ... +45 °C

Light scene function (On/Off) in conjunction with BLC radio button.

For trouble-free operation, we recommend Berker Tronic transformers.

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- phase cut-off
- short-circuit and overload proof (electronic fuse)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

Suitable for	Order no.	Page
BLC radio push-button	1760 ..	687

Design	Order no.	PU
BLC tronic insert (R, C)	**2916**	1









BLC relay insert

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
Breaking capacity	2300 W
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- in Duo circuit	2300 VA
- uncompensated	1200 VA
- parallel compensated	920 VA
Insertion depth	22 mm
Operating temperature	-20 ... +45 °C

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- also usable as push-button relay switch
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

Suitable for	Order no.	Page
BLC radio push-button	1760 ..	687
optional		
Making current limiter	185	74

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!



Design	Order no.	PU
BLC relay insert	**2906**	1



BLC relay insert

i 859

- Potential-free contact



Operating voltage	230 V~
Frequency	50/60 Hz
Minimum load (at 12 V)	100 mA
230 V incandescent lamps	800 W
230 V halogen lamps	750 W
Operating temperature	+5 ... +35 °C

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- potential-free contact for function extra-low voltage FELV (only change-over voltage) suitable
- also usable as push-button relay switch
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

Suitable for	Order no.	Page
BLC radio push-button	1760 ..	687
optional		
Making current limiter	185	74

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

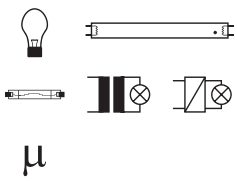
Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!



Design	Order no.	PU
BLC relay insert	**2906 10**	1





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BLC relay insert HVAC

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
Motor switching current (HLK channel)	2.1 A
Breaking capacity	1000 W
Switching capacity, HLK channel	max. 800 W
230 V incandescent lamps and halogen lamps	1000 W
230 V incandescent lamps (HVAC-channel)	800 W
230 V halogen lamps (HVAC-channel)	750 W
Conventional transformers	750 VA
Electronic transformers	750 W
Fluorescent lamps:	
- in Duo circuit	1000 VA
- uncompensated	500 VA
Switch on delay HVAC-channel	0/3 min
HVAC-channel adjustable	≈ 2/10/30/60/120 min
Operating temperature	+5 ... +35 °C

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Light scene function (On/Off) in conjunction with BLC radio button.

Neutral conductor necessary!

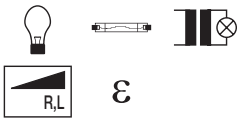
- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- switch on delay for HVAC channel can be activated/deactivated permanently with BLC button
- potential-free HVAC contact suitable for function extra-low voltage FELV (only alternating voltage)
- with delay time HVAC relay contact for e.g. valve drive, thermostat, fan ...
- also usable as push-button relay switch
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

Suitable for	Order no.	Page
BLC radio push-button	1760 ..	687
optional		
Making current limiter	185	74



Design	Order no.	PU
BLC relay insert HVAC	**2912**	1





R,L ε



BLC touch dimmer (R, L)

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable conventional transformers	20 ... 500 VA
Number of built-in power boosters (R, L)	max. 10
Operating temperature	-20 ... +45 °C

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

Possible to change fuse without removing cover.

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- phase cut-on
- switch-on brightness memory function
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

Suitable for	Order no.	Page
BLC radio push-button	1760 ..	687
optional		
Power booster built-in (R, L)	2869	60

Design	Order no.	PU
BLC touch dimmer (R, L)	**2904**	1



BLC universal touch dimmer (R, L, C)

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Insertion depth	22 mm
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Operating temperature	-20 ... +45 °C

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- with screw terminals

Suitable for	Order no.	Page
BLC radio push-button	1760 ..	687
optional		
Mains decoupler RMD	187 00	74
Mains decoupler comfort RMD	1 8799 01	73
Power booster built-in (R, L)	2869	60
Tronic power booster built-in (R, C)	2868	59
Universal power booster Plus RMD	1 6599 01	59

Design	Order no.	PU
BLC universal touch dimmer (R, L, C)	**2902**	1



BLC 1 - 10 V push-button control unit

i 859

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	3.04 A
Control current	50 mA
Operating temperature	+5 ... +35 °C

Light scene function (On/Off, dimming value) in conjunction with BLC radio button.

In case of excessive switch-on currents use switch-on current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

When using LV halogen lamps, we recommend Berker 1 - 10 V Tronic transformers, 105 W, order no. 2977.

Neutral conductor necessary!

according to DIN EN 61347-2-3

- insert suitable for BLC buttons
- when cover is detached, the switch status is retained (wallpaper function)
- basic brightness programmable
- switch-on brightness level can be stored safe after power failure
- e.g. for fluorescent lamps and LV halogen lamps
- with extension unit input for BLC extension unit, BLC controller extension unit for motion detector and push-button, NO contact
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with screw terminals

Suitable for	Order no.	Page
BLC radio push-button	1760 ..	687
optional		
Making current limiter	185	74

Design	Order no.	PU
BLC 1 - 10 V push-button control unit	**2903**	1

BLC radio buttons



BLC radio push-button

i 859

Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30

Extension unit operation with BLC extension unit and push-button (NO) possible as of release R2.1.

For actuation via button and radio transmitter.

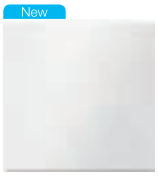
- with 2-push-buttons operation concept
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- reset function (to factory setting)
- switch-on brightness for BLC dimmer insert mains-failure protection storable
- light scenes only polled using radio transmitter
- with 5 light scenes for “on/off”, dimming value

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1760 89 82**	1
polar white glossy	**1760 89 89**	1
polar white matt	**1760 19 09**	1
anthracite matt	**1760 16 06**	1
aluminium matt, lacquered	**1760 14 04**	1



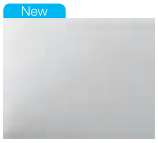
Modul 2			
white glossy	#	**1760 02**	1
polar white glossy	#	**1760 09**	1

New



Berker Q.1/Q.3			
polar white velvety		**1760 60 89**	1
anthracite velvety, lacquered	*	**1760 60 86**	1

New



Berker K.1/K.5			
polar white glossy		**1760 70 09**	1
anthracite matt, lacquered		**1760 70 06**	1
Aluminium, aluminium anodised	*	**1760 70 03**	1
Stainless steel, metal matt finish		**1760 70 04**	1



Berker Arsys			
white glossy		**1760 00 02**	1
polar white glossy		**1760 00 69**	1
brown glossy		**1760 00 01**	1
Stainless steel, metal matt finish		**1760 00 04**	1

Rollotec system

RolloTec inserts



RolloTec insert comfort

i 886

- Extension inputs

Operating voltage	230 V~
Frequency	50/60 Hz
Switching capacity for max. 1 motor	1000 W

Recommendation: use deep box.

Neutral conductor necessary!

Light scene function (up/down) in conjunction with RolloTec radio button.

- for single, group and master controls
- suitable for multi-phase mode
- with 230 V extension unit inputs for up, down and sensors
- with 2 mechanically interlocked NO contacts
- with screw terminals

Suitable for	Order no.	Page
RolloTec radio button	1758 ..	689
RolloTec radio button for sensors	1759 ..	689
optional		
RolloTec precipitation sensor	183 01	129
RolloTec interface surface-mounted for wind sensor	173	129

Design	Order no.	PU
RolloTec insert comfort	**2975**	1



RolloTec insert comfort for direct current drives

i 886

Operating voltage	24 V=
Switching current at 24 V=	max. 3 A
Current consumption (operation)	≈ 100 mA
Current consumption (idle)	≈ 30 mA

Recommendation: use deep box.

Follow the motor manufacturers' instructions.
External power supply 24 V= with protective separation required.

Recommendation of power supply units:
Elka, type: SV230-24.1250 DC, item no. 140 01 915 or
Elka, type: SV230-24.2500 DC, item no. 140 01 916
Phoenix, type: STEP-PS-100-240AC/24DC/1.5 item no.: 2938947

Light scene function (up/down) in conjunction with RolloTec radio button.

- for 24 V reverse polarity motors with limit switches
- for single, group and master controls
- with 24 V reverse polarity extension unit inputs for up and down
- with 2 reverse polarity change-over relays
- with screw terminals

Suitable for	Order no.	Page
RolloTec radio button	1758 ..	689
RolloTec radio button for sensors	1759 ..	689

Design	Order no.	PU
RolloTec insert comfort for direct current drives	**2975 01**	1



RolloTec insert

i 886

Operating voltage	230 V~
Frequency	50/60 Hz
Switching capacity for max. 1 motor	1000 W

Recommendation: use deep box.
Neutral conductor necessary!

Not suitable for wind and precipitation sensor.
Light scene function (up/down) in conjunction with RolloTec radio button.

- for single and master controls
- without 230 V extension unit inputs
- with 2 mechanically interlocked NO contacts
- with screw terminals

Suitable for	Order no.	Page
RolloTec radio button	1758 ..	689
RolloTec radio button for sensors	1759 ..	689

Design	Order no.	PU
RolloTec insert	**2925**	1



RolloTec insert without neutral conductor connection

i 886

Operating voltage	230 V~
Frequency	50 Hz
Switching capacity for max. 1 motor	1000 W

On motors with limit switches, perform a brief inspection of the motor, as described in the Technical Appendix.
Recommendation: use deep box.
Not suitable for wind and precipitation sensor.
Light scene function (up/down) in conjunction with RolloTec radio button.

- for single control on motor with limit switches!
- without 230 V extension unit inputs
- with 2 mechanically interlocked NO contacts
- with screw terminals

Suitable for	Order no.	Page
RolloTec radio button	1758 ..	689
RolloTec radio button for sensors	1759 ..	689

Design	Order no.	PU
RolloTec insert without neutral conductor connection	**2911**	1

RolloTec radion buttons



RolloTec radio button

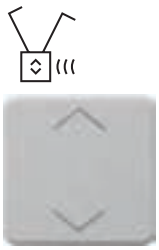
i 886

Number of teachable radio transmitters	30
Radio reception frequency	433.42 MHz

For actuation via button and radio transmitter.

- light scenes only polled using radio transmitter
- with 5 light scenes for “open/close”

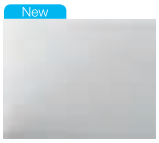
Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1758 89 82**	1
polar white glossy		**1758 89 89**	1
polar white matt		**1758 19 09**	1
anthracite matt		**1758 16 06**	1
aluminium matt, lacquered		**1758 14 04**	1
Modul 2			
white glossy	#	**1758 12**	1
polar white glossy	#	**1758 49**	1



New

Design		Order no.	PU
Berker Q.1/Q.3			
polar white velvety		**1758 60 89**	1
anthracite velvety, lacquered	*	**1758 60 86**	1

New



Design		Order no.	PU
Berker K.1/K.5			
polar white glossy		**1758 70 09**	1
anthracite matt, lacquered		**1758 70 06**	1
Aluminium, aluminium anodised	*	**1758 70 03**	1
Stainless steel, metal matt finish		**1758 70 04**	1



Design	Order no.	PU
Berker Arsys		
white glossy	**1758 00 12**	1
polar white glossy	**1758 00 79**	1
brown glossy	**1758 00 11**	1
light bronze matt, aluminium lacquered	**1758 90 21**	1
Stainless steel, metal matt finish	**1758 90 14**	1
gold matt, aluminium anodised	**1758 90 12**	1



RolloTec radio button for sensors

Number of teachable radio transmitters	30
Radio reception frequency	433.42 MHz
Sun brightness value	≈ 5 ... 80 klx

For actuation via button and radio transmitter.

- no twilight sensor function
- brightness value for sunblind individually adjustable
- light scenes only polled using radio transmitter
- with 5 light scenes for “open/close”
- RolloTec glass-break sensor can be connected
- RolloTec brightness sensor for sun blind movement up/down can be connected
- for sensor connection to socket contact or terminal block

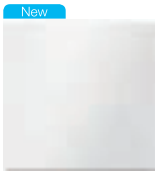
Suitable for	Order no.	Page
Magnetic contact	9251 0 ..	130





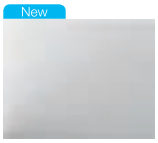
Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy [1]	**1759 89 82**	1
polar white glossy [1]	**1759 89 89**	1
polar white matt [1]	**1759 19 09**	1
anthracite matt [1]	**1759 16 06**	1
aluminium matt, lacquered [1]	**1759 14 04**	1
Modul 2		
white glossy [2]	# **1759 12**	1
polar white glossy [2]	# **1759 49**	1

New



Berker Q.1/Q.3		
polar white velvety [2]	**1759 60 89**	1
anthracite velvety, lacquered [2]	* **1759 60 86**	1

New



Berker K.1/K.5		
polar white glossy [2]	**1759 70 09**	1
anthracite matt, lacquered [2]	**1759 70 06**	1
Aluminium, aluminium anodised [2]	* **1759 70 03**	1
Stainless steel, metal matt finish [2]	**1759 70 04**	1



Berker Arsys		
white glossy [2]	**1759 00 12**	1
polar white glossy [2]	**1759 00 79**	1
brown glossy [2]	**1759 00 11**	1
light bronze matt, aluminium lacquered [2]	**1759 90 21**	1
Stainless steel, metal matt finish [2]	**1759 90 14**	1
gold matt, aluminium anodised [2]	**1759 90 12**	1

[1] with socket contact and terminal block
[2] only with terminal block

Supplementary products



Glare protection foil

The adhesive film attaches to the frame and, when installed on glass or any other transparent base, it provides a closed backing surface.
To attain an even adhesive surface, we recommend flattening the adhesive film for application 24 hours before installing the wall-transmitter / controller.

- as sight shielding on backside (e.g. when mounting on glass)

Suitable for	Order no.	Page
Wall-transmitters		page 675
Radio controller flat		page 694









Design	Order no.	PU
Berker S.1		
polar white	**9498 02 02**	1
Berker B.3		
black	**9498 27 30**	1
Berker B.7		
polar white matt	**9498 28 02**	1
Berker K.1/K.5		
polar white glossy	**9498 33 02**	1
black	**9498 33 30**	1
Berker Q.1, Arsys		
polar white	**9498 11 02**	1
black	**9498 11 30**	1



Lithium coin cell battery 3 V

Output voltage	3 V=
Charging capacity	0.18 Ah

- type: CR 2032
- 2 pcs. for replacement

Suitable for	Order no.	Page
Wall-transmitters		page 675
Radio wall transmitter insert	2764	678
Radio hand-held transmitter mini	2769	675
Radio button interface 4gang flush-mounted	126	542

Design	Order no.	PU
Lithium coin cell battery 3 V	**1857**	10

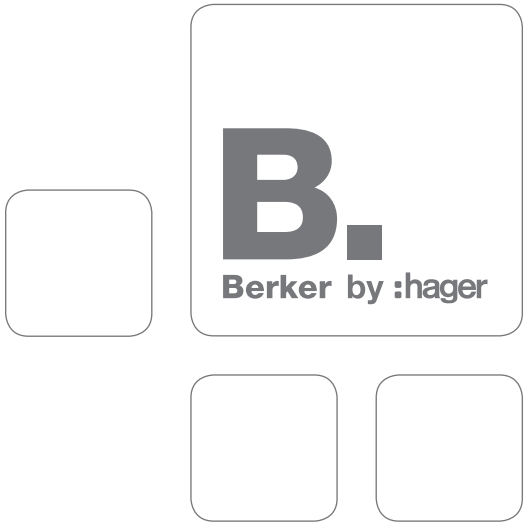
Radio bus
operating systems

Radio bus transmitters and actuators

The Berker radio bus system offers maximum flexibility, because you can install each radio bus component in just the place where it is wanted. The radio transmitters communicated with the taught-in radio actuators via digitally structured telegrams. Whether via a permanently installed radio transmitter in the wall or a portable radio hand-held transmitter – each transmitter can address the functions of different actuators and trigger switching, dimming or blind commands.



Radio controllers	694
Presence detectors	696
Physical sensors	696
Flush-mounted transmitters	697
Switching actuators flush-mounted/built-in	698
Push-button actuators flush-mounted	700
Dim actuators flush-mounted/built-in	700
Blind actuators built-in	703
Radio system RMD	703
Supplementary products	706



Radio controllers



Radio controller flat

i 896

Operating voltage	3 V=
Battery service life [years]	≈ 3
Number of radio channels	1
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 60 m
Nominal mounting height	1.1 m
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Detection field, semi-oval shaped	≈ 10 x 12 m
Detection angle	180 °
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 0 ... 80 lx, ∞ lx (day)
Operating temperature	+5 ... +45 °C
Dimensions assembling height	23.5 mm

- not dependent on mains power
- the channel can be assigned to any number of radio receivers
- with red transmit and battery status LED
- with a lithium coin cell battery 3 V type: CR 2450
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- with fitting material, screws, wall plugs and adhesive pad
- with cover to limit detection angle to 90°

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the controller. Only suitable for indoor areas!

If response brightness or movement of people is insufficient, it sends a radio signal to the surface-mounted radio controller power pack unit or other radio bus receivers.

Suitable for	Order no.	Page
Glare protection foil		page 690





Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**9420 89 82**	1
polar white glossy	**9420 89 89**	1
polar white matt	**9420 19 09**	1
anthracite matt	**9420 16 06**	1
aluminium matt	**9420 14 04**	1
Modul 2		
white	# **9420 02**	1
polar white glossy	# **9420 09**	1

New



Berker Q.1/Q.3		
polar white velvety	**9420 60 89**	1
,	* **9420 60 86**	1

New



Berker K.1/K.5		
polar white glossy	**9420 70 09**	1
anthracite matt, lacquered	**9420 70 06**	1
aluminium matt, lacquered	* **9420 70 03**	1
stainless steel matt, lacquered	**9420 70 04**	1



Berker Arsys		
white glossy	**9420 00 02**	1
polar white glossy	**9420 00 69**	1
light bronze matt, lacquered	**9420 90 11**	1
stainless steel matt, lacquered	**9420 90 04**	1



Radio controller surface-mounted

i 896

Operating voltage	9 V=
Alkaline battery service life [years]	≈ 3
Number of radio channels	1
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Range	≈ 16 m
Recommended installation height	≈ 2.4 m
Detection field, semi-circular shaped	≈ 16 x 32 m
Detection angle	180 °
Response sensitivity, settable	≈ 20 ... 100 %
Sensor response brightness	< 80 lx
Sensor retrigger	< 200 lx
Operating temperature	-25 ... +55 °C
Dimensions (W x H x D)	80 x 75 x 115 mm

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- with LED detection and battery charge indicator
- for wall mounting
- rotating and vertically slewing
- with fitting material
- with push-on cover to limit the detection field

Suitable for	Order no.	Page
Lithium block battery 9 V	9219	695
optional		
Ceiling mounting angle for controller	148 ..	107
Ceiling mounting angle 2gang for controller	158 ..	107
Corner mounting piece for controllers/sensors	149 09 ..	107
Mast fixing for controllers/sensors	154 ..	107

The required alkaline 9 V block battery (6LR61) is not in scope of delivery.

If response brightness or movement of people is insufficient, it sends a radio signal to the surface-mounted radio controller power pack unit or other radio bus receivers.

Design	Order no.	PU
polar white glossy	**1 7401 09**	1

Accessories



i 896

Operating voltage	230 V~
Frequency	50/60 Hz
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
Delay time, adjustable	≈ 10 s ... 15 min
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- in Duo circuit	2300 VA
- uncompensated	1200 VA
- parallel compensated	920 VA
response brightness	≈ 3 ... 80 lx
Operating temperature	-25 ... +55 °C
Dimensions (W x H x D)	110 x 94 x 38 mm

- with LED detection and mode indicator
- with 3 operating modes: controller operation/2 h on/2 h off
- operating mode change by push-button (NC contact) in lead or wall-mounted or radio hand-held transmitter
- with 2 cable entries at bottom
- with fitting material
- with screw terminals

Suitable for	Order no.	Page
optional		
Making current limiter	185	74

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Neutral conductor necessary!

Switches on when a taught-in radio telegram, such as from radio controller system sensors, is received with the minimum response brightness level infringed and people detected.

Design	Order no.	PU
polar white, glossy	**175 09**	1



Lithium block battery 9 V

Output voltage	9 V=
Charging capacity	1.2 Ah

- replacement

Suitable for	Order no.	Page
Radio controller surface-mounted	1 7401 09	695
Radio magnetic contact	9430 01 00	696

Design	Order no.	PU
Lithium block battery 9 V	**9219**	1

Presence detectors



Radio presence detector surface-mounted

i 896

Operating voltage	6 V=
Battery service life [years]	≈ 3
Number of radio channels	1
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Recommended ceiling height	≈ 2.5 m
Detection field Ø, on floor	≈ 8 m
Detection field Ø, at desk height	≈ 5 m
Detection angle	360 °
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 10 ... 2000 lx, ∞ lx (day)
Delay time, adjustable	≈ 2 min ... 1 h
Operating temperature	+0 ... +45 °C
Dimensions (Ø x assembling height)	103 x 42 mm

- not dependent on mains power
- energy saving by presence and brightness-controlled lighting control
- for the activation of max. 1 radio receiver
- constant light control only possible in conjunction with dim actuators or control units
- with fitting material
- with covers to limit the detection field

The required batteries 4 x Micro, alkaline (LR 03) are not in scope of delivery.

Only suitable for actuators with imprint release issue “R2”.

Design	Order no.	PU
polar white matt	**1 8299 09**	1

Physical sensors



Radio magnetic contact

Operating voltage	9 V=
Alkaline battery service life [years]	≈ 3
Number of radio channels	1
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Operating temperature	-5 ... +45 °C
Dimensions (L x W x H)	132 x 36 x 35 mm

- not dependent on mains power
- the channel can be assigned to any number of radio receivers
- for screw or adhesive fixing
- with fitting material
- with shim to compensate for differences in level

Suitable for	Order no.	Page
Lithium block battery 9 V	9219	695

The required alkaline 9 V block battery (6LR61) is not in scope of delivery.

When the NO contact is open, sends a radio signal to a taught-in radio bus receiver.

Window controller according to according to German Combustion Ordinance (FeuV) §4

Design	Order no.	PU
polar white matt	**9430 01 00**	1

Flush-mounted transmitters



Radio transmitter 2gang flush-mounted

i 896

Operating voltage	230 V~
Frequency	50/60 Hz
Number of radio channels	2
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Line length	≈ 210 mm
Operating temperature	-20 ... +55 °C
Dimensions (Ø x H)	52 x 23 mm

- each channel can be assigned to any number of radio receivers
- depending on setting with the function as switch, push-button, dimmer or shutter transmitter
- 1 or 2-push-button operation concept selectable
- activation through e.g. series switch, series push-button, timer, RolloTec insert
- for installation behind flush-mounted inserts
- pre-assembled, with cables

Neutral conductor necessary!

The flush-mounted radio transmitter permits an existing installation to be upgraded by radio frequency transmission of control commands.

□ ⎍2)))

Design	Order no.	PU
grey matt	**124 10**	1

Push-button interfaces



Radio button interface 4gang flush-mounted

Operating voltage	3 V=
Battery service life [years]	≈ 3
Contact cleaner power pulse current	3 mA
Radio transmission frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Line length	≈ 290 mm
Cable length extendable to	max. 5 m
Operating temperature	-20 ... +55 °C
Dimensions (Ø x H)	38 x 10 mm

- not dependent on mains power
- each channel can be assigned to any number of radio receivers
- function setting by 5 DIP-switches
- functions: 1- and 2-push-button operation for switching and dimming, shutter control, light scenes,
- with red transmit and battery status LED
- with lithium coin cell battery 3 V type: CR 2032
- with contact cleaner power pulse current for activation
- for installation behind flush-mounted inserts
- pre-assembled, with 4 cable pairs and plug
- to connect to max. 4 potential-free contacts

For battery-operated radio remote control of all assigned radio bus receivers.

Suitable for replacement	Order no.	Page
Lithium coin cell battery 3 V	1857	545

□ ⎍4)))

Design	Order no.	PU
grey matt	**126**	1

Switching actuators, flush-mounted/built-in



Radio switch actuator flush-mounted

i 896

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	1000 W
Conventional transformers	750 VA
Electronic transformers	750 W
Fluorescent lamps:	
- in Duo circuit	1000 VA
- uncompensated	500 VA
- parallel compensated	400 VA
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	14
Operating temperature	-20 ... +55 °C
Line length	≈ 210 mm
Centre hole Ø	7.5 mm
Dimensions (Ø x H)	52 x 23 mm

- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- light scenes only polled using radio transmitter
- with 5 light scenes for “on/off”
- with programming button and red programming LED
- potential-free contact for function extra-low voltage FELV (only change-over voltage) suitable
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

Suitable for optional	Order no.	Page
Making current limiter	185	74

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Neutral conductor necessary!

For remote-controlled switching of electrical loads.

Design	Order no.	PU
grey matt	**179**	1



Radio switch actuator 2gang flush-mounted

i 896

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps	350 W
230 V halogen lamps	300 W
Max. switching capacity per channel for	230 V~
Conventional transformers	350 VA
Electronic transformers	300 W
Fluorescent lamps:	
- uncompensated	350 VA
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	per channel 7
Operating temperature	-20 ... +55 °C
Line length	≈ 210 mm
Centre hole Ø	7.5 mm
Dimensions (Ø x H)	52 x 23 mm

- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- light scenes only polled using radio transmitter
- with 5 light scenes for “on/off” per channel
- with programming button and two-colour programming LED
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

Suitable for optional	Order no.	Page
Making current limiter	185	74

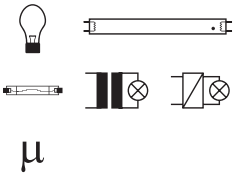
For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Neutral conductor necessary!

For remote-controlled switching of electrical loads.

Design	Order no.	PU
grey matt	**129**	1





Radio switch actuator built-in

i 896

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- in Duo circuit	2300 VA
- uncompensated	1200 VA
- parallel compensated	920 VA
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
Operating temperature	-20 ... +55 °C
Conductor cross-section (rigid)	max. 2.5 mm²
Dimensions (L x W x H)	175 x 42 x 18 mm

- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- light scenes only polled using radio transmitter
- with 5 light scenes for “on/off”
- programming mode can be activated on device or via extension unit
- with programming button and red programming LED
- with extension unit input for BLC extension unit and push-button (NO contact), single-surface operating concept
- with screw terminals

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Neutral conductor necessary!

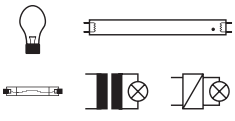
For remote-controlled switching of electrical loads.

Suitable for optional	Order no.	Page
Making current limiter	185	74



Design	Order no.	PU
polar white matt	**125**	1





Radio switch actuator for SCHUKO plugs

i 896

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	1000 W
Conventional transformers	750 VA
Electronic transformers	750 W
Fluorescent lamps:	
- in Duo circuit	1000 W
- uncompensated	500 VA
- parallel compensated	400 W
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
Assembling height	34.5 mm
Fine-wire fuse	T 6.3 H 250 V
Operating temperature	-20 ... +55 °C
Dimensions (W x H x D)	70 x 136 x 72 mm

- with manual operation on/off
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- with red monitoring/programming LED
- light scenes only polled using radio transmitter
- with 5 light scenes for “on/off”
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

For remote-controlled switching of electrical loads.

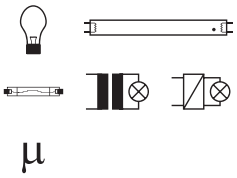
Suitable for optional	Order no.	Page
Making current limiter	185	74



Design	Order no.	PU
polar white matt	**1 7899 09**	1

Push-button actuators, flush-mounted





Radio push-button actuator flush-mounted

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	1000 W
Conventional transformers	750 VA
Electronic transformers	750 W
Fluorescent lamps:	
- in Duo circuit	1000 W
- uncompensated	500 VA
- parallel compensated	400 W
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	14
Scan length according to transmitter	max. max. 4 ... 12 s
Operating temperature	-20 ... +55 °C
Line length	≈ 210 mm
Centre hole Ø	7.5 mm
Dimensions (Ø x H)	52 x 23 mm

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Neutral conductor necessary!

For remote-controlled button operation of electrical loads.

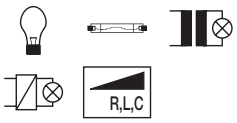
- with programming button and red programming LED
- potential-free HVAC contact suitable for function extra-low voltage FELV (only alternating voltage)
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

Suitable for optional	Order no.	Page
Making current limiter	185	74

Design	Order no.	PU
grey	**179 50**	1

Dim actuators, flush-mounted/built-in





Radio universal dim actuator flush-mounted

i 896

Operating voltage	230 V~
Frequency	50/60 Hz
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
230 V incandescent lamps and halogen lamps	50 ... 210 W
Dimmable conventional transformers	50 ... 210 VA
Electronic transformers	50 ... 210 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Line length	≈ 210 mm
Operating temperature	+0 ... +55 °C
Dimensions (Ø x H)	53 x 28 mm

Trouble-free operation will be obtained only with Berker Tronic transformers.

Not suitable for universal power booster RMD Plus.

Do not connect conventional transformers together with electronic transformers.

For remote controlled switching and dimming of lighting.

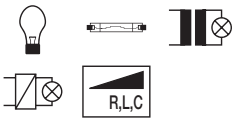
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- light scenes only polled using radio transmitter
- with 5 light scenes for “on/off”, dimming value
- with programming button and red programming LED
- installation in flush-mounted or splash-protected junction box
- short-circuit and overload proof (electronic fuse)
- pre-assembled, with cables

Suitable for optional	Order no.	Page
Power booster built-in (R, L)	2869	60
Tronic power booster built-in (R, C)	2868	59



Design	Order no.	PU
grey, matt	**9455 02 00**	1





Radio universal dim actuator EB

i 896

Operating voltage	230 V~
Frequency	50/60 Hz
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
230 V incandescent lamps and halogen lamps	50 ... 315 W
Dimmable conventional transformers	50 ... 315 VA
Electronic transformers	50 ... 315 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Number of universal power boosters, 300 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
Operating temperature	+0 ... +55 °C
Dimensions (L x W x H)	187 x 28 x 28 mm

- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- light scenes only polled using radio transmitter
- with 5 light scenes for “on/off”, dimming value
- with programming button and red programming LED
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with extension unit input for BLC extension unit 2-area and push-but.(NO) 1-push-but.operation conc.
- with screw terminals

Suitable for optional	Order no.	Page
Universal power booster Plus RMD	1 6599 01	59
Tronic power booster built-in (R, C)	2868	59
Power booster built-in (R, L)	2869	60

Trouble-free operation will be obtained only with Berker Tronic transformers.

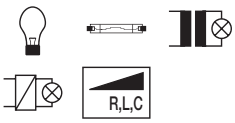
Do not connect conventional transformers together with electronic transformers.

For remote controlled switching and dimming of lighting.



Design	Order no.	PU
polar white matt	**181**	1





Radio universal corded dim actuator

i 896

Operating voltage	230 V~
Frequency	50/60 Hz
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
230 V incandescent lamps and halogen lamps	50 ... 315 W
Dimmable conventional transformers	50 ... 315 VA
Electronic transformers	50 ... 315 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Conductor cross-section (rigid)	max. 2.5 mm²
Operating temperature	+0 ... +55 °C
Dimensions (L x W x H)	126 x 60 x 28 mm

- with manual operation on/off
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- light scenes only polled using radio transmitter
- with 5 light scenes for “on/off”, dimming value
- with programming button and red programming LED
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- short-circuit and overload proof (electronic fuse)
- with extension unit input for BLC extension unit 2-area and push-but.(NO) 1-push-but.operation conc.
- with screw terminals

Suitable for optional	Order no.	Page
Universal power booster Plus RMD	1 6599 01	59
Power booster built-in (R, L)	2869	60
Tronic power booster built-in (R, C)	2868	59

Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

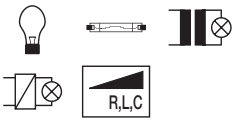
Neutral conductor necessary!

For remote controlled switching and dimming of lighting.



Design	Order no.	PU
black glossy	**128**	1





Radio universal dim actuator for plugs

i 896

Operating voltage	230/240 V~
Frequency	50/60 Hz
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
230 V incandescent lamps and halogen lamps	50 ... 420 W
Dimmable conventional transformers	50 ... 420 VA
Electronic transformers	50 ... 420 W
Assembling height	34.5 mm
Fine-wire fuse	T 6.3 H 250 V
Operating temperature	+5 ... +35 °C
Dimensions (W x H x D)	70 x 136 x 72 mm

- with manual operation on(initial brightness)/off
- with manual operation on/off
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- with red receive/programming LED
- light scenes only polled using radio transmitter
- with 5 light scenes for “on/off”
- with 5 light scenes for “on/off”, dimming value
- short-circuit and overload proof (fine-wire fuse)

Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers together with electronic transformers.

For remote controlled switching and dimming of lighting.



Design	Order no.	PU
polar white matt	**1 7810 09**	1

1 - 10 V control units



Radio 1 - 10 V control unit built-in

i 896

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	8 A
Control current	15 mA
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	30
Operating temperature	+0 ... +55 °C
Dimensions (L x W x H)	187 x 28 x 28 mm

- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- switch-on brightness level can be stored safe after power failure
- light scenes only polled using radio transmitter
- with 5 light scenes for “on/off”, dimming value
- e.g. for fluorescent lamps and LV halogen lamps
- with programming button and red programming LED
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with screw terminals

Suitable for	Order no.	Page
optional		
Making current limiter	185	74

With excessive switch-on currents, use switch-on current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

When using LV halogen lamps, we recommend the 1 - 10 V Tronic transformer, 105 W, order no. 2977.

Neutral conductor necessary!

For remote controlled switching and dimming of lighting.

according to DIN EN 61347-2-3



Design	Order no.	PU
polar white matt	**180**	1

Blind actuators, flush-mounted



Radio blind actuator flush-mounted

i 896

Operating voltage	230 V~
Frequency	50/60 Hz
Switching capacity for max. 1 motor	700 W
Radio reception frequency	433.42 MHz
Number of teachable radio transmitters	14
Lamella adjustment on signal duration	< 1 s
Self-retaining for 2 min on signal length	> 1 s
Operating temperature	-20 ... +55 °C
Line length	≈ 210 mm
Dimensions (Ø x H)	52 x 23 mm
Centre hole Ø	7.5 mm

- light scenes only polled using radio transmitter
- with 5 light scenes for “open/close”
- with programming button and two-colour programming LED
- installation in flush-mounted or splash-protected junction box
- with electrical interlocking to prevent mutual switch on
- pre-assembled, with cables

Neutral conductor necessary!
For remote-controlled movement of blinds, awnings.

Design	Order no.	PU
grey	**127**	1

Radio system, RMD

Radio receivers RMD



Radio receivers RMD

i 904

Operating voltage	230 V~
Frequency	50/60 Hz
Radio reception frequency	433.42 MHz
Radio reception range (free field)	max. 60 m
Receiver for [system devices]	max. 30
Operating temperature	+0 ... +45 °C
Assembling height as from DIN rail	61.5 mm
Width of rail mounted device (RMD)	2 TE
Dimensions (W x H x D)	36 x 90 x 68 mm

Neutral conductor necessary!

- radio signals are prepared for transmission to the RMD data connection
- to improve the reception of external radio antenna RMD, can be plugged into SMB jack
- with screw terminals
- with screw terminals and plug-in terminals (EIB) for RMD data connection

Suitable for	Order no.	Page
Switch actuators RMD		page 704
DIM ACTUATORS RMD		page 705
1 - 10 V control units RMD		page 705
Blind actuators RMD		page 706
Antenna for radio receiver RMD	9490 01 00	703

Design	Order no.	PU
light grey matt	**9405 01 00**	1



Antenna for radio receiver RMD

i 904

Radio reception frequency	433.42 MHz
Radio reception range (free field)	max. 100 m
Line length	≈ 2.5 m
Dimensions (L x Ø base)	200 x 30.5 mm

- for metal distribution boxes and to increase the radio reception range
- installation on metal via magnetic base
- pre-assembled, with cable and SMB plug

Design	Order no.	PU
black glossy	**9490 01 00**	1

Switch actuators RMD



Radio switch actuator RMD

i 896

Operating voltage	230 V~
Frequency	50/60 Hz
Number of teachable radio transmitters	30
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- in Duo circuit	2300 W
- uncompensated	1200 VA
- parallel compensated	920 W
Operating temperature	+0 ... +45 °C
Conductor cross-section (rigid)	1.5 ... 4 mm²
Assembling height as from DIN rail	61.5 mm
Width of rail mounted device (RMD)	2 TE
Dimensions (W x H x D)	36 x 90 x 68 mm

- with construction site function on/off
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- light scenes only polled using radio transmitter
- with 5 light scenes for “on/off”
- programming mode can be activated on device or via extension unit
- with programming button and red programming LED
- signals received via the RMD line are processed
- with extension unit input for BLC extension unit and push-button (NO contact), single-surface operating concept
- with screw terminals
- with screw terminals and plug-in terminals (EIB) for RMD data connection

Suitable for	Order no.	Page
Radio receivers RMD	9405 01 00	703
optional		
Making current limiter	185	74

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Use only in conjunction with radio receiver RMD.

Neutral conductor necessary!

For remote-controlled switching of electrical loads.

Design	Order no.	PU
light grey, matt	**9450 01 00**	1



Radio switch actuator 4gang RMD

i 904

Operating voltage	230 V~
Frequency	50/60 Hz
Number of teachable radio transmitters	per channel 30
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1000 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- in Duo circuit	2300 W
- uncompensated	1200 VA
- parallel compensated	920 W
Operating temperature	+0 ... +45 °C
Conductor cross-section (rigid)	1.5 ... 4 mm²
Assembling height as from DIN rail	63 mm
Width of rail mounted device (RMD)	4 TE
Dimensions (W x H x D)	72 x 90 x 70 mm

- with manual operation on/off per channel
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- with 4 red control/programming LEDs
- light scenes only polled using radio transmitter
- with 5 light scenes for “on/off” per channel
- suitable for different external conductors
- with potential-free NO contacts
- signals received via the RMD line are processed
- for switching, e.g. of 4 independent loads
- with screw terminals
- with screw terminals and plug-in terminals (EIB) for RMD data connection

Suitable for	Order no.	Page
Radio receivers RMD	9405 01 00	703
optional		
Making current limiter	185	74

For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.

Use only in conjunction with radio receiver RMD.

Neutral conductor necessary!

For remote-controlled switching of electrical loads.

Design	Order no.	PU
light grey matt	**9450 02 00**	1

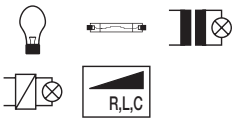
DIM ACTUATORS RMD



Radio universal dim actuator RMD

i 896

Operating voltage	230 V~
Frequency	50/60 Hz
Number of teachable radio transmitters	30
230 V incandescent lamps and halogen lamps	50 ... 400 W
Dimmable conventional transformers	50 ... 400 VA
Electronic transformers	50 ... 400 W
Number of built-in/RMD Tronics or power boosters - with identical load type	max. 10
Number of universal power boosters, 420 W at phase control	max. 5
Number of universal power boosters, 500 W for phase cut-off	max. 10
With manual actuation, on/off	< 1 s
Operating temperature	+0 ... +45 °C
Conductor cross-section (rigid)	1.5 ... 4 mm²
Assembling height as from DIN rail	61.5 mm
Width of rail mounted device (RMD)	4 TE
Dimensions (W x H x D)	73 x 90 x 68 mm



Trouble-free operation will be obtained only with Berker Tronic transformers.
Use only in conjunction with radio receiver RMD.

Do not connect conventional transformers together with electronic transformers.

For remote controlled switching and dimming of lighting.

- with construction site function on/off
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- phase cut-on or cut-off according to load type, self-learning
- switch-on brightness level can be stored safe after power failure
- light scenes only polled using radio transmitter
- with 5 light scenes for “on/off”, dimming value
- with programming button and red programming LED
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- signals received via the RMD line are processed
- short-circuit and overload proof (electronic fuse)
- with extension unit input for BLC extension unit and push-button (NO contact), single-surface operating concept
- with screw terminals
- with screw terminals and plug-in terminals (EIB) for RMD data connection

Suitable for	Order no.	Page
Radio receivers RMD	9405 01 00	703
optional		
Universal power booster Plus RMD	1 6599 01	59
Power booster built-in (R, L)	2869	60
Tronic power booster built-in (R, C)	2868	59



Design	Order no.	PU
light grey matt	**9455 01 00**	1

1 - 10 V control units RMD



Radio 1 - 10 V control unit RMD

i 896

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	8 A
Control current	15 mA
Number of teachable radio transmitters	30
With manual actuation, on/off	< 1 s
Operating temperature	+0 ... +45 °C
Conductor cross-section (rigid)	1.5 ... 4 mm²
Assembling height as from DIN rail	61.5 mm
Width of rail mounted device (RMD)	4 TE
Dimensions (W x H x D)	73 x 90 x 68 mm

With excessive switch-on currents, use switch-on current limiters order no. 185.

To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

When using LV halogen lamps, we recommend the 1 - 10 V Tronic transformer, 105 W, order no. 2977.

Neutral conductor necessary!
Use only in conjunction with radio receiver RMD.

For remote controlled switching and dimming of lighting.

according to DIN EN 61347-2-3

- with manual operation on/off
- radio signal of taught-in radio controllers causes switch-on for 1 min. (retriggering)
- switch-on brightness level can be stored safe after power failure
- light scenes only polled using radio transmitter
- with 5 light scenes for “on/off”, dimming value
- e.g. for fluorescent lamps and LV halogen lamps
- with programming button and red programming LED
- signals received via the RMD line are processed
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with screw terminals
- with screw terminals and plug-in terminals (EIB) for RMD data connection

Suitable for	Order no.	Page
Radio receivers RMD	9405 01 00	703
optional		
Making current limiter	185	74



Design	Order no.	PU
light grey matt	**9465 01 00**	1

Blind actuators RMD



Radio blind actuator RMD

i 896

Operating voltage	230 V~
Frequency	50/60 Hz
Switching capacity for max. 1 motor	700 W
Number of teachable radio transmitters	14
With manual actuation, up/stop/down	< 1 s
Lamella adjustment on signal duration	< 1 s
Self-retaining for 2 min on signal length	> 1 s
Operating temperature	+0 ... +45 °C
Conductor cross-section (rigid)	1.5 ... 4 mm²
Assembling height as from DIN rail	61.5 mm
Width of rail mounted device (RMD)	2 TE
Dimensions (W x H x D)	36 x 90 x 68 mm

- with construction site function up/down
- light scenes only polled using radio transmitter
- with 5 light scenes for “open/close”
- with programming button and two-colour programming LED
- signals received via the RMD line are processed
- with electrical interlocking to prevent mutual switch on
- with screw terminals
- with screw terminals and plug-in terminals (EIB) for RMD data connection

Suitable for	Order no.	Page
Radio receivers RMD	9405 01 00	703

Use only in conjunction with radio receiver RMD.
Neutral conductor necessary!
For remote-controlled movement of blinds, awnings.



Design	Order no.	PU
light grey matt	**9460 01 00**	1

Supplementary products



Radio signal amplifier surface-mounted

i 898

Operating voltage	230 V~
Frequency	50/60 Hz
Number of radio channels	60
Radio transmission/reception frequency	433.42 MHz
Radio transmission power	< 10 mW
Radio transmission/reception range (free field)	max. 100 m
Operating temperature	-20 ... +55 °C
Network cable length	1.5 m
Dimensions (W x H x D)	110 x 94 x 38 mm

- max. 1 radio signal amplifier/transmission circuit
- only taught-in radio transmitters are amplified
- to increase the radio range
- with red receive and green transmission indicator LED
- including white mains cable with Euro-plug
- with 2 cable entries
- with fitting material
- with screw terminals

Neutral conductor necessary!
The radio signal amplifier receives and sends out radio signals from taught-in transmitters at maximum transmission power.



Design	Order no.	PU
polar white glossy	**177 09**	1

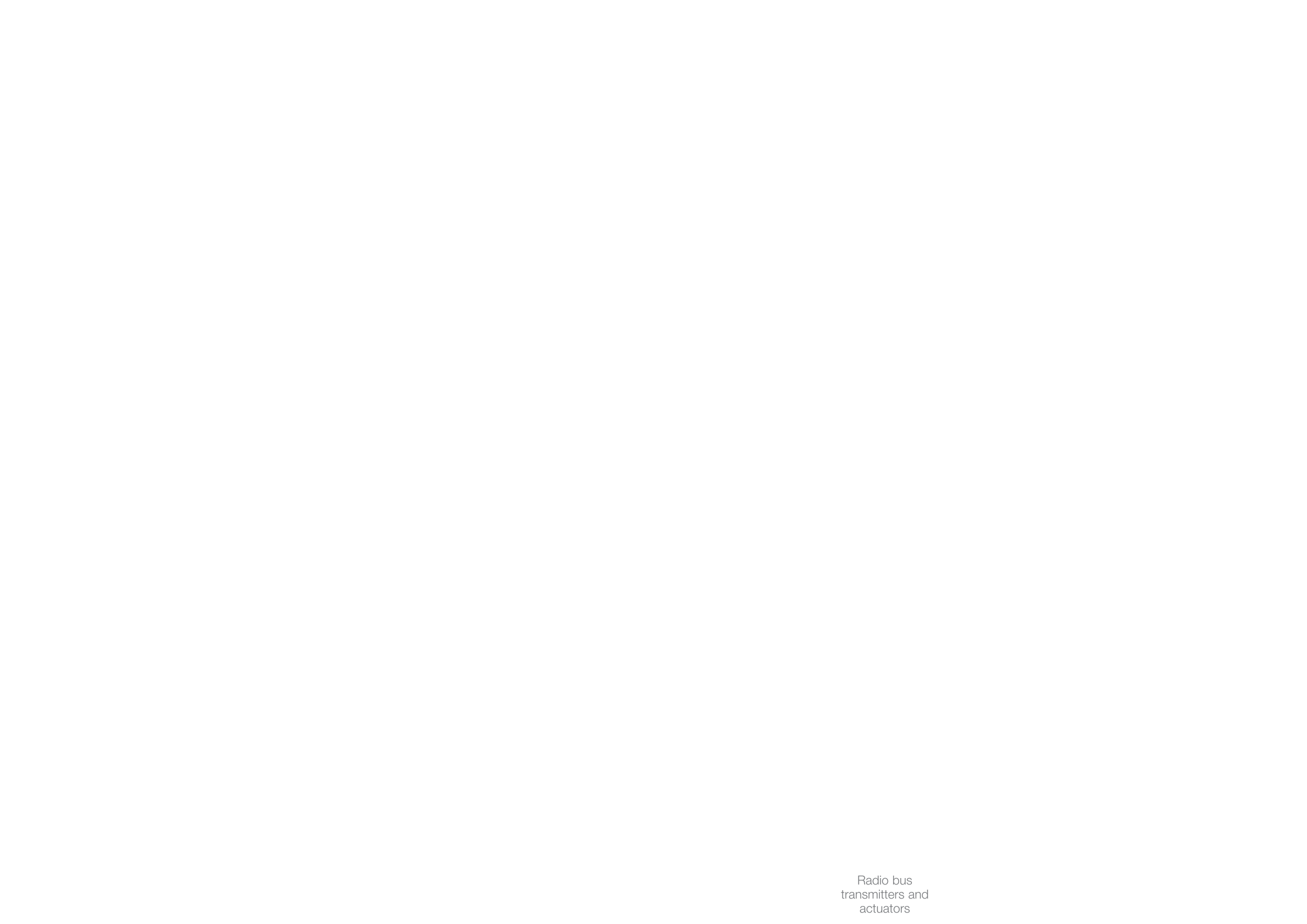


Lithium block battery 9 V

Output voltage	9 V=
Charging capacity	1.2 Ah

- replacement

Design	Order no.	PU
Lithium block battery 9 V	**9219**	1


Radio bus
transmitters and
actuators

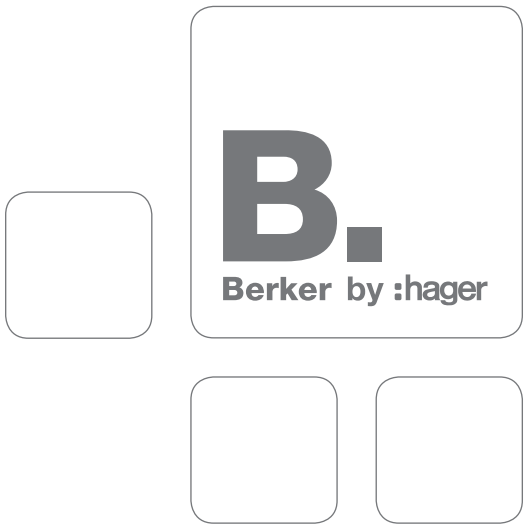
KNX-Radio

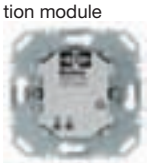
The new electronics platform consists, on the one hand, of conventional solutions and on the other hand, this platform can be expanded further using the radio applications shown here. In this way, for example, a flush-mounted dimmer can be turned into a remote control solution by attaching a radio button. The special feature is that both the radio application modules and all the flush-mounted radio devices use the KNX radio standard. This means that a tried-and-trusted and secure radio technology is used, which allows many different types of commissioning. The radio transmitters and receivers of the new electronics platform can be taught in easily using buttons and LEDs - as it were, at the touch of a button (quicklink). This simple type of commissioning is particularly suited to small and medium-sized systems, in which the applications communicate with each other solely by means of radio.
ETS applications, which are loaded into the KNX radio/TP Gateway AP, are available for including the radio products.

Note: the products are not compatible with the radio bus system!



Light control	711
Motion detectors	718
Blind control	723
Transmitters	725
Sensors	729
Binary inputs	730
Switch actuators	731
Dim actuators	734
Blind actuators	734
KNX radio application module power supply	735
Gateways	736



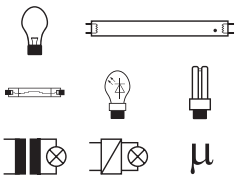
	Covers	KNX radio button, 1gang, quicklink	KNX radio button, 2gang, quicklink	KNX radio button, 4gang, quicklink	KNX radio motion detector comfort quicklink 1.1 m and 2.2 m	KNX radio timer, quicklink	KNX radio blind button quicklink	KNX radio blind time switch, quicklink
								
Inserts	**ORDER NO.**	8514 51 xx	8514 61 xx	8564 81 xx	8534 51 xx 8534 61 xx	8574 52 xx	8524 51 xx	8574 11 xx
Universal switch insert, 1gang 	8512 11 00	■		■	■			
Relay insert 	8512 12 00	■		■	■	■		
Touch dimmer (R, L) 	8542 11 00	■		■	■			
Universal touch dimmer, 1gang 	8542 12 00	■		■	■			
Universal switch insert, 2gang 	8512 22 00		■	■				
Universal touch dimmer, 2gang 	8542 21 00		■	■				
Blind insert comfort 	8522 11 00						■	■
Power supply for radio application module 	8502 01 00	■	■	■	■	■	■	■

Light control

Switch inserts

New





Relay insert

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	2300 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
Fluorescent lamps:	
- uncompensated	1100 VA/channel
- parallel compensated	1000 W /130 µF
- in Duo circuit	1000 W
- with electronical ballast (EB)	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Minimum contact load	≈ 15 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

Neutral conductor necessary!

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

- low intrinsic energy requirement
- also usable as push-button relay switch
- automatic setting to dimmable loads (autoDetect process)
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- with screw terminals

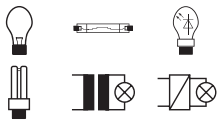
Suitable for	Order no.	Page
KNX radio button 1gang quicklink	8514 51 ..	714
KNX radio button 4gang quicklink	8564 81 ..	715
optional		
Making current limiter	185	74



Design	Order no.	PU
Relay insert	* **8512 12 00**	1

New







Switch insert 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Suitable for	Order no.	Page
KNX radio button 1gang quicklink	8514 51 ..	714
KNX radio button 4gang quicklink	8564 81 ..	715
KNX radio motion detector comfort 1.1 m quicklink	8534 51 ..	720
KNX radio motion detector comfort 2.2 m quicklink	8534 61 ..	721

Do not connect inductive and capacitive loads jointly.

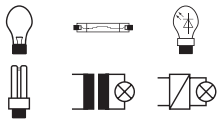
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Switch insert 1gang	* **8512 11 00**	1

New







Switch insert 2gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 1 W
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable 230 V retrofit LED lamps	per channel 12 ... 54 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. per channel 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Suitable for	Order no.	Page
KNX radio button 2gang quicklink	8514 61 ..	715
KNX radio button 4gang quicklink	8564 81 ..	715

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Switch insert 2gang	* **8512 22 00**	1

Dimmer inserts

New

Touch dimmer (R, L)



Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Insertion depth	32 mm

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

- low intrinsic energy requirement
- switch-on brightness level can be stored safe after power failure
- bulb-preserving soft startup
- phase cut-on
- short-circuit and overload proof (electronic fuse)
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Suitable for	Order no.	Page
KNX radio button 1gang quicklink	8514 51 ..	714
KNX radio button 4gang quicklink	8564 81 ..	715
KNX radio motion detector comfort 1.1 m quicklink	8534 51 ..	720
KNX radio motion detector comfort 2.2 m quicklink	8534 61 ..	721
optional		
Universal power booster Plus RMD	1 6599 01	59

Design	Order no.	PU
Touch dimmer (R, L)	* **8542 11 00**	1

New

Universal touch dimmer 1gang



Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Quantity LED lamps	max. 8
Quantity energy-saving lamps	max. 8
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Insertion depth	32 mm

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

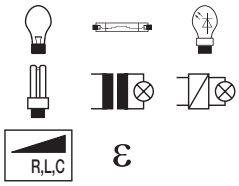
- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Suitable for	Order no.	Page
KNX radio button 1gang quicklink	8514 51 ..	714
KNX radio button 4gang quicklink	8564 81 ..	715
KNX radio motion detector comfort 1.1 m quicklink	8534 51 ..	720
KNX radio motion detector comfort 2.2 m quicklink	8534 61 ..	721

Design	Order no.	PU
Universal touch dimmer 1gang	* **8542 12 00**	1

New





Universal touch dimmer 2gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption, standby (Channel 1/Channel 2)	0,3/0,7 W
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable 230 V retrofit LED lamps	per channel 12 ... 40 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
Quantity LED lamps	per channel max. 8
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. per channel 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Insertion depth	32 mm

Do not connect inductive and capacitive loads jointly per series.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Suitable for	Order no.	Page
KNX radio button 2gang quicklink	8514 61 ..	715
KNX radio button 4gang quicklink	8564 81 ..	715



Design	Order no.	PU
Universal touch dimmer 2gang	* **8542 21 00**	1

Buttons for switches/dimmers

New

KNX radio button 1gang quicklink

i 894

Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-5 ... +45 °C

For manual actuation or remote control via KNX radio.

- low intrinsic energy requirement
- configurable transmission and/or reception behaviour
- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, 1 button control up/down, operating mode on/off, dimming value, brightness display, push-button, status display, forced control
- LED application module/insert compatibility display
- with configuration and function LEDs
- with configuration and function button
- operating areas configurable as one or two-area operation
- switch-on brightness level for each operating area on configuration with dimmer insert, power failure proof, storable
- scene saving lockable
- top and bottom operating area on 1gang switching/dimming inserts and network insert are freely configurable
- toolless quicklink configuration using buttons and LED display

Suitable for	Order no.	Page
Mains insert for KNX radio application module	8502 01 00	735
Switch insert 1gang	8512 11 00	49
Relay insert	8512 12 00	48
Touch dimmer (R, L)	8542 11 00	51
Universal touch dimmer 1gang	8542 12 00	51



Design	Order no.	PU
Berker R.1/R.3		
polar white glossy [1]	* **8514 51 39**	1
black glossy [1]	* **8514 51 31**	1

[1] no dismantling protection possible

New



KNX radio button 2gang quicklink

i 894

Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	4
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-5 ... +45 °C

For manual actuation or remote control via KNX radio.

- low intrinsic energy requirement
- configurable transmission and/or reception behaviour
- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, 1 button control up/down, operating mode on/off, dimming value, brightness display, push-button, status display, forced control
- LED application module/insert compatibility display
- with configuration and function LEDs
- with configuration and function button
- operating areas configurable as one or two-area operation
- switch-on brightness level for each operating area on configuration with dimmer insert, power failure proof, storable
- scene saving lockable
- top and bottom operating areas on 2gang switching/dimming inserts and network insert are freely configurable
- toolless quicklink configuration using buttons and LED display

Suitable for	Order no.	Page
Mains insert for KNX radio application module	8502 01 00	735
Switch insert 2gang	8512 22 00	50
Universal touch dimmer 2gang	8542 21 00	52

Design	Order no.	PU
Berker R.1/R.3		
polar white glossy [1]	* **8514 61 39**	1
black glossy [1]	* **8514 61 31**	1

[1] no dismantling protection possible

New



KNX radio button 4gang quicklink

i 894

Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	4
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-5 ... +45 °C

Extended operating options on 1gang inserts through 2 additional, freely-configurable radio channels.

For manual actuation or remote control via KNX radio.

- low intrinsic energy requirement
- configurable transmission and/or reception behaviour
- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, 1 button control up/down, operating mode on/off, dimming value, brightness display, push-button, status display, forced control
- LED application module/insert compatibility display
- with configuration and function LEDs
- with configuration and function button
- operating areas configurable as one or two-area operation
- switch-on brightness level for each operating area on configuration with dimmer insert, power failure proof, storable
- scene saving lockable
- toolless quicklink configuration using buttons and LED display

Suitable for	Order no.	Page
Mains insert for KNX radio application module	8502 01 00	735

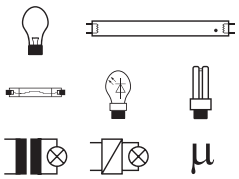
Design	Order no.	PU
Berker R.1/R.3		
polar white glossy [1]	* **8564 81 39**	1
black glossy [1]	* **8564 81 31**	1

[1] no dismantling protection possible

Timers

New





Relay insert

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	2300 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
Fluorescent lamps:	
- uncompensated	1100 VA/channel
- parallel compensated	1000 W /130 µF
- in Duo circuit	1000 W
- with electronical ballast (EB)	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Minimum contact load	≈ 15 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

Neutral conductor necessary!

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

- low intrinsic energy requirement
- also usable as push-button relay switch
- automatic setting to dimmable loads (autoDetect process)
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Suitable for optional	Order no.	Page
Making current limiter	185	74



Design	Order no.	PU
Relay insert	* **8512 12 00**	1

New



KNX radio timer quicklink

- Display



Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Astronomic time shift	± 2 h
Random number generator	± 15 min
Running accuracy	± 3 min/year
Power reserve	≈ 24 h
Number of switching times for on/off	20
Operating temperature	-5 ... +45 °C

Control using device buttons, radio transmitters and programmed switching times.

i 894

- low intrinsic energy requirement
- 2 independent preset programme memories, individually adaptable
- with switchover manual/automatic mode
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the switching times in automatic operation
- standalone programme, radio and extension unit commands are not executed
- configurable transmission and/or reception behaviour
- with keylock
- party function, no execution of automatic, radio and extension unit commands (switch protection)
- reset function (to factory setting)
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, scene loading, time dimming value, push-button, status display
- with automatic summer-/winter time switching (can be switched off)
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- menu guidance available in German, English or French

Suitable for	Order no.	Page
Mains insert for KNX radio application module	8502 01 00	735

Design	Order no.	PU
Berker R.1/R.3		
polar white glossy [1]	* **8574 52 39**	1
black glossy [1]	* **8574 52 31**	1

[1] no dismantling protection possible

Motion detectors

New



Relay insert

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	2300 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
Fluorescent lamps:	
- uncompensated	1100 VA/channel
- parallel compensated	1000 W /130 µF
- in Duo circuit	1000 W
- with electronical ballast (EB)	1000 W
Compact fluorescent lamps with electronic ballast	22 x 20 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Minimum contact load	≈ 15 W
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

- low intrinsic energy requirement
- also usable as push-button relay switch
- automatic setting to dimmable loads (autoDetect process)
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Suitable for optional	Order no.	Page
Making current limiter	185	74

Neutral conductor necessary!

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Relay insert	* **8512 12 00**	1

New



Switch insert 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Do not connect inductive and capacitive loads jointly.

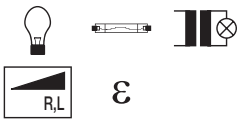
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Switch insert 1gang	* **8512 11 00**	1

New





Touch dimmer (R, L)

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- switch-on brightness level can be stored safe after power failure
- bulb-preserving soft startup
- phase cut-on
- short-circuit and overload proof (electronic fuse)
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Suitable for optional	Order no.	Page
Universal power booster Plus RMD	1 6599 01	59

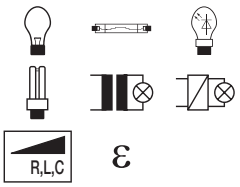
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Touch dimmer (R, L)	* **8542 11 00**	1

New





Universal touch dimmer 1gang

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.3 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
Quantity LED lamps	max. 8
Quantity energy-saving lamps	max. 8
Number of universal capacity enhancers	max. 2
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Insertion depth	32 mm

- low intrinsic energy requirement
- bulb-preserving soft startup
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- short-circuit and overload proof (electronic fuse)
- optional fine setting of the load type
- with extension unit input for push-button (NO contact) with single-surface operation and motion detector extension unit
- expandable with universal power boosters RMD Plus
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Do not connect inductive and capacitive loads jointly.

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Universal touch dimmer 1gang	* **8542 12 00**	1

New





KNX radio motion detector comfort 1.1 m quicklink

i 894

Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Delay time, adjustable	≈ 1 s ... 3 h
Nominal mounting height	1.1 m
Detection angle, settable	each side ≈ 45 ... 90 °
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Range, frontal	≈ 12 m
Range, side	each ≈ 8 m
Detection field, rectangular shaped	≈ 12 x 16 m
Switch-off pre-warning to dimming value 50% for	30 s
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the controller. Only suitable for indoor areas!

- low intrinsic energy requirement
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- reset function (to factory setting)
- switch-off pre-warning on dimmer inserts
- quicklink functions: memory, forced control, master-slave
- quicklink functions: switching, dimming, 2 scenes, time switching, NO contact push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value, brightness display, movement scene loading, no movement scene loading
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with configuration and function LEDs
- with configuration and function button
- with button for on/off/automatic/memory/party function
- remote control via quicklink transmitter
- scene opening via KNX radio appliances
- scene saving lockable
- µ-processor controlled mode of operation
- optional operation of extension units using installation push-button

Suitable for	Order no.	Page
Mains insert for KNX radio application module	8502 01 00	735



Design	Order no.	PU
Berker R.1/R.3		
polar white glossy [1]	* **8534 51 39**	1
black glossy [1]	* **8534 51 31**	1

[1] no dismantling protection possible

New





KNX radio motion detector comfort 2.2 m quicklink

i 894

Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Delay time, adjustable	≈ 1 s ... 3 h
Nominal mounting height	2.2 m
Detection angle, settable	each side ≈ 45 ... 90 °
Response sensitivity, settable	≈ 10 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Range, frontal	≈ 8 m
Range, frontal (at 1.1 m installation height)	≈ 4 m
Range, side	each ≈ 6 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Detection field, rectangular shaped	≈ 8 x 12 m
Switch-off pre-warning to dimming value 50% for	30 s
Operating temperature	-5 ... +45 °C
Assembling height	34 mm

- low intrinsic energy requirement
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- reset function (to factory setting)
- switch-off pre-warning on dimmer inserts
- quicklink functions: memory, forced control, master-slave
- quicklink functions: switching, dimming, 2 scenes, time switching, NO contact push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value, brightness display, movement scene loading, no movement scene loading
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with configuration and function LEDs
- with configuration and function button
- with button for on/off/automatic/memory/party function
- remote control via quicklink transmitter
- scene opening via KNX radio appliances
- scene saving lockable
- µ-processor controlled mode of operation
- optional operation of extension units using installation push-button

Suitable for	Order no.	Page
Mains insert for KNX radio application module	8502 01 00	735



Design	Order no.	PU
Berker R.1/R.3		
polar white glossy [1]	* **8534 61 39**	1
black glossy [1]	* **8534 61 31**	1

[1] no dismantling protection possible

Motion detector surface-mounted

New



2,5 m IP55

KNX radio motion detector 220° surface-mounted

i 894

Operating voltage	4.5 V=
Battery service life [years]	≈ 4
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Delay time, adjustable	≈ 1 s ... 3 h
Lockout time	10 s
Recommended installation height	≈ 2.5 m
Detection angle	220 °
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Range, frontal	≈ 16 m
Range, side	each ≈ 8 m
Detection field, semi-oval shaped	≈ 16 x 16 m
Operating temperature	-20 ... +55 °C
Dimensions (W x H x D)	91 x 130 x 153 mm

- low intrinsic energy requirement
- reset function (to factory setting)
- quicklink functions: time switching, NO contact push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: operating mode on/off, push-button, dimming value, brightness display, movement scene loading, no movement scene loading
- with battery status indicator
- with configuration LED
- with LED detection indicator
- with configuration button
- µ-processor controlled mode of operation
- with crawl-under protection
- with 3 Micro, alkaline batteries AAA LR03
- toolless quicklink configuration using buttons and LED display
- for wall and ceiling installation, corner installation with adapter
- vertically slewing and horizontally rotating
- with cover elements to limit the detection field
- wall retaining plate and fastening material included in scope of delivery

Suitable for optional	Order no.	Page
Surface-mounted corner mounting adapter for motion detector	8590 02 00	723

Design	Order no.	PU
polar white matt	* **8536 51 00**	1

New



2,5 m IP55

KNX radio motion detector 220° solar

i 894

Operating voltage	4.5 V=
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Delay time, adjustable	≈ 1 s ... 3 h
Lockout time	10 s
Recommended installation height	≈ 2.5 m
Detection angle	220 °
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)
Range, frontal	≈ 16 m
Range, side	each ≈ 8 m
Detection field, semi-oval shaped	≈ 16 x 16 m
Operating temperature	-20 ... +55 °C
Dimensions (W x H x D)	91 x 130 x 153 mm

- low intrinsic energy requirement
- reset function (to factory setting)
- quicklink functions: time switching, NO contact push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: operating mode on/off, push-button, dimming value, brightness display, movement scene loading, no movement scene loading
- with configuration LED
- with LED detection indicator
- with configuration button
- µ-processor controlled mode of operation
- with crawl-under protection
- toolless quicklink configuration using buttons and LED display
- not dependent on mains power
- for wall and ceiling installation, corner installation with adapter
- vertically slewing and horizontally rotating
- with cover elements to limit the detection field
- wall retaining plate and fastening material included in scope of delivery

Suitable for optional	Order no.	Page
Surface-mounted corner mounting adapter for motion detector	8590 02 00	723

Design	Order no.	PU
polar white matt	* **8536 52 00**	1

New



KNX radio motion detector 220° surface-mounted/ switch actuator 1gang surface-mounted set

- low intrinsic energy requirement
- the motion detector (transmitter) and switch actuator (receiver) are pre-configured for joint use
- set consists of KNX radio controller 220°, surface-mounted (order no. 8536 51 00) and switch actuator, 1gang, surface-mounted (order no. 8516 51 00)

Suitable for	Order no.	Page
optional		
Surface-mounted corner mounting adapter for motion detector	8590 02 00	723

Design	Order no.	PU
polar white matt/white	* **8536 51 99**	1

New



Surface-mounted corner mounting adapter for motion detector

- for mounting, e.g. on building corners

Suitable for	Order no.	Page
KNX radio motion detector 220° surface-mounted	8536 5 ..	722

Design	Order no.	PU
polar white matt	* **8590 02 00**	1

Blind control

New



Blind insert comfort

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current (ohmic\ inductive)	max. 5 A
Switching current at cos φ = 0.6	max. 3 A
Power consumption (standby)	< 0.1 W
Change-over time for change of direction	< 0.6 s
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Cable length, extensions	max. 50 m
Load cable length	max. 100 m
Screw terminals	max. 2 x 1,5 / 1 x 2,5 mm²
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

- low intrinsic energy requirement
- with 2 mechanically and electrically mutually-locked relay contacts
- with 230 V extension unit inputs for up and down
- for single, group and master controls
- no conductive connection between supporting ring and spreading claws
- circuiting of extension units push-buttons for blinds, blind inserts, key push-buttons for blinds
- with screw terminals

Design	Order no.	PU
Blind insert comfort	* **8522 11 00**	1

New



KNX radio blind button quicklink

i 894

Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	
Radio transmission range (building)	max. 30 m
Venetian blind movement time	2 min
Minimum slat adjustment time	≈ 150 ms
Lamella adjustment on signal duration	< 1 s
Lamella adjustment on button-press	< 0.4 s
Change-over time for change of direction	< 0.6 s
Operating temperature	-5 ... +45 °C

For manual actuation, automated memory execution or remote control via KNX radio.

- low intrinsic energy requirement
- memory function for automatic execution of learned up and down times with position
- configurable transmission and/or reception behaviour
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- quicklink functions: blind, 2 scenes, memory, forced control, up/down push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode, status display, 2 x alarm
- LED application module/insert compatibility display
- with configuration and function LEDs
- with indicator LED for lock-out protection
- with status LED for memory and party function, red/orange
- with configuration and function button
- scene opening via KNX radio appliances
- slat position storable for scene
- toolless quicklink configuration using buttons and LED display
- sun protection and twilight-controlled lowering with radio brightness sensor
- with imprinted symbol arrows

Suitable for	Order no.	Page
Mains insert for KNX radio application module	8502 01 00	735
optional		
KNX radio brightness sensor	8580 11 00	729

Design	Order no.	PU
Berker R.1/R.3		
polar white glossy [1]	* **8524 51 39**	1
black glossy [1]	* **8524 51 31**	1

[1] no dismantling protection possible

New



KNX radio blind time switch quicklink

i 894

- Display

Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Running time	2 min
Astronomic time shift	± 2 h
Random number generator for holiday program	± 15 min
Running accuracy	± 3 min/year
Power reserve	≈ 24 h
Number of operation times for up/down	20/day
Minimum slat adjustment time	≈ 150 ms
Lamella adjustment on signal duration	< 1 s
Lamella adjustment on button-press	< 0.5 s
Change-over time for change of direction	< 0.6 s
Operating temperature	-5 ... +45 °C

Control using device buttons, radio transmitters and programmed switching times.

- low intrinsic energy requirement
- 2 independent preset programme memories, individually adaptable
- with switchover manual/automatic mode
- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable
- holiday programme for random variation of the operation times in automatic operation
- standalone programme, radio and extension unit commands are not executed
- configurable transmission and/or reception behaviour
- with keylock
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- quicklink functions for integration into the individual, group and master control of blinds/shutters
- quicklink functions: blind, 2 scenes, forced control, up/down push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- with automatic summer-/winter time switching (can be switched off)
- scene opening via KNX radio appliances
- slat position storable for scene
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- menu guidance available in German, English or French
- sun protection and twilight-controlled lowering with radio brightness sensor

Suitable for	Order no.	Page
Mains insert for KNX radio application module	8502 01 00	735
optional		
KNX radio brightness sensor	8580 11 00	729

Design	Order no.	PU
Berker R.1/R.3		
polar white glossy [1]	* **8574 51 39**	1
black glossy [1]	* **8574 51 31**	1

[1] no dismantling protection possible

Transmitters

Hand-held transmitter

New



KNX radio hand-held transmitter 2-channel

i 894

- Labelling field

Battery service life [years]	≈ 5
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	2
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-10 ... +45 °C
Dimensions (L x W x H)	83 x 46.5 x 15.8 mm

For radio remote control of all assigned KNX radio receivers.

- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- with configuration button
- with side locking buttons
- with 2 x lithium coin cell battery 3 V type: CR 2430
- with keyring

Design	Order no.	PU
polar white/grey, glossy/matt	* **8560 51 00**	1

New



KNX radio hand-held transmitter 4-channel

i 894

- Labelling field

Battery service life [years]	≈ 5
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	4
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-10 ... +45 °C
Dimensions (L x W x H)	83 x 46.5 x 15.8 mm

For radio remote control of all assigned KNX radio receivers.

- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- with configuration button
- with side locking buttons
- with 2 x lithium coin cell battery 3 V type: CR 2430
- with keyring

Design	Order no.	PU
polar white/grey, glossy/matt	* **8560 61 00**	1

New



KNX radio hand-held transmitter 6-channel

i 894

- Labelling field

Battery service life [years]	≈ 5
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	6
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	+0 ... +45 °C
Dimensions (L x W x H)	133.6 x 50.2 x 16 mm

For radio remote control of all assigned KNX radio receivers.

- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- with 2 x lithium coin cell battery 3 V type: CR 2430

Design	Order no.	PU
polar white velvety	* **8560 71 00**	1

New



KNX radio hand-held transmitter 18-channel

i 894

- Labelling field

Battery service life [years]	≈ 5
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	18
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	+0 ... +45 °C
Dimensions (L x W x H)	133.6 x 50.2 x 16 mm

For radio remote control of all assigned KNX radio receivers.

- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- with 2 x lithium coin cell battery 3 V type: CR 2430
- with channel group slide switch
- with movement and actuation-dependent labelling field illumination

Design	Order no.	PU
white/dark blue	* **8560 81 00**	1

Wall-transmitters

New



KNX radio wall-transmitter 1gang flat quicklink

i 894

Battery service life [years]	≈ 5
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-5 ... +45 °C
Assembling height	14 mm

For radio remote control of all assigned KNX radio receivers.

- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- with configuration button
- operating areas configurable as one or two-area operation
- with lithium coin cell battery 3 V type: CR 2430
- top and bottom operating area are freely configurable
- toolless quicklink configuration using buttons and LED display
- for flat surface mounting and extension of combinations

Design	Order no.	PU
Berker R.1/R.3		
polar white glossy [1]	* **8565 52 39**	1
black glossy [1]	* **8565 52 31**	1

[1] no dismantling protection possible

New



KNX radio wall-transmitter 2gang flat quicklink

i 894

Operating voltage	3 V=
Battery service life [years]	≈ 5
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	4
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-5 ... +45 °C
Assembling height	14 mm

For radio remote control of all assigned KNX radio receivers.

- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- with configuration button
- operating areas configurable as one or two-area operation
- with lithium coin cell battery 3 V type: CR 2430
- top and bottom operating areas are freely configurable
- toolless quicklink configuration using buttons and LED display
- for flat surface mounting and extension of combinations



Design	Order no.	PU
Berker R.1/R.3		
polar white glossy [1]	* **8565 62 39**	1
black glossy [1]	* **8565 62 31**	1

[1] no dismantling protection possible

New



KNX radio wall-transmitter 1gang flat solar quicklink

i 894

Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Required Ø brightness	min. 300 lx 6 h/day
Operating temperature	-5 ... +45 °C
Assembling height	14 mm

For radio remote control of all assigned KNX radio receivers.

- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- with configuration button
- operating areas configurable as one or two-area operation
- power supply via solar cells
- top and bottom operating area are freely configurable
- toolless quicklink configuration using buttons and LED display
- for flat surface mounting and extension of combinations



Design	Order no.	PU
Berker R.1/R.3		
polar white glossy [1]	* **8565 51 39**	1
black glossy [1]	* **8565 51 31**	1

[1] no dismantling protection possible

New



KNX radio wall-transmitter 2gang flat solar quicklink

894

Operating voltage	3 V=
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	4
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Required Ø brightness	min. 300 lx 6 h/day
Operating temperature	-5 ... +45 °C
Assembling height	14 mm

For radio remote control of all assigned KNX radio receivers.

- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, push-button, status display, dimming value
- with configuration LED
- with transmission status and battery status LED, red/green/orange
- with configuration button
- operating areas configurable as one or two-area operation
- power supply via solar cells
- with anti-dismantling protection
- top and bottom operating areas are freely configurable
- toolless quicklink configuration using buttons and LED display
- for flat surface mounting and extension of combinations



Design	Order no.	PU
Berker R.1/R.3		
polar white glossy	* **8565 61 39**	1
black glossy	* **8565 61 31**	1

Sensors

New



KNX radio brightness sensor

894

Battery service life [years]	≈ 4
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Sun setting range	≈ 1 ... 10 klx
Twilight setting range	≈ 10 ... 300 lx
Operating temperature	+0 ... +50 °C
Fibre optic cable, sensor cable length	≈ 1.5 m
Dimensions (L x W x H)	138 x 26 x 31 mm
Weight	≈ 70 g

- reset function (to factory setting)
- quicklink functions: up/down push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- with 2 potentiometers for sun/twilight and LED display for actual value
- with configuration LED
- with configuration button
- with 2 Micro, alkaline batteries AAA LR03
- toolless quicklink configuration using buttons and LED display
- confectioned, with fibre-optic cable and plug
- for suction cover to window pane
- with photodiode
- with adhesive pads and adhesive cable clips for fastening

Suitable for	Order no.	Page
KNX radio blind button quicklink	8524 51 ..	724
KNX radio blind time switch quicklink	8574 51 ..	725



Design	Order no.	PU
polar white matt	* **8580 11 00**	1

New



KNX radio magnetic contact

894

Battery service life [years]	≈ 4
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	+0 ... +50 °C
Distance to magnet	max. 5 mm
Dimensions (L x W x H)	138 x 26 x 31 mm
Weight	≈ 70 g

- reset function (to factory setting)
- quicklink functions: switching, blind, 2 scenes, time switching, NO contact push-button, forced control
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- with configuration LED
- with transmission status, battery status and control LEDs
- with configuration button
- with 2 Micro, alkaline batteries AAA LR03
- toolless quicklink configuration using buttons and LED display
- with adapters for magnet height compensation
- with adhesive pads for fastening
- with additional screw terminals for reed contacts

Design	Order no.	PU
polar white matt	* **8580 12 00**	1

Binary inputs

New



KNX radio binary input 2gang flush-mounted

894

Operating voltage	3 V=
Battery service life [years]	≈ 5
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Pulse time	min. 50 ms
Operating temperature	-5 ... +45 °C
Binary cable length, extendable	max. 10 m
Dimensions (Ø x H)	51 x 16 mm

- low intrinsic energy requirement
- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory, forced control, up/down push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
- with configuration LED
- with configuration button
- with lithium battery 3 V type: CR 1/2 AA
- toolless quicklink configuration using buttons and LED display
- not dependent on mains power
- activation, for example through switches, push-buttons, timers, blind timer switches, magnetic contact
- for installation behind flush-mounted inserts
- for connection to max. 2 potential-free contacts

Suitable for	Order no.	Page
Berker TS Crystal		page 541
Push-button, NO contact	1811 1 ..	540
Crystal Ball	1685 78	542

Design	Order no.	PU
light grey	* **8587 61 00**	1

New



KNX radio binary input 2gang flush-mounted 230 V

894

Operating voltage	230 V~
Frequency	50/60 Hz
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Pulse time	min. 50 ms
Operating temperature	-5 ... +45 °C
Conductor cross-section	0.75 mm² ... 2.5 mm²
Binary cable length, extendable	max. 10 m
Dimensions (Ø x H)	53 x 27 mm

- low intrinsic energy requirement
- reset function (to factory setting)
- quicklink functions: switching, dimming, blind, 2 scenes, time switching, NO contact push-button, memory, forced control, up/down push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
- with configuration LED
- with configuration button
- toolless quicklink configuration using buttons and LED display
- for installation behind flush-mounted inserts
- with screw-in lift terminals

Design	Order no.	PU
light grey	* **8587 62 00**	1

Switch actuators

New



IP55

KNX radio switch actuator 1gang surface-mounted

894

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	1500 W
Fluorescent lamps:	
- uncompensated	600 VA
- with electronical ballast (EB)	6 x 58 W
Compact fluorescent lamps	6 x 18 W
Conventional transformers	600 VA
Electronic transformers	600 W
Radio reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of quicklink links	max. 20 transmitter/receiver
Operating temperature	-10 ... +55 °C
Dimensions (L x W x H)	150 x 85 x 35 mm

- low intrinsic energy requirement
- repeat function can be activated to increase the radio range
- reset function (to factory setting)
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, status display
- with control LED for On/Off
- with manual operation on/off
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- with screw-in lift terminals

Design	Order no.	PU
white	* **8516 51 00**	1

New



IP55

KNX radio switch actuator 2gang surface-mounted

i 894

Operating voltage	230 V~
Switching current	2x 10 A/230 V AC1 A
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	per channel 1500 W
Fluorescent lamps:	
- uncompensated	per channel 600 VA
- with electronical ballast (EB)	per channel 6 x 58 W
Compact fluorescent lamps	18 W
Conventional transformers	600 VA
Electronic transformers	per channel 600 W
Radio reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of quicklink links	max. 20 transmitter/receiver
Operating temperature	-10 ... +55 °C
Dimensions (L x W x H)	150 x 85 x 35 mm

- low intrinsic energy requirement
- repeat function can be activated to increase the radio range
- reset function (to factory setting)
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, status display
- with control LED for On/Off
- with manual operation on/off per channel
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- with screw-in lift terminals

Design	Order no.	PU
white	* **8516 61 00**	1

New



KNX radio switch actuator for plugs

Operating voltage	230 V~
Frequency	50 Hz
Switching current	16 A
230 V incandescent lamps and halogen lamps	2300 W
Fluorescent lamps	28 x 36, max. 120 µF W
Conventional transformers	1600 VA
Electronic transformers and dual-mode transformers	1200 W
Radio reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	+0 ... +45 °C
Dimensions (W x H x D)	98 x 54 x 77 mm
Assembling height	41 mm

- low intrinsic energy requirement
- repeat function can be activated to increase the radio range
- reset function (to factory setting)
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, forced control, status display
- with configuration and function LEDs
- with control LED for On/Off
- with configuration and function button
- with manual operation on/off
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display

For remote-controlled switching of electrical loads.

Design	Order no.	PU
polar white matt	* **8510 51 00**	1

New



IP55

KNX radio switch actuator 1gang/binary input 1gang surface-mounted

894

Operating voltage	230 V~
Switching current	10 A / 230 V AC1
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	1500 W
Fluorescent lamps:	
- uncompensated	600 VA
- with electronical ballast (EB)	6 x 58 W
Compact fluorescent lamps	6 x 18 W
Conventional transformers	600 VA
Electronic transformers	600 W
Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	-10 ... +55 °C
Dimensions (L x W x H)	150 x 85 x 35 mm

- low intrinsic energy requirement
- repeat function can be activated to increase the radio range
- reset function (to factory setting)
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
- with configuration and function LEDs
- with transmission status and control LED for On/Off
- with configuration and function button
- with manual operation on/off
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- with screw-in lift terminals

Design	Order no.	PU
white	* **8586 51 00**	1

New



KNX radio switch actuator 1gang/binary input 1gang flush-mounted

894

Operating voltage	230 V~
Frequency	50 Hz
Switching current	
230 V incandescent lamps and halogen lamps	1500 W
Fluorescent lamps:	
- parallel compensated	11x 36 W /47 µF
Conventional transformers	800 VA
Electronic transformers	600 W
Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	1
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	+0 ... +45 °C
Binary cable length	≈ 20 cm
Binary cable length, extendable	max. 5 m
Dimensions, sensor (Ø x H)	53 x 30 mm

- low intrinsic energy requirement
- reset function (to factory setting)
- quicklink functions: switching, 2 scenes, time switching, NO contact push-button, forced control
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, 1 up/down button control, push-button, 2 x alarm, status display
- ETS additional functions: repeater function
- with configuration and function LEDs
- with transmission status and control LED for On/Off
- with configuration and function button
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- confectioned, with 2-core cable
- for installation behind flush-mounted inserts
- with screw-in lift terminals

Design	Order no.	PU
white	* **8587 51 00**	1

Dim actuators

New



KNX radio universal dim actuator 1gang flush-mounted

i 894

Operating voltage	230 V~
Frequency	50 Hz
230 V incandescent lamps and halogen lamps	20 ... 200 W
Conventional transformers	20 ... 200 VA
Conventional transformers	20 VA
Electronic transformers	20 ... 200 W
Radio reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission range (free field)	max. 199 m
Radio transmission range (building)	max. 30 m
Operating temperature	+0 ... +45 °C
Dimensions (Ø x H)	56 x 38 mm

- low intrinsic energy requirement
- reset function (to factory setting)
- quicklink functions: dimming, 2 scenes, time switching, NO contact push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode on/off, dimming value, forced control, status display, brightness display, repeater function
- with configuration and function LEDs
- with control LED for On/Off
- with configuration and function button
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- short-circuit and overload proof (electronic fuse)
- with screw-in lift terminals



Design	Order no.	PU
light grey	* **8547 51 00**	1

Blind actuators

New



KNW radio blind actuator 1gang surface-mounted

i 894

Operating voltage	230 V~
Frequency	50 Hz
Switching current	10 A / 230 V AC1
Radio reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Lamella adjustment on signal duration	< 1 s
Change-over time for change of direction	< 0.6 s
Operating temperature	+5 ... +45 °C
Dimensions (L x W x H)	150 x 85 x 35 mm

- low intrinsic energy requirement
- repeat function can be activated to increase the radio range
- reset function (to factory setting)
- quicklink functions: blind, 2 scenes, forced control, up/down push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode, status display, 2 x alarm
- with configuration and function LEDs
- with control LED (relay closed)
- with configuration and function button
- with manual operation up/down
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- with 2 mechanically and electrically mutually-locked relay contacts
- with screw-in lift terminals



Design	Order no.	PU
white	* **8526 51 00**	1

New



KNX radio blind actuator 1gang/binary input 2gang flush-mounted

894

Operating voltage	230 V~
Frequency	50 Hz
Switching current	6 A / 230 V AC1
Radio transmission/reception frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channels	2
Number of quicklink links	max. 20 transmitter/receiver
Radio transmission power	< 10 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Lamella adjustment on signal duration	< 1 s
Change-over time for change of direction	< 0.6 s
Operating temperature	+5 ... +45 °C
Conductor cross-section	0.75 mm² ... 2.5 mm²
Binary cable length	≈ 20 cm
Binary cable length, extendable	max. 5 m
Dimensions (Ø x H)	53 x 27 mm

- low intrinsic energy requirement
- reset function (to factory setting)
- quicklink functions: blind, 2 scenes, forced control, up/down push-button
- integration in the KNX radio/TP gateway, surface-mounted, into the KNX TP system
- ETS additional functions: +6 scenes, operating mode, 1 up/down button control, 2 x alarm, status display
- ETS additional functions: repeater function
- with configuration and function LEDs
- with control LED (relay closed)
- with configuration and function button
- with manual operation up/down
- scene opening via KNX radio appliances
- scene saving lockable
- toolless quicklink configuration using buttons and LED display
- with 2 mechanically and electrically mutually-locked relay contacts
- for installation behind flush-mounted inserts
- for connection to max. 2 potential-free contacts
- with screw-in lift terminals

Design	Order no.	PU
light grey	* **8527 51 00**	1

Mains supply for KNX radio application modules

New



Mains insert for KNX radio application module

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 0.1 W
Operating temperature	-5 ... +45 °C
Screw terminals	max. 1 x 4 / 2 x 2,5 mm²
Insertion depth	22 mm

Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

- low intrinsic energy requirement
- as supply for radio application modules
- no conductive connection between supporting ring and spreading claws
- with screw terminals

Suitable for	Order no.	Page
KNX radio button 1gang quicklink	8514 5 ..	714
KNX radio button 2gang quicklink	8514 6 ..	715
KNX radio button 4gang quicklink	8564 8 ..	715
KNX radio timer quicklink	8574 52 ..	717
KNX radio blind button quicklink	8524 5 ..	724
KNX radio blind time switch quicklink	8574 51 ..	725
KNX radio motion detector comfort 1.1 m quicklink	8534 5 ..	720
KNX radio motion detector comfort 2.2 m quicklink	8534 6 ..	721

Design	Order no.	PU
Mains insert for KNX radio application module	* **8502 01 00**	1

Gateways

New



KNX radio/TP gateway surface-mounted

Operating voltage over bus	30 V=
Radio transmission frequency	868.3 MHz
Radio protocol	KNX Radio
Transmitter duty cycle	1 %
Receiver category	2
Number of radio channel inputs	max. 512
Number of radio channel outputs	max. 512
Number of KNX radio device	max. 256
Radio transmission power	< 25 mW
Radio transmission range (free field)	max. 100 m
Radio transmission range (building)	max. 30 m
Operating temperature	+0 ... +45 °C
Dimensions (W x H x D)	77 x 203 x 26.5 mm

As line coupler for expansion of a KNX system with a KNX radio lead.

As programming interface: in purely KNX radio systems, the surface-mounted KNX radio/TP gateway can be removed after parameterisation.

Interface between KNX twisted pair products and KNX radio products.

- low intrinsic energy requirement
- bus connection via connecting terminal
- status indication using 2-digit red LED display
- large scope of functions of the KNX radio appliances through parameterisation with ETS
- with drilling template, fastening material, strain reliefs and connecting terminal

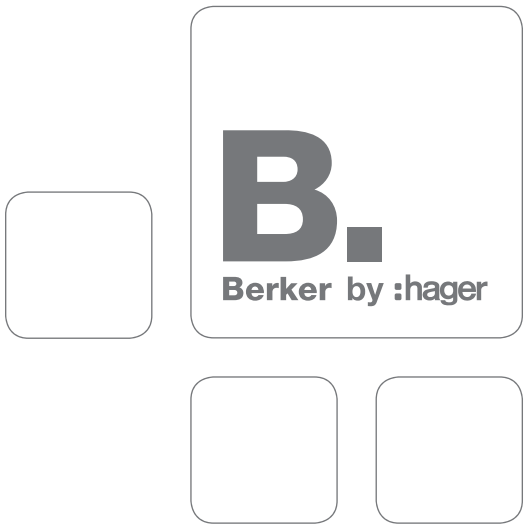
Design	Order no.	PU
polar white matt	* **8505 01 00**	1

KNX operating systems

There are devices which want to show everyone, all the time, what they can do. And there are those all-rounders, who hide their technical perfection and spacious insert width behind a discreet surface. These include our KNX control sections, which can be integrated easily into our switch range using simply their design or using a frame.



Push-buttons standard- and comfort ranges	740
Push-buttons standard and comfort ranges	741
Push-button with bus coupling unit	754
Berker R.1/R.3 - push-buttons/touch sensors	769
Berker B.IQ	774
Berker TS Sensor	781
Visualisations	785
KNX EnOcean	790



Push-buttons standard and comfort ranges



Bus coupling unit flush-mounted

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 100 mW
Operating temperature	-5 ... +45 °C
Insertion depth	23 mm

- with programming button and red programming LED
- as interface between KNX user module and bus line
- bus connection via connecting terminal
- without spreader claws

Suitable for optional	Order no.	Page
Protective cover	7500 00 07	836
Blind plug for bus coupling unit	7594 02 ..	836

Design	Order no.	PU
Bus coupling unit flush-mounted	**7504 00 01**	1

Berker S.1/B.3/B.7, K.1/K.5 - push-buttons

- For switch, push-button, dimmer and shutter functions
- Extension unit for light scene push-button
- With dismantling protection



Push-button 1gang comfort

- Labelling field
- Horizontal operation



Operating temperature -5 ... +45 °C

- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with white operation LED and 2 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- single and two push-button operation parameterisable
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740



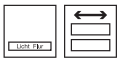
Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 17 80**	1
for anthracite and aluminium [1]	**7516 17 85**	1
Berker K.1/K.5		
polar white [2]	**7516 17 70**	1
anthracite [2]	**7516 17 75**	1
aluminium [2]	**7516 17 74**	1
stainless steel [2]	**7516 17 73**	1

[1] labelling field length (W x H): 52.3 x 52.3 mm
[2] labelling field length (W x H): 66.8 x 52.8 mm



Push-button 2gang comfort

- Labelling fields
- Horizontal operation



Operating temperature -5 ... +45 °C

- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with white operation LED and 4 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- single and two push-button operation parameterisable
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740

Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 27 80**	1
for anthracite and aluminium [1]	**7516 27 85**	1



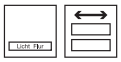
Berker K.1/K.5		
polar white [2]	**7516 27 70**	1
anthracite [2]	**7516 27 75**	1
aluminium [2]	**7516 27 74**	1
stainless steel [2]	**7516 27 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm



Push-button 3gang comfort

- Labelling fields
- Horizontal operation



Operating temperature -5 ... +45 °C

- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with white operation LED and 6 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- single and two push-button operation parameterisable
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740

Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 37 80**	1
for anthracite and aluminium [1]	**7516 37 85**	1



Berker K.1/K.5		
polar white [2]	**7516 37 70**	1
anthracite [2]	**7516 37 75**	1
aluminium [2]	**7516 37 74**	1
stainless steel [2]	**7516 37 73**	1

[1] labelling field length (W x H): 52.3 x 15.6 mm
[2] labelling field length (W x H): 66.8 x 15.7 mm



Push-button 4gang comfort

- Labelling fields
- Horizontal operation



Operating temperature -5 ... +45 °C

Use only in combination with frame frame with large cut-out.

- lockable via 3-button actuation
- one push-button operation for switching, pushing, shutters and dimming
- second operating level via object or 3-button handle
- with white operation LED and 8 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- single and two push-button operation parameterisable
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740

Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 47 80**	1
for anthracite and aluminium [1]	**7516 47 85**	1



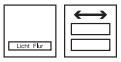
Berker K.1/K.5		
polar white [2]	**7516 47 70**	1
anthracite [2]	**7516 47 75**	1
aluminium [2]	**7516 47 74**	1
stainless steel [2]	**7516 47 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm



Push-button 1gang

- Labelling field
- Horizontal operation



- with white operation LED and 2 red status LEDs
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740

Operating temperature -5 ... +45 °C



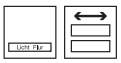
Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 13 80**	1
for anthracite and aluminium [1]	**7516 13 85**	1
Berker K.1/K.5		
polar white [2]	**7516 13 70**	1
anthracite [2]	**7516 13 75**	1
aluminium [2]	**7516 13 74**	1
stainless steel [2]	**7516 13 73**	1

[1] labelling field length (W x H): 52.3 x 52.3 mm
[2] labelling field length (W x H): 66.8 x 52.8 mm



Push-button 2gang

- Labelling fields
- Horizontal operation



- with white operation LED and 4 red status LEDs
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740

Operating temperature -5 ... +45 °C



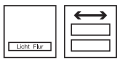
Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 23 80**	1
for anthracite and aluminium [1]	**7516 23 85**	1
Berker K.1/K.5		
polar white [2]	**7516 23 70**	1
anthracite [2]	**7516 23 75**	1
aluminium [2]	**7516 23 74**	1
stainless steel [2]	**7516 23 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm



Push-button 3gang

- Labelling fields
- Horizontal operation



- with white operation LED and 6 red status LEDs
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740

Operating temperature -5 ... +45 °C



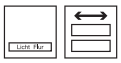
Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 33 80**	1
for anthracite and aluminium [1]	**7516 33 85**	1
Berker K.1/K.5		
polar white [2]	**7516 33 70**	1
anthracite [2]	**7516 33 75**	1
aluminium [2]	**7516 33 74**	1
stainless steel [2]	**7516 33 73**	1

[1] labelling field length (W x H): 52.3 x 15.6 mm
[2] labelling field length (W x H): 66.8 x 15.7 mm



Push-button 4gang

- Labelling fields
- Horizontal operation



Operating temperature -5 ... +45 °C

Only for flush-mounted installation.

Use only in combination with frame frame with large cut-out.

- with white operation LED and 8 red status LEDs
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740

Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 43 80**	1
for anthracite and aluminium [1]	**7516 43 85**	1
Berker K.1/K.5		
polar white [2]	**7516 43 70**	1
anthracite [2]	**7516 43 75**	1
aluminium [2]	**7516 43 74**	1
stainless steel [2]	**7516 43 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm



Berker S.1/B.3/B.7, K.1/K.5 - push-buttons for light scenes



Push-button 4gang for light scenes

- Labelling fields
- Horizontal operation



Number of load groups (increase on cascading) 8

Light scenes max. 8

Operating temperature -5 ... +45 °C

Assembling height - plastic version 15 mm

Labelling field length (W x H) 52.3 x 24.9 mm

Use only in combination with frame frame with large cut-out.

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- with white operation LED and 8 red status LEDs
- second operating level for setting load groups via 3-button actuation
- dimming / position value transmitter 1 byte
- for bus coupling unit flush-mounted
- with anti-dismantling protection

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740

Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7516 88 80**	1
for anthracite and aluminium [1]	**7516 88 85**	1
Berker K.1/K.5		
polar white [2]	**7516 88 70**	1
anthracite [2]	**7516 88 75**	1
aluminium [2]	**7516 88 74**	1
stainless steel [2]	**7516 88 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm



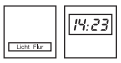
Berker S.1/B.3/B.7, K.1/K.5 - push-buttons with thermostat

- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- LC display with symbol display
- With 2 additional function buttons for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- With room temperature timer
- For installation in single standard wall boxes
- For continuous (PI) or switched (2-point) control of max. 2 control circuits
- With dismantling protection
- With button blocking function
- End customer display scope parameterisable
- Separate object for window contact
- Programmable from ETS2, V1.2a
- Alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- Presence button parameterisable to extend comfort
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte



Push-button 2gang with thermostat

- Labelling fields
- Display



- with white operation LED and 4 red status LEDs

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740

Operating temperature -5 ... +45 °C



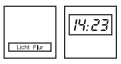
Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7566 27 80**	1
for anthracite and aluminium [1]	**7566 27 85**	1
Berker K.1/K.5		
polar white [2]	**7566 27 70**	1
anthracite [2]	**7566 27 75**	1
aluminium [2]	**7566 27 74**	1
stainless steel [2]	**7566 27 73**	1

[1] labelling field length (W x H): 52.3 x 15.6 mm
[2] labelling field length (W x H): 66.8 x 15.7 mm



Push-button 3gang with thermostat

- Labelling fields
- Display

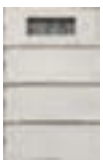


- with white operation LED and 6 red status LEDs

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740

Operating temperature -5 ... +45 °C

Use only in combination with frame frame with large cut-out.



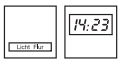
Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7566 37 80**	1
for anthracite and aluminium [1]	**7566 37 85**	1
Berker K.1/K.5		
polar white [2]	**7566 37 70**	1
anthracite [2]	**7566 37 75**	1
aluminium [2]	**7566 37 74**	1
stainless steel [2]	**7566 37 73**	1

[1] labelling field length (W x H): 52.3 x 24.9 mm
[2] labelling field length (W x H): 66.8 x 25 mm



Push-button 5gang with thermostat

- Labelling fields
- Display

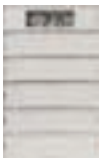


Operating temperature -5 ... +45 °C

Use only in combination with frame frame with large cut-out.

- with white operation LED and 10 red status LEDs

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
Glass frame with large cut-out	1309 64 ..	257



Design	Order no.	PU
Berker S.1/B.3/B.7		
for white and polar white [1]	**7566 57 80**	1
for anthracite and aluminium [1]	**7566 57 85**	1
Berker K.1/K.5		
polar white [2]	**7566 57 70**	1
anthracite [2]	**7566 57 75**	1
aluminium [2]	**7566 57 74**	1
stainless steel [2]	**7566 57 73**	1

[1] labelling field length (W x H): 52.3 x 15.6 mm
[2] labelling field length (W x H): 66.8 x 15.7 mm

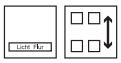
Berker S.1/B.3/B.7, Modul 2, Arsys - push-buttons

- For switch, push-button, dimmer and shutter functions
- Extension unit for light scene push-button
- With dismantling protection



Push-button 1gang comfort

- Labelling field
- Vertical operation



Operating temperature -5 ... +45 °C

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with green operation LED and 2 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740





Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 16 89**	1
anthracite matt	# **7516 16 85**	1
aluminium matt, lacquered	# **7516 16 83**	1
Modul 2		
white glossy	# **7516 16 12**	1
polar white glossy	# **7516 16 19**	1
Berker Arsys		
white glossy	**7516 16 42**	1
polar white glossy	**7516 16 49**	1
light bronze matt, lacquered	**7516 16 44**	1
stainless steel matt, lacquered	**7516 16 43**	1



Push-button 2gang comfort

- Labelling field
- Vertical operation

Operating temperature -5 ... +45 °C

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with green operation LED and 4 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740





Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 26 89**	1
anthracite matt	# **7516 26 85**	1
aluminium matt, lacquered	# **7516 26 83**	1
Modul 2		
white glossy	# **7516 26 12**	1
polar white glossy	# **7516 26 19**	1
Berker Arsys		
white glossy	**7516 26 42**	1
polar white glossy	**7516 26 49**	1
light bronze matt, lacquered	**7516 26 44**	1
stainless steel matt, lacquered	**7516 26 43**	1



Push-button 4gang comfort

- Labelling field
- Vertical operation

Operating temperature -5 ... +45 °C

- single and two push-button operation parameterisable
- lockable via 3-button actuation
- one push-button operation for switching, pushing, shutters and dimming
- second operating level via object or 3-button handle
- with green operation LED and 8 red status LEDs
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740





Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 46 89**	1
anthracite matt	# **7516 46 85**	1
aluminium, matt, lacquered	# **7516 46 83**	1
Modul 2		
white glossy	# **7516 46 12**	1
polar white glossy	# **7516 46 19**	1
Berker Arsys		
white glossy	**7516 46 42**	1
polar white glossy	**7516 46 49**	1
light bronze matt, lacquered	**7516 46 44**	1
stainless steel matt, lacquered	**7516 46 43**	1



Push-button 1gang

Operating temperature -5 ... +45 °C – dimming / position value transmitter 1 byte

Application as 7516 10..

Suitable for Bus coupling unit flush-mounted	Order no. 7504 00 01	Page 740

Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 11 89**	1
anthracite matt	# **7516 11 85**	1
aluminium matt, lacquered	# **7516 11 83**	1
Modul 2		
white glossy	# **7516 11 12**	1
polar white glossy	# **7516 11 19**	1





Berker Arsys		
white glossy	**7516 11 42**	1
polar white glossy	**7516 11 49**	1
light bronze matt, lacquered	**7516 11 44**	1
stainless steel matt, lacquered	**7516 11 43**	1



Push-button 2gang

Operating temperature -5 ... +45 °C – dimming / position value transmitter 1 byte

Application as 7516 20..

Suitable for Bus coupling unit flush-mounted	Order no. 7504 00 01	Page 740

Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 21 89**	1
anthracite matt	# **7516 21 85**	1
aluminium, matt, lacquered	# **7516 21 83**	1
Modul 2		
white glossy	# **7516 21 12**	1
polar white glossy	# **7516 21 19**	1





Berker Arsys		
white glossy	**7516 21 42**	1
polar white glossy	**7516 21 49**	1
light bronze matt, lacquered	**7516 21 44**	1
stainless steel matt, lacquered	**7516 21 43**	1



Push-button 4gang

Operating temperature -5 ... +45 °C – dimming / position value transmitter 1 byte

Application as 7516 40..

Suitable for Bus coupling unit flush-mounted	Order no. 7504 00 01	Page 740

Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 41 89**	1
anthracite matt	# **7516 41 85**	1
aluminium, matt, lacquered	# **7516 41 83**	1
Modul 2		
white glossy	# **7516 41 12**	1
polar white glossy	# **7516 41 19**	1



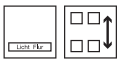


Berker Arsys		
white glossy	**7516 41 42**	1
polar white glossy	**7516 41 49**	1
light bronze matt, lacquered	**7516 41 44**	1
stainless steel matt, lacquered	**7516 41 43**	1



Push-button 1gang

- Labelling field
- Vertical operation



Operating temperature -5 ... +45 °C

- with green operation LED and red status LED
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
replacement		
Labelling field	7596 00 0 ..	749



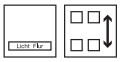


Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 10 89**	1
anthracite matt	# **7516 10 85**	1
aluminium matt, lacquered	# **7516 10 83**	1
Modul 2		
white glossy	# **7516 10 12**	1
polar white glossy	# **7516 10 19**	1
Berker Arsys		
white glossy	**7516 10 42**	1
polar white glossy	**7516 10 49**	1
light bronze matt, lacquered	**7516 10 44**	1
stainless steel matt, lacquered	**7516 10 43**	1



Push-button 2gang

- Labelling field
- Vertical operation



Operating temperature -5 ... +45 °C

- with green operation LED and 2 red status LEDs
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
replacement		
Labelling field	7596 00 0 ..	749



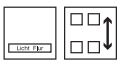


Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 20 89**	1
anthracite matt	# **7516 20 85**	1
aluminium matt, lacquered	# **7516 20 83**	1
Modul 2		
white glossy	# **7516 20 12**	1
polar white glossy	# **7516 20 19**	1
Berker Arsys		
white glossy	**7516 20 42**	1
polar white glossy	**7516 20 49**	1
light bronze matt, lacquered	**7516 20 44**	1
stainless steel matt, lacquered	**7516 20 43**	1



Push-button 4gang

- Labelling field
- Vertical operation



Operating temperature -5 ... +45 °C

- with green operation LED and 4 red status LEDs
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
replacement		
Labelling field	7596 00 0 ..	749

Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	# **7516 40 89**	1
anthracite matt	# **7516 40 85**	1
aluminium, matt, lacquered	# **7516 40 83**	1



Modul 2		
white glossy	# 7516 40 12	1
polar white glossy	# 7516 40 19	1



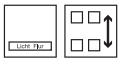
Berker Arsys		
white glossy	7516 40 42	1
polar white glossy	7516 40 49	1
light bronze matt, lacquered	7516 40 44	1
stainless steel matt, lacquered	7516 40 43	1

Berker S.1/B.3/B.7, Modul 2, Arsys - push-buttons for light scenes



Push-button 4gang for light scenes

- Labelling field
- Vertical operation



Number of load groups (increase on cascading)	8
Light scenes	max. 8
Operating temperature	-5 ... +45 °C

The settings of the individual load groups (light scenes) can be varied by way of the second operating level.

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- with green operation LED and 8 red status LEDs
- second operating level for setting load groups via 3-button actuation
- lockable via object
- dimming / position value transmitter 1 byte
- with anti-dismantling protection

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740

Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white matt	# 7516 87 89	1
anthracite matt	# 7516 87 85	1
aluminium matt, lacquered	# 7516 87 83	1
Modul 2		
white glossy	# 7516 87 12	1
polar white glossy	# 7516 87 19	1





Berker Arsys		
white glossy	7516 87 42	1
polar white glossy	7516 87 49	1
light bronze matt, lacquered	7516 87 44	1
stainless steel matt, lacquered	7516 87 43	1

Berker S.1/B.3/B.7, Modul 2, Arsys - accessories



Labelling field

Not suitable for Comfort push-buttons and push-buttons for light scenes.

- replacement

Suitable for	Order no.	Page
Push-button 1gang		page 748
Push-button 2gang		page 748
Push-button 4gang		page 748

Design	Order no.	PU
Berker S.1/B.3/B.7		
clear, transparent, for push-buttons, polar white	# 7596 00 07	1
smoked glass transparent, for push-buttons, anthracite	# 7596 00 08	1
clear, transparent, for push-buttons, aluminium	# 7596 00 09	1
Modul 2		
clear, transparent, for push-buttons, white	# 7596 00 01	1
clear, transparent, for push-buttons, polar white	# 7596 00 02	1
Berker Arsys		
clear, transparent, for push-buttons, white	7596 00 03	1
clear, transparent, for push-buttons, polar white	7596 00 06	1
brown transparent, for push-buttons, light bronze	7596 00 05	1
grey transparent, for push-buttons, stainless steel	7596 00 04	1





Berker Q.1/Q.3 - push-buttons with bus coupling unit

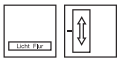
- For switch, push-button, dimmer and shutter functions
- Extension unit for light scene push-button
- With dismantling protection

New



Push-button 1gang comfort

- Labelling field
- integrated bus coupling unit



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 56.4 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- retrieval, adjustment and storage of 8 light scenes
- usable as thermostat extension unit
- with white operation LED and 2 amber status LEDs
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- cyclic transmission can also be started via switching object

Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 1gang	9498 29 01	753

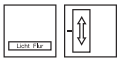
Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 13 29**	1
anthracite velvety	* **7514 13 26**	1

New



Push-button 2gang comfort

- Labelling fields
- integrated bus coupling unit



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 26.8 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- retrieval, adjustment and storage of 8 light scenes
- usable as thermostat extension unit
- with white operation LED and 4 amber status LEDs
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- cyclic transmission can also be started via switching object

Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 2gang, 3gang with thermostat	9498 30 02	753

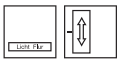
Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 23 29**	1
anthracite velvety	* **7514 23 26**	1

New



Push-button 3gang comfort

- Labelling fields
- integrated bus coupling unit



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 17 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- retrieval, adjustment and storage of 8 light scenes
- usable as thermostat extension unit
- with white operation LED and 6 amber status LEDs
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- cyclic transmission can also be started via switching object

Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat	9498 31 03	753

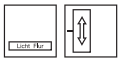
Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 33 29**	1
anthracite velvety	* **7514 33 26**	1

New



Push-button 4gang comfort

- Labelling fields
- integrated bus coupling unit



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 12 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- retrieval, adjustment and storage of 8 light scenes
- usable as thermostat extension unit
- with white operation LED and 8 amber status LEDs
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- cyclic transmission can also be started via switching object

Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 4gang	9498 32 04	754

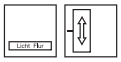
Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 43 29**	1
anthracite velvety	* **7514 43 26**	1

New



Push-button 1gang

- Labelling field
- integrated bus coupling unit



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 56.4 mm

- with white operation LED and 2 amber status LEDs
- dimming / position value transmitter 1 byte

Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 1gang	9498 29 01	753

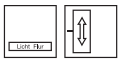
Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 12 29**	1
anthracite velvety	* **7514 12 26**	1

New



Push-button 2gang

- Labelling fields
- integrated bus coupling unit



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 26.8 mm

- with white operation LED and 4 amber status LEDs
- dimming / position value transmitter 1 byte

Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 2gang, 3gang with thermostat	9498 30 02	753

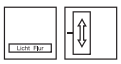
Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 22 29**	1
anthracite velvety	* **7514 22 26**	1

New



Push-button 3gang

- Labelling fields
- integrated bus coupling unit



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 17 mm

- with white operation LED and 6 amber status LEDs
- dimming / position value transmitter 1 byte

Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat	9498 31 03	753

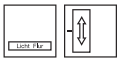
Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 32 29**	1
anthracite velvety	* **7514 32 26**	1

New



Push-button 4gang

- Labelling fields
- integrated bus coupling unit



- with white operation LED and 8 amber status LEDs
- dimming / position value transmitter 1 byte

Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 4gang	9498 32 04	754

Operating temperature	-5 ... +45 °C
Labelling field length (W x H)	56.4 x 12 mm

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7514 42 29**	1
anthracite velvety	* **7514 42 26**	1

Berker Q.1/Q.3 - push-buttons with thermostat and bus coupling unit

- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- For retrieval, saving and setting of 8 light scenes
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- LC display with symbol display
- With 2 additional function buttons for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- With room temperature timer
- For installation in single standard wall boxes
- For continuous (PI) or switched (2-point) control of max. 2 control circuits
- With dismantling protection
- With button blocking function
- End customer display scope parameterisable
- Separate object for window contact
- Programmable from ETS2, V1.2a
- Alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- Presence button parameterisable to extend comfort
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

New



Push-button 2gang with thermostat

- Labelling fields
- Display
- integrated bus coupling unit



- with white operation LED and 4 amber status LEDs

Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat	9498 31 03	753

Operating temperature	-5 ... +45 °C
Labelling field length (W x H)	56.4 x 17 mm

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7566 27 29**	1
anthracite velvety	* **7566 27 26**	1

New



Push-button 3gang with thermostat

- Labelling fields
- Display
- integrated bus coupling unit



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 26.8 mm

Use only in combination with frame frame with large cut-out.

– with white operation LED and 6 amber status LEDs

Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 2gang, 3gang with thermostat	9498 30 02	753

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7566 37 29**	1
anthracite velvety	* **7566 37 26**	1

New



Push-button 5gang with thermostat

- Labelling fields
- Display
- integrated bus coupling unit



Operating temperature -5 ... +45 °C
Labelling field length (W x H) 56.4 x 17 mm

Use only in combination with frame frame with large cut-out.

– with white operation LED and 10 amber status LEDs

Suitable for replacement	Order no.	Page
Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat	9498 31 03	753

Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**7566 57 29**	1
anthracite velvety	* **7566 57 26**	1

Berker Q.1/Q.3 - accessories



Labelling field foils for push-buttons 1gang

Suitable for inkjet and laser printers.
UV-resistant.
Template available as a download in Word format at www.berker.de.

– foil with 8 fields

Suitable for	Order no.	Page
Push-button 1gang	7514 12 2 ..	751
Push-button 1gang comfort	7514 13 2 ..	750

Design	Order no.	PU
polar white	**9498 29 01**	1



Labelling field foils for push-buttons 2gang, 3gang with thermostat

Suitable for inkjet and laser printers.
UV-resistant.
Template available as a download in Word format at www.berker.de.

– foil with 18 fields

Suitable for	Order no.	Page
Push-button 2gang	7514 22 2 ..	751
Push-button 2gang comfort	7514 23 2 ..	750
Push-button 3gang with thermostat	7566 37 2 ..	753

Design	Order no.	PU
polar white	**9498 30 02**	1



Labelling field foils for push-buttons 3gang, 2-/5gang with thermostat

Suitable for inkjet and laser printers.
UV-resistant.
Template available as a download in Word format at www.berker.de.

– foil with 30 fields

Suitable for	Order no.	Page
Push-button 3gang	7514 32 2 ..	751
Push-button 3gang comfort	7514 33 2 ..	750
Push-button 2gang with thermostat	7566 27 2 ..	752
Push-button 5gang with thermostat	7566 57 2 ..	753

Design	Order no.	PU
polar white	**9498 31 03**	1



Labelling field foils for push-buttons 4gang

Suitable for inkjet and laser printers.
UV-resistant.
Template available as a download in Word format at www.berker.de.

– foil with 42 fields

Suitable for	Order no.	Page
Push-button 4gang	7514 42 2 ..	752
Push-button 4gang comfort	7514 43 2 ..	751

Design	Order no.	PU
polar white	**9498 32 04**	1

Push-button with bus coupling unit

Flush-mounted installation.

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the corresponding sealing set, for WG UP IP44 with sealing flange, order no. 1884.



Push-button 1gang

- integrated bus coupling unit

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

– for switch and push-button functions
– with red programming LED and red status LED
– with programming button
– bus connection via connecting terminal

Use rockers from flush-mounted ranges.

Design	Order no.	PU
Push-button 1gang	**7514 10 00**	1



Group push-button 1gang

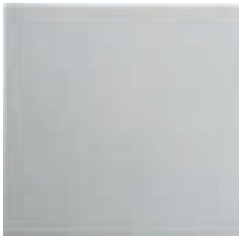
- integrated bus coupling unit

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

– for switch, push-button, dimmer and shutter functions
– with neutral-position
– with red programming LED and red status LED
– with programming button
– bus connection via connecting terminal

Use rockers from flush-mounted ranges.

Design	Order no.	PU
Group push-button 1gang	**7514 11 00**	1

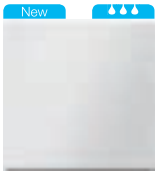


Rocker

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	754
Group push-button 1gang	7514 11 00	754

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1620 89 82**	10
polar white glossy	**1620 89 89**	10
polar white matt	**1620 19 09**	10
anthracite matt	**1620 16 06**	10
aluminium matt, lacquered	**1620 14 04**	10
polar white matt, Screw-on [1]	**1570 19 09**	10
anthracite matt, Screw-on [1]	**1570 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1570 14 04**	10
Modul 2		
white glossy	# **1620 02**	10
polar white glossy	# **1620 09**	10
white glossy, Screw-on [1]	# **1570 02**	10
polar white glossy, Screw-on [1]	# **1570 09**	10





Design		Order no.	PU
Berker Q.1/Q.3			
polar white velvety		**1620 60 89**	10
anthracite velvety, lacquered	*	**1620 60 86**	10



Berker K.1/K.5			
polar white glossy		**1405 70 09**	10
anthracite matt, lacquered		**1405 70 06**	10
Aluminium, aluminium anodised	*	**1405 70 03**	10
Stainless steel, metal matt finish		**1405 70 04**	10



Berker Arsys			
white glossy		**1405 00 02**	10
polar white glossy		**1405 00 69**	10
brown glossy		**1405 00 01**	10
light bronze matt, aluminium lacquered		**1404 00 01**	10
Stainless steel, metal matt finish		**1404 00 04**	10
gold matt, aluminium anodised		**1404 00 02**	10
Stainless steel, metal matt finish, Screw-on [1]		**1404 00 10**	10



Berker R.1/R.3			
polar white glossy	*	**1620 20 89**	10
black glossy	*	**1620 20 45**	10



Flush-mounted splash-protected IP44			
white glossy		**1550**	10
polar white glossy		**1550 09**	10
brown glossy		**1550 01**	10

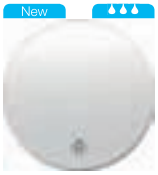
[1] with cover plug for screw fitting



Rocker with imprint symbol

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	754
Group push-button 1gang	7514 11 00	754

Design		Order no.	PU
Berker Q.1/Q.3			
polar white velvety, with imprinted symbol for light		**1620 60 49**	10
anthracite velvety, lacquered, with imprinted symbol for light	*	**1620 60 46**	10
polar white velvety, with imprinted symbol for bell		**1620 60 59**	10
anthracite velvety, lacquered, with imprinted symbol for bell	*	**1620 60 56**	10
polar white velvety, with imprinted symbol for door opener		**1620 60 69**	10
anthracite velvety, lacquered, with imprinted symbol for door opener	*	**1620 60 66**	10



Berker R.1/R.3			
polar white glossy, with imprinted symbol for light	*	**1620 20 79**	10
black glossy, with imprinted symbol for light	*	**1620 20 35**	10
polar white glossy, with imprinted symbol for bell	*	**1620 20 69**	10
black glossy, with imprinted symbol for bell	*	**1620 20 25**	10
polar white glossy, with imprinted symbol for door opener	*	**1620 20 59**	10
black glossy, with imprinted symbol for door opener	*	**1620 20 15**	10



Rocker

- Labelling field

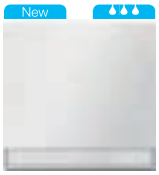
Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	754
Group push-button 1gang	7514 11 00	754

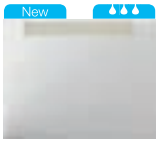
For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1626 89 82**	10
polar white glossy		**1626 89 89**	10
polar white matt		**1626 19 09**	10
anthracite matt		**1626 16 06**	10
aluminium matt, lacquered		**1626 14 04**	10
Modul 2			
white glossy [1]	#	**1626 62**	10
polar white glossy [1]	#	**1626 69**	10
Berker Q.1/Q.3			
polar white velvety		**1626 60 89**	10
anthracite velvety, lacquered	*	**1626 60 86**	10
Berker K.1/K.5			
polar white glossy		**1426 70 09**	10
anthracite matt, lacquered		**1426 70 06**	10
Aluminium, aluminium anodised	*	**1426 70 03**	10
Stainless steel, metal matt finish		**1426 70 04**	10
Berker Arsys			
white glossy		**1426 00 02**	10
polar white glossy		**1426 00 69**	10
brown glossy		**1426 00 01**	10
light bronze matt, aluminium lacquered		**1436 00 01**	10
Stainless steel, metal matt finish		**1436 00 04**	10
gold matt, aluminium anodised		**1436 00 02**	10
Flush-mounted splash-protected IP44			
white glossy [1]		**1629**	10
polar white glossy [1]		**1629 09**	10
brown glossy [1]		**1629 01**	10











[1] labelling field height arranged for 9 mm P-touch strips



Rocker

- Full-surface labelling field

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	754
Group push-button 1gang	7514 11 00	754

For labelling with names, notes etc.

Labelling field height designed for two 24 mm P-touch strips.

Design	Order no.	PU
Berker Arsys		
clear, with white labelling field	**1487 00**	10



Rocker

- Lens

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

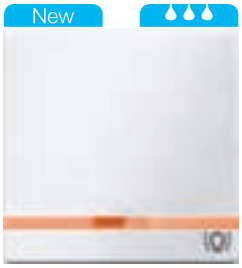
– for illumination and monitoring circuit

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	754
Group push-button 1gang	7514 11 00	754

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1621 89 82**	10
polar white glossy		**1621 89 89**	10
polar white matt		**1621 19 09**	10
anthracite matt		**1621 16 06**	10
aluminium matt, lacquered		**1621 14 04**	10
polar white matt, Screw-on [1]		**1572 19 09**	10
anthracite matt, Screw-on [1]		**1572 16 06**	10
aluminium matt, lacquered, Screw-on [1]		**1572 14 04**	10
Modul 2			
white glossy	#	**1621 22**	10
polar white glossy	#	**1621 19**	10
white glossy, Screw-on [1]	#	**1572 02**	10
polar white glossy, Screw-on [1]	#	**1572 09**	10
Berker Q.1/Q.3			
polar white velvety [2]		**1621 60 89**	10
anthracite velvety, lacquered [2]	*	**1621 60 86**	10
Berker K.1/K.5			
polar white glossy		**1415 70 09**	10
anthracite matt, lacquered		**1415 70 06**	10
Aluminium, aluminium anodised	*	**1415 70 03**	10
Stainless steel, metal matt finish		**1415 70 04**	10
Berker Arsys			
white glossy		**1415 00 02**	10
polar white glossy		**1415 00 69**	10
brown glossy		**1415 00 01**	10
light bronze matt, aluminium lacquered		**1416 00 01**	10
Stainless steel, metal matt finish		**1416 00 04**	10
gold matt, aluminium anodised		**1416 00 02**	10
Stainless steel, metal matt finish, Screw-on [1]		**1414 00 10**	10
Berker R.1/R.3			
polar white glossy [3]	*	**1621 20 89**	10
black glossy [3]	*	**1621 20 45**	10
Flush-mounted splash-protected IP44			
white glossy		**1553**	10
polar white glossy		**1553 09**	10
brown glossy		**1553 11**	10

[1] with cover plug for screw fitting
[2] only orange and clear lenses enclosed
[3] with clear lens only

New



Rocker with imprinted symbol for light

- Lens



Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

– for illumination and monitoring circuit

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	754
Group push-button 1gang	7514 11 00	754

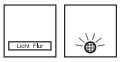
Design	Order no.	PU
Berker Q.1/Q.3		
polar white velvety	**1621 60 79**	10
anthracite velvety, lacquered	* **1621 60 76**	10
Berker R.1/R.3		
polar white glossy [1]	* **1621 20 79**	10
black glossy [1]	* **1621 20 35**	10

[1] with clear lens only



Rocker

- Labelling field
- Lens



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

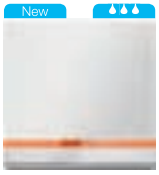
– for illumination and monitoring circuit

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	754
Group push-button 1gang	7514 11 00	754

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1628 89 82**	10
polar white glossy	**1628 89 89**	10
polar white matt	**1628 19 09**	10
anthracite matt	**1628 16 06**	10
aluminium matt, lacquered	**1628 14 04**	10
Modul 2		
white glossy [1]	# **1628 02**	10
polar white glossy [1]	# **1628 09**	10



New



Berker Q.1/Q.3		
polar white velvety [2]	**1628 60 89**	10
anthracite velvety, lacquered [2]	* **1628 60 86**	10

New



Berker K.1/K.5		
polar white glossy [3]	**1415 71 09**	10
anthracite matt, lacquered [3]	**1415 71 06**	10
Aluminium, aluminium anodised [3]	* **1415 71 03**	10
Stainless steel, metal matt finish [3]	**1415 71 04**	10



Berker Arsys		
white glossy	**1415 02 02**	10
polar white glossy	**1415 02 69**	10
brown glossy	**1415 02 01**	10
light bronze matt, aluminium lacquered	**1416 02 01**	10
Stainless steel, metal matt finish	**1416 02 04**	10

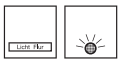
[1] labelling field height arranged for 9 mm P-touch strips
[2] only orange and clear lenses enclosed
[3] lenses with symbol for light, bell, door opener, also neutral in clear and red enclosed

New



Rocker with imprinted symbol for bell

- Labelling field
- Lens



For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.
Lenses available in orange and clear.
The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

– for illumination and monitoring circuit

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	754
Group push-button 1gang	7514 11 00	754

Design		Order no.	PU
Berker Q.1/Q.3			
polar white velvety		**1628 60 79**	10
anthracite velvety, lacquered	*	**1628 60 76**	10



Rocker

- Large labelling field
- Lens



Labelling field (W x H) ≈ 50.8 x 25.5 mm

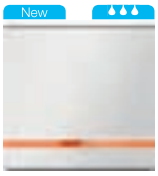
Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

– for illumination and monitoring circuit

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	754
Group push-button 1gang	7514 11 00	754

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy [1]		**1696 89 82**	10
polar white glossy [1]		**1696 89 89**	10
polar white matt [1]		**1696 19 09**	10
anthracite matt [1]		**1696 16 06**	10
aluminium matt, lacquered [1]		**1696 14 04**	10
Berker Q.1/Q.3			
polar white velvety [2]		**1696 60 89**	10
anthracite velvety, lacquered [2]	*	**1696 60 86**	10

New



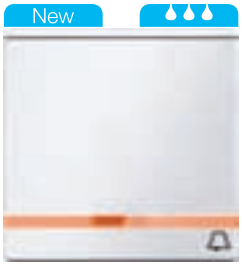
New



Berker K.1/K.5			
polar white glossy [3]		**1496 70 09**	10
anthracite matt, lacquered [3]		**1496 70 06**	10
aluminium matt, lacquered [3]	*	**1496 70 03**	10
stainless steel matt, lacquered [3]		**1496 70 04**	10

[1] labelling field height arranged for two 12 mm P-touch strips
[2] labelling field height arranged for two 18 mm P-touch strips, only orange and clear lenses enclosed
[3] labelling field height arranged for two 9 mm P-touch strips

New



Rocker with imprinted symbol for bell

- Large labelling field
- Lens

Licht Flur

Labelling field (W x H) ≈ 54.8 x 42.8 mm

For labelling with names, notes etc.

Labelling field height designed for two 18 mm P-touch strips.

Lenses available in orange and clear.

The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

– for illumination and monitoring circuit

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	754
Group push-button 1gang	7514 11 00	754

Design		Order no.	PU
Berker Q.1/Q.3			
polar white velvety		**1696 60 79**	10
anthracite velvety, lacquered	*	**1696 60 76**	10



Rocker with imprint “0”

- Red lens

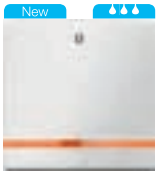
– for illumination and monitoring circuit

Suitable for	Order no.	Page
Group push-button 1gang	7514 11 00	754

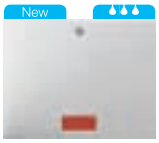
Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1624 89 82**	10
polar white glossy		**1624 89 89**	10
polar white matt		**1624 19 09**	10
anthracite matt		**1624 16 06**	10
aluminium matt, lacquered		**1624 14 04**	10
polar white matt, Screw-on [1]		**1577 19 09**	10
anthracite matt, Screw-on [1]		**1577 16 06**	10
aluminium matt, lacquered, Screw-on [1]		**1577 14 04**	10
Modul 2			
white glossy	#	**1624 62**	10
polar white glossy	#	**1624 69**	10
white glossy, Screw-on [1]	#	**1577 02**	10
polar white glossy, Screw-on [1]	#	**1577 09**	10
Berker Q.1/Q.3			
polar white velvety [2]		**1624 60 89**	10
anthracite velvety, lacquered [2]	*	**1624 60 86**	10



New



New





New



Berker K.1/K.5			
polar white glossy		**1417 71 09**	10
anthracite matt, lacquered		**1417 71 06**	10
Aluminium, aluminium anodised	*	**1417 71 03**	10
Stainless steel, metal matt finish		**1417 71 04**	10
Berker Arsys			
white glossy		**1417 00 02**	10
polar white glossy		**1417 00 69**	10
brown glossy		**1417 00 01**	10
light bronze matt, aluminium lacquered		**1418 00 01**	10
Stainless steel, metal matt finish		**1418 00 04**	10
Berker R.1/R.3			
polar white glossy [3]	*	**1624 20 89**	10
black glossy [3]	*	**1624 20 45**	10



Design		Order no.	PU
Flush-mounted splash-protected IP44			
white glossy		**1558**	10
polar white glossy		**1558 09**	10
brown glossy		**1558 01**	10

[1] with cover plug for screw fitting
[2] with orange lens
[3] with clear lens

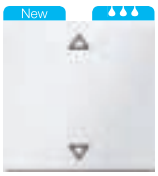


Rocker with imprinted arrows symbol

	Suitable for	Order no.	Page
	Group push-button 1gang	7514 11 00	754



Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1620 89 12**	10
polar white glossy		**1620 89 19**	10
polar white matt		**1620 19 19**	10
anthracite matt		**1620 16 16**	10
aluminium matt, lacquered		**1620 14 14**	10
Modul 2			
white glossy	#	**1620 22**	10
polar white glossy	#	**1620 29**	10



Berker Q.1/Q.3			
polar white velvety		**1620 60 79**	10
anthracite velvety, lacquered	*	**1620 60 76**	10



Berker K.1/K.5			
polar white glossy		**1405 71 09**	10
anthracite matt, lacquered		**1405 71 06**	10
Aluminium, aluminium anodised	*	**1405 71 03**	10
Stainless steel, metal matt finish		**1405 71 04**	10
Berker Arsys			
white glossy		**1405 03 02**	10
polar white glossy		**1405 03 69**	10
brown glossy		**1405 03 01**	10
light bronze matt, aluminium lacquered		**1404 03 01**	10
Stainless steel, metal matt finish		**1404 03 04**	10
gold matt, aluminium anodised		**1404 03 02**	10



Berker R.1/R.3			
polar white glossy	*	**1620 20 49**	10
black glossy	*	**1620 20 05**	10



Rocker with imprint “Heizung Notschalter”

- Red lens

	Suitable for	Order no.	Page
	Push-button 1gang	7514 10 00	754
	Group push-button 1gang	7514 11 00	754

Or use glass pane-protected heating emergency switch from programme ranges Arsys, flush-mounted splash-protected IP44, Aquatec IP44.

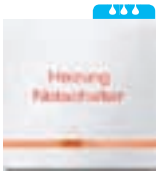
Not suitable for heating systems > 50 kW.

Design	Order no.	PU
Berker S.1/B.3/B.7		
red glossy	**1621 89 02**	10
red matt	**1621 19 02**	10



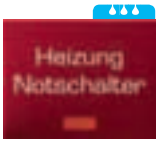
Modul 2

white glossy	#	**1707 02**	10
polar white glossy	#	**1707 09**	10



Berker Q.1/Q.3

polar white velvety [1]		**1621 60 69**	10



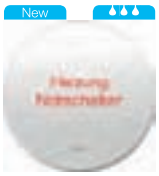
Berker K.1/K.5

red glossy		**1488 71 15**	10



Berker Arsys

red glossy		**1488 00 62**	10



Berker R.1/R.3

polar white glossy [2]	*	**1621 20 49**	10



Flush-mounted splash-protected IP44

white glossy		**1568**	10
polar white glossy		**1568 09**	10
brown glossy		**1568 01**	10

[1] with orange lens
[2] with clear lens



Centre plate with glass plate

- Rocker

Suitable for	Order no.	Page
Push-button 1gang	7514 10 00	754
Group push-button 1gang	7514 11 00	754

The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

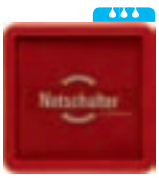
Housing screws made of stainless steel.

Adhesive label sheets, text white: “Notschalter”, “Rauch-abzug”, “Feuerschutztür schließen”, “Feuerabschluss schließen”, “Heizung”, “Lichtkuppel”, “Hausalarm” and “Öffnen”.

Not suitable for heating systems > 50 kW.

In case of danger break glass and press rocker!

Design	Order no.	PU
Berker Arsys		
red glossy	**1297 00 00**	10
Flush-mounted splash-protected IP44		
red glossy	**1295**	10





Rocker with imprint “Heizung Notschalter - 0”

- Red lens

– with imprint “0”

Suitable for	Order no.	Page
Group push-button 1gang	7514 11 00	754

Or use glass pane-protected heating emergency switch.

Not suitable for heating systems > 50 kW.



Design		Order no.	PU
Modul 2			
white glossy	#	**1708 02**	10
polar white glossy	#	**1708 09**	10
Flush-mounted splash-protected IP44			
white glossy		**1569**	10
polar white glossy		**1569 09**	10
brown glossy		**1569 01**	10



Push-button 2gang

- integrated bus coupling unit

– for switch, push-button, dimmer and shutter functions
– with red programming LED and 2 red status LEDs
– with programming button
– bus connection via connecting terminal

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

Use rockers from flush-mounted ranges.

Design	Order no.	PU
Push-button 2gang	**7514 20 00**	1



Group push-button 2gang

- integrated bus coupling unit

– for switch, push-button, dimmer and shutter functions
– with neutral-position
– with red programming LED and 2 red status LEDs
– with programming button
– bus connection via connecting terminal

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

Use rockers from flush-mounted ranges.

Design	Order no.	PU
Group push-button 2gang	**7514 21 00**	1



Rocker 2gang

Suitable for	Order no.	Page
Push-button 2gang	7514 20 00	763
Group push-button 2gang	7514 21 00	763

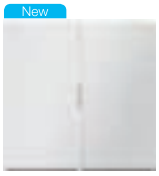
Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1623 89 82**	10
polar white glossy	**1623 89 89**	10
polar white matt	**1623 19 09**	10
anthracite matt	**1623 16 06**	10
aluminium matt, lacquered	**1623 14 04**	10
polar white matt, Screw-on [1]	**1571 19 09**	10
anthracite matt, Screw-on [1]	**1571 16 06**	10
aluminium matt, lacquered, Screw-on [1]	**1571 14 04**	10



Modul 2

white glossy	#	**1623 02**	10
polar white glossy	#	**1623 09**	10

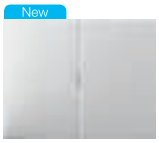
New



Berker Q.1/Q.3

polar white velvety		**1623 60 89**	10
anthracite velvety, lacquered	*	**1623 60 86**	10

New



Berker K.1/K.5

polar white glossy		**1435 70 09**	10
anthracite matt, lacquered		**1435 70 06**	10
Aluminium, aluminium anodised	*	**1435 70 03**	10
Stainless steel, metal matt finish		**1435 70 04**	10



Berker Arsys

white glossy		**1435 00 02**	10
polar white glossy		**1435 00 69**	10
brown glossy		**1435 00 01**	10
light bronze matt, aluminium lacquered		**1434 00 01**	10
Stainless steel, metal matt finish		**1434 00 04**	10
Stainless steel, metal matt finish, Screw-on [1]		**1434 00 10**	10

New



Berker R.1/R.3

polar white glossy	*	**1623 20 89**	10
black glossy	*	**1623 20 45**	10



Flush-mounted splash-protected IP44

white glossy		**1552**	10
polar white glossy		**1552 09**	10
brown glossy		**1552 11**	10

[1] with cover plug for screw fitting



Rocker 2gang

- Red lens



– for illumination and monitoring circuit

Suitable for	Order no.	Page
Push-button 2gang	7514 20 00	763
Group push-button 2gang	7514 21 00	763

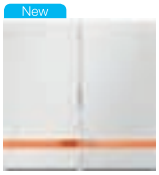
Design	Order no.	PU
Berker S.1/B.3/B.7		
Rocker 2gang, white glossy	**1627 89 82**	10
Rocker 2gang, polar white glossy	**1627 89 89**	10
Rocker 2gang, polar white matt	**1627 19 09**	10
Rocker 2gang, anthracite matt	**1627 16 06**	10
Rocker 2gang, aluminium matt, lacquered	**1627 14 04**	10



Modul 2

Rocker 2gang, white glossy	#	**1627 02**	10
Rocker 2gang, polar white glossy	#	**1627 09**	10

New



Berker Q.1/Q.3

Rocker 2gang, polar white velvety [1]		**1627 60 89**	10
Rocker 2gang, anthracite velvety, lacquered [1]	*	**1627 60 86**	10

New





New



Design	Order no.	PU
Berker K.1/K.5		
Rocker 2gang, polar white glossy	**1437 70 09**	10
Rocker 2gang, anthracite matt, lacquered	**1437 70 06**	10
Rocker 2gang, aluminium matt, lacquered	* **1437 70 03**	10
Rocker 2gang, stainless steel matt, lacquered	**1437 70 04**	10
Berker Arsys		
Rocker 2gang, white glossy	**1437 00 02**	10
Rocker 2gang, polar white glossy	**1437 00 69**	10
Rocker 2gang, brown glossy	**1437 00 01**	10
Berker R.1/R.3		
Rocker 2gang, polar white glossy [2]	* **1627 20 89**	10
Rocker 2gang, black glossy [2]	* **1627 20 45**	10

[1] with orange and clear lens
[2] with clear lens



Rocker 2gang with imprinted arrow symbol

Suitable for Push-button 2gang | **Order no.** 7514 20 00 | **Page** 763

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**1625 89 82**	10
polar white glossy	**1625 89 89**	10
polar white matt	**1625 19 09**	10
anthracite matt	**1625 16 06**	10
aluminium matt, lacquered	**1625 14 04**	10
Modul 2		
white glossy	# **1625 12**	10
polar white glossy	# **1625 19**	10

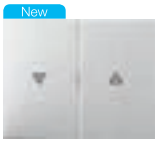


New



Berker Q.1/Q.3		
polar white velvety	**1625 60 89**	10
anthracite velvety, lacquered	* **1625 60 86**	10

New





Berker K.1/K.5		
polar white glossy	**1435 71 09**	10
anthracite matt, lacquered	**1435 71 06**	10
Aluminium, aluminium anodised	* **1435 71 03**	10
Stainless steel, metal matt finish	**1435 71 04**	10
Berker Arsys		
white glossy	**1435 01 02**	10
polar white glossy	**1435 01 69**	10
brown glossy	**1435 01 01**	10
Stainless steel, metal matt finish	**1434 01 04**	10
gold matt, aluminium anodised	**1434 01 02**	10
Berker R.1/R.3		
polar white glossy	* **1625 20 89**	10
black glossy	* **1625 20 45**	10

New





Flush-mounted splash-protected IP44		
white glossy	**1552 22**	10
polar white glossy	**1552 29**	10
brown glossy	**1552 21**	10

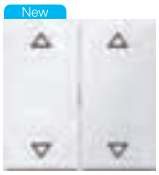


Rocker 2gang with imprinted arrows symbol

		Suitable for Group push-button 2gang	Order no. 7514 21 00	Page 763
Design		Order no.		PU
Berker S.1/B.3/B.7				
white glossy		**1644 89 82**		10
polar white glossy		**1644 89 89**		10
polar white matt		**1644 19 09**		10
anthracite matt		**1644 16 06**		10
aluminium matt, lacquered		**1644 14 04**		10
Modul 2				
white glossy	#	**1644 02**		10
polar white glossy	#	**1644 09**		10

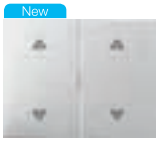


New



Berker Q.1/Q.3		
polar white velvety		**1644 60 89**	10
anthracite velvety, lacquered	*	**1644 60 86**	10

New



Berker K.1/K.5		
polar white glossy		**1435 72 09**	10
anthracite matt, lacquered		**1435 72 06**	10
Aluminium, aluminium anodised	*	**1435 72 03**	10
Stainless steel, metal matt finish		**1435 72 04**	10
Berker Arsys			
white glossy		**1435 03 02**	10
polar white glossy		**1435 03 69**	10
brown glossy		**1435 03 01**	10
light bronze matt, aluminium lacquered		**1434 03 01**	10
Stainless steel, metal matt finish		**1434 03 04**	10
gold matt, aluminium anodised		**1434 03 02**	10



New



Berker R.1/R.3		
polar white glossy	*	**1644 20 89**	10
black glossy	*	**1644 20 45**	10

Surface-mounted wet-room installation



Push-button 1gang surface-mounted

- integrated bus coupling unit



Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C

- for switch and push-button functions
- with red programming LED and red status LED
- with programming button
- bus connection via connecting terminal
- Wago clip-in 3-wire connection terminal for wiring

Degree of protection IP44 with mounted rocker.

Design	Order no.	PU
Aquatec IP44		
light grey	**7519 10 00**	1



Group push-button 1gang surface mounted

- integrated bus coupling unit

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 108 mW
Operating temperature	-5 ... +45 °C

Degree of protection IP44 with mounted rocker.

- for switch, push-button, dimmer and shutter functions
- with neutral-position
- with red programming LED and red status LED
- with programming button
- bus connection via connecting terminal
- Wago clip-in 3-wire connection terminal for wiring

Design	Order no.	PU
Aquatec IP44		
light grey	**7519 11 00**	1



Rocker

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Push-button 1gang surface-mounted	7519 10 00	766
Group push-button 1gang surface mounted	7519 11 00	767

Design	Order no.	PU
Aquatec IP44		
grey	**7599 10 00**	10



Rocker

- Lens

Lenses with symbol for light, bell, door and neutral in clear, also neutral in red transparent.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Push-button 1gang surface-mounted	7519 10 00	766
Group push-button 1gang surface mounted	7519 11 00	767

Design	Order no.	PU
Aquatec IP44		
grey	**7599 11 00**	10



Rocker

- Labelling field

For labelling with names, notes etc.

Labelling field height designed for 6 mm P-touch strip.

- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Push-button 1gang surface-mounted	7519 10 00	766
Group push-button 1gang surface mounted	7519 11 00	767

Design	Order no.	PU
Aquatec IP44		
grey	**7599 13 00**	10



Rocker with imprinted arrows symbol

- also for KNX applications: group push-button, 1gang

Suitable for	Order no.	Page
Group push-button 1gang surface mounted	7519 11 00	767

Design	Order no.	PU
Aquatec IP44		
grey	**7599 12 00**	10



Centre plate with glass plate

- Rocker

The cover can be replaced with the standard rocker on all rocker switches and rocker push-buttons in this range.

Housing screws made of stainless steel.

Adhesive label sheets, text white: “Notschalter”, “Rauchabzug”, “Feuerschutztür schließen”, “Feuerabschluss schließen”, “Heizung”, “Lichtkuppel”, “Hausalarm” and “Öffnen”.

Not suitable for heating systems > 50 kW.

In case of danger break glass and press rocker!

Suitable for	Order no.	Page
Push-button 1gang surface-mounted	7519 10 00	766
On/off switch 2pole with upper casing and imprint “0 - 1” surface-mounted	6130 72 15	624
Change-over switch with upper casing surface-mounted	6130 76 15	621
Intermediate switch with upper casing surface-mounted	6130 77 15	621
Control on/off switch with upper casing and imprint “0” surface-mounted	6131 7 ..	622
Push-button, change-over contact with upper casing, surface-mounted	6150 76 15	623
Group push-button 1gang surface mounted	7519 11 00	767

Design	Order no.	PU
Aquatec IP44		
red	**1290 99 05**	10



Push-button 2gang surface-mounted

- integrated bus coupling unit

Operating voltage over bus 21 ... 32 V=
Power consumption, KNX ≈ 108 mW
Operating temperature -5 ... +45 °C

Degree of protection IP44 with mounted rocker.

- for switch, push-button, dimmer and shutter functions
- with red programming LED and 2 red status LEDs
- with programming button
- bus connection via connecting terminal
- Wago clip-in 3-wire connection terminal for wiring

Design	Order no.	PU
Aquatec IP44		
light grey	**7519 20 00**	1



Surface mounted group push-button 2gang

- integrated bus coupling unit

Operating voltage over bus 21 ... 32 V=
Power consumption, KNX ≈ 108 mW
Operating temperature -5 ... +45 °C

Degree of protection IP44 with mounted rocker.

- for switch, push-button, dimmer and shutter functions
- with neutral-position
- with red programming LED and 2 red status LEDs
- with programming button
- bus connection via connecting terminal
- Wago clip-in 3-wire connection terminal for wiring

Design	Order no.	PU
Aquatec IP44		
light grey	**7519 21 00**	1



Rocker 2gang

- also for KNX applications: push-button, 2gang, and group push-button, 2gang

Suitable for	Order no.	Page
Push-button 2gang surface-mounted	7519 20 00	768
Surface mounted group push-button 2gang	7519 21 00	768

Design	Order no.	PU
Aquatec IP44		
grey	**7599 20 00**	10



Rocker 2gang with imprinted arrow symbol

– also for KNX applications: push-button, 2gang

Suitable for	Order no.	Page
Push-button 2gang surface-mounted	7519 20 00	768

Design	Order no.	PU
Aquatec IP44		
grey	**7599 21 00**	10



Rocker 2gang with imprinted arrows symbol

– also for KNX applications: group push-button, 2gang

Suitable for	Order no.	Page
Surface mounted group push-button 2gang	7519 21 00	768

Design	Order no.	PU
Aquatec IP44		
grey	**7599 22 00**	10

Berker R.1/R.3 - push-buttons/touch sensors

Push-buttons comfort

– For additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3



Push-button module 1gang comfort

- integrated bus coupling unit

Insertion depth	18.4 mm
Operating temperature	-5 ... +45 °C
Operating voltage over bus	21 ... 21 V=

– for switch, push-button, dimmer and shutter functions
– extension unit for light scene push-button
– with white operation LED and 2 RGB status LEDs (amber/green/blue)
– LED colour, brightness and display function adjustable for status LED, e.g. for day/night operation
– single and two push-button operation parameterisable
– one push-button operation for switching, pushing, shutters and dimming
– second operating channel can be set per button for switching or value transmitter
– activation of second user level via object
– value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Design	Order no.	PU
Push-button module 1gang comfort	**7504 10 04**	1



Touch cover 1gang for push-button module

- Clear lenses

– with 2 clear lenses for the RGB status display of the push-button module

Design	Order no.	PU
Berker R.1/R.3		
polar white glossy	**7516 18 69**	1
black glossy	**7516 18 65**	1



Push-button module 2gang comfort

- integrated bus coupling unit

Insertion depth	18.4 mm
Operating temperature	-5 ... +45 °C
Operating voltage over bus	32 ... 32 V=

- for switch, push-button, dimmer and shutter functions
- extension unit for light scene push-button
- with white operation LED and 4 RGB status LEDs (amber/green/blue)
- LED colour, brightness and display function adjustable for status LED, e.g. for day/night operation
- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- second operating channel can be set per button for switching or value transmitter
- activation of second user level via object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Design	Order no.	PU
Push-button module 2gang comfort	**7504 20 04**	1



Touch cover 2gang for push-button module

- Clear lenses

- with 4 clear lenses for the RGB status display of the push-button module

Design	Order no.	PU
Berker R.1/R.3		
polar white glossy	**7516 28 69**	1
black glossy	**7516 28 65**	1

Touch sensors comfort

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer and shutter functions
- Single and two push-button operation parameterisable
- Retrieval, setting and storing of 8 light scenes
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Provision of the internal temperature value via communication object
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Bus connection via connecting terminal
- For mounting on a double box, e.g. order no. 1809 (flush mounting) or 1824 (hollow wall mounting)
- For vertical mounting
- With dismantling protection via a screw on the fastening ring
- For individually labelled glass and touch sensors (configured variations), the new Web Configurator generates a layout number, which must be additionally specified when placing the order.
- Many options for labelling (text and/or icons) will be available **from August 2013** via the **new web configurator** at www.berker.com

New



Touch sensor 1gang comfort

i 919

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

- with blue operation LED and 2 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same “style” for additional applications, see the Design line R.x

Suitable for optional	Order no.	Page
Temperature sensor	161	150
Wall box	1809	545
Wall box for installation in hollow walls	1824	545

Design	Order no.	PU
Berker R.1		
glass polar white	* **7514 18 60**	1
glass black	* **7514 18 65**	1

New



Berker R.1 - configured		
glass polar white	* **7514 11 60**	1
glass black	* **7514 11 65**	1
Berker R.3		
glass polar white	* **7514 18 50**	1
glass black	* **7514 18 55**	1
Berker R.3 - configured		
glass polar white	* **7514 11 50**	1
glass black	* **7514 11 55**	1

New



Touch sensor 2gang comfort

i 919

- integrated bus coupling unit



Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same “style” for additional applications, see the Design line R.x

Suitable for optional	Order no.	Page
Temperature sensor	161	150
Wall box	1809	545
Wall box for installation in hollow walls	1824	545

Design	Order no.	PU
Berker R.1		
glass polar white	* **7514 28 60**	1
glass black	* **7514 28 65**	1
Berker R.1 - configured		
glass polar white	* **7514 21 60**	1
glass black	* **7514 21 65**	1
Berker R.3		
glass polar white	* **7514 28 50**	1
glass black	* **7514 28 55**	1
Berker R.3 - configured		
glass polar white	* **7514 21 50**	1
glass black	* **7514 21 55**	1

New



New



Touch sensor 3gang comfort

i 919

- integrated bus coupling unit



Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same “style” for additional applications, see the Design line R.x

Suitable for optional	Order no.	Page
Temperature sensor	161	150
Wall box	1809	545
Wall box for installation in hollow walls	1824	545

Design	Order no.	PU
Berker R.1		
glass polar white	* **7514 38 60**	1
glass black	* **7514 38 65**	1
Berker R.1 - configured		
glass polar white	* **7514 31 60**	1
glass black	* **7514 31 65**	1

New



Design	Order no.	PU
Berker R.3		
glass polar white	* **7514 38 50**	1
glass black	* **7514 38 55**	1
Berker R.3 - configured		
glass polar white	* **7514 31 50**	1
glass black	* **7514 31 55**	1

New



Touch sensor 4gang comfort

i **919**

- integrated bus coupling unit



Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

- with blue operation LED and 8 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same “style” for additional applications, see the Design line R.x

Suitable for optional	**Order no.**	**Page**
Temperature sensor	161	150
Wall box	1809	545
Wall box for installation in hollow walls	1824	545

Design	Order no.	PU
Berker R.1		
glass polar white	* **7514 48 60**	1
glass black	* **7514 48 65**	1
Berker R.1 - configured		
glass polar white	* **7514 41 60**	1
glass black	* **7514 41 65**	1

New



Berker R.3		
glass polar white	* **7514 48 50**	1
glass black	* **7514 48 55**	1
Berker R.3 - configured		
glass polar white	* **7514 41 50**	1
glass black	* **7514 41 55**	1

Touch sensors with thermostat

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Operating modes: comfort, standby, night operation and frost/heat protection adjustable
- LED display with symbol display
- With 2 additional sensor surfaces for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Provision of the internal temperature value via communication object
- Temperature control via local measurement or measured value via object
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Separate auxiliary power supply needed
- Operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- Bus connection via connecting terminal
- For mounting on a double box, e.g. order no. 1809 (flush mounting) or 1824 (hollow wall mounting)
- For vertical mounting
- With dismantling protection via a screw on the fastening ring
- For individually labelled glass and touch sensors (configured variations), the new Web Configurator generates a layout number, which must be additionally specified when placing the order.
- Many options for labelling (text and/or icons) will be available **from August 2013** via the **new web configurator** at www.berker.com

New



Touch sensor 2gang with thermostat

i 919

- integrated bus coupling unit



Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

Only suitable for KNX.

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same “style” for additional applications, see the Design line R.x

Suitable for	Order no.	Page
Berker IOS electrical power supply 24 V DC RMD	7591 00 03	788
optional		
Temperature sensor	161	150
Wall box	1809	545
Wall box for installation in hollow walls	1824	545

Design	Order no.	PU
Berker R.1		
glass polar white	* **7564 20 60**	1
glass black	* **7564 20 65**	1
Berker R.1 - configured		
glass polar white	* **7564 21 60**	1
glass black	* **7564 21 65**	1

New



Berker R.3		
glass polar white	* **7564 20 50**	1
glass black	* **7564 20 55**	1
Berker R.3 - configured		
glass polar white	* **7564 21 50**	1
glass black	* **7564 21 55**	1

New



Touch sensor 3gang with thermostat

i 919

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	81 x 152 x 10 mm

Only suitable for KNX.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform R.1/R.3
- for suitable frames in the same “style” for additional applications, see the Design line R.x

Suitable for	Order no.	Page
Berker IOS electrical power supply 24 V DC RMD	7591 00 03	788
optional		
Temperature sensor	161	150
Wall box	1809	545
Wall box for installation in hollow walls	1824	545

Design	Order no.	PU
Berker R.1		
glass polar white	* **7564 30 60**	1
glass black	* **7564 30 65**	1
Berker R.1 - configured		
glass polar white	* **7564 31 60**	1
glass black	* **7564 31 65**	1

New



Berker R.3		
glass polar white	* **7564 30 50**	1
glass black	* **7564 30 55**	1
Berker R.3 - configured		
glass polar white	* **7564 31 50**	1
glass black	* **7564 31 55**	1

Berker B.IQ

- For suitable frames in the same “style” for additional applications, see the Design line B.7
- For additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x

Push-buttons

- For switch, push-button, dimmer and shutter functions
- Extension unit for light scene push-button
- For installation in single standard wall boxes
- With dismantling protection



Bus coupling unit flush-mounted

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 100 mW
Operating temperature	-5 ... +45 °C
Insertion depth	23 mm

- with programming button and red programming LED
- as interface between KNX user module and bus line
- bus connection via connecting terminal
- without spreader claws

Suitable for optional	Order no.	Page
Protective cover	7500 00 07	836
Blind plug for bus coupling unit	7594 02 ..	836

Design	Order no.	PU
Bus coupling unit flush-mounted	**7504 00 01**	1

New



B.IQ push-button 1gang comfort

i 920

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 88.5 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with blue operation LED and 2 white status LEDs (labelling field lighting)
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 774
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	537

Design		Order no.	PU
polar white matt		**7516 15 99**	1
Aluminium, aluminium anodised	*	**7516 15 94**	1
Stainless steel, metal brushed		**7516 15 93**	1
glass polar white	*	**7516 15 90**	1
glass black	*	**7516 15 92**	1

New



B.IQ push-button 2gang comfort

i 920

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 88.5 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with blue operation LED and 4 white status LEDs (labelling field lighting)
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 774
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	537

Design		Order no.	PU
polar white matt		**7516 25 99**	1
Aluminium, aluminium anodised	*	**7516 25 94**	1
Stainless steel, metal brushed		**7516 25 93**	1
glass polar white	*	**7516 25 90**	1
glass black	*	**7516 25 92**	1

New



B.IQ push-button 3gang comfort

i 920

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 88.5 mm

- single and two push-button operation parameterisable
- one push-button operation for switching, pushing, shutters and dimming
- activation of second user level via object
- with blue operation LED and 6 white status LEDs (labelling field lighting)
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 774
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	537

Design		Order no.	PU
polar white matt		**7516 35 99**	1
Aluminium, aluminium anodised	*	**7516 35 94**	1
Stainless steel, metal brushed		**7516 35 93**	1
glass polar white	*	**7516 35 90**	1
glass black	*	**7516 35 92**	1

New



B.IQ push-button 4gang comfort

i 920

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 118.1 mm

- single and two push-button operation parameterisable
- lockable via 3-button actuation
- one push-button operation for switching, pushing, shutters and dimming
- second operating level via object or 3-button handle
- with blue operation LED and 8 white status LEDs (labelling field lighting)
- alarm telegram after disconnection from bus coupling unit 1 bit or 1 byte
- cyclic transmission can also be started via switching object
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 774
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	537

Design		Order no.	PU
polar white matt		**7516 45 99**	1
Aluminium, aluminium anodised	*	**7516 45 94**	1
Stainless steel, metal brushed		**7516 45 93**	1
glass polar white	*	**7516 45 90**	1
glass black	*	**7516 45 92**	1

New



B.IQ push-button 1gang

i 920

Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 88.5 mm

- with blue operation LED and 2 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 774
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	537

Design		Order no.	PU
polar white matt		**7516 10 99**	1
Aluminium, aluminium anodised	*	**7516 10 94**	1
Stainless steel, metal brushed		**7516 10 93**	1
glass polar white	*	**7516 10 90**	1
glass black	*	**7516 10 92**	1

New



B.IQ push-button 2gang

i 920

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 88.5 mm

- with blue operation LED and 4 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 774
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	537

Design	Order no.	PU
polar white matt	**7516 20 99**	1
Aluminium, aluminium anodised	* **7516 20 94**	1
Stainless steel, metal brushed	**7516 20 93**	1
glass polar white	* **7516 20 90**	1
glass black	* **7516 20 92**	1

New



B.IQ push-button 3gang

i 920

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 88.5 mm

- with blue operation LED and 6 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 774
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	537

Design	Order no.	PU
polar white matt	**7516 30 99**	1
Aluminium, aluminium anodised	* **7516 30 94**	1
Stainless steel, metal brushed	**7516 30 93**	1
glass polar white	* **7516 30 90**	1
glass black	* **7516 30 92**	1

New



B.IQ push-button 4gang

i 920

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 118.1 mm

- with blue operation LED and 8 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 774
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	537

Design	Order no.	PU
polar white matt	**7516 40 99**	1
Aluminium, aluminium anodised	* **7516 40 94**	1
Stainless steel, metal brushed	**7516 40 93**	1
glass polar white	* **7516 40 90**	1
glass black	* **7516 40 92**	1

Light scenes push-buttons

New



B.IQ push-button 4gang for light scenes

i 920

Number of load groups (increase on cascading)	8
Light scenes	max. 8
Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 118.1 mm

- retrieval, adjustment and storage of 8 light scenes
- light scene push-buttons can be cascaded
- second operating level for setting load groups via 3-button actuation
- with blue operation LED and 8 white status LEDs (labelling field lighting)
- dimming / position value transmitter 1 byte
- for installation in single standard wall boxes
- with anti-dismantling protection

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 774
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	537

Design	Order no.	PU
polar white matt	**7516 86 99**	1
Aluminium, aluminium anodised	* **7516 86 94**	1
Stainless steel, metal brushed	**7516 86 93**	1
glass polar white	* **7516 86 90**	1
glass black	* **7516 86 92**	1

Push-buttons with thermostat

- For switch, push-button, dimmer, blind and thermostat functions
- Single and two push-button operation parameterisable
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- With 2 white status LEDs per rocker (labelling field illumination)
- Wth blue operation LED
- For individual single room temperature control
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- With 2 additional function buttons for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Temperature measurement via internal temperature sensor and/or external communication object (weighting ratio parameterisable)
- Provision of the internal temperature value via communication object
- With room temperature timer and 2-week timer functions
- Button help function can be activated
- For installation in single standard wall boxes
- For continuous (PI) or switched (2-point) control of max. 2 control circuits
- With dismantling protection
- Text display (ASCII-format)
- LC display with symbols and illumination switchable via object
- With button blocking function
- End customer display scope parameterisable
- Separate object for window contact
- Programmable from ETS2, V1.2a
- Alarm telegram after disconnection from bus coupling unit 1 bit, 1 or 2 byte
- Presence button parameterisable to extend comfort
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte



Flush-mounted bus coupling unit for B.IQ with thermostat

Operating voltage over bus	21 ... 32 V=
Operating temperature	-5 ... +45 °C
Insertion depth	20 mm

- for B.IQ push-buttons with thermostat and display or Bluetooth gateways
- with programming button and red programming LED
- bus connection via connecting terminal
- without spreader claws

Suitable for	Order no.	Page
optional		
Protective cover	7500 00 07	836
Blind plug for bus coupling unit	7594 02 ..	835

Design	Order no.	PU
Flush-mounted bus coupling unit for B.IQ with thermostat	**7504 00 03**	1

New



B.IQ push-button 3gang with thermostat

i 920

- Display

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat		page 778
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	537

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 119.6 mm

Design		Order no.	PU
polar white matt		**7566 35 99**	1
Aluminium, aluminium anodised	*	**7566 35 94**	1
Stainless steel, metal brushed		**7566 35 93**	1
glass polar white	*	**7566 35 90**	1
glass black	*	**7566 35 92**	1

New



B.IQ push-button 4gang with thermostat

i 920

- Display

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat		page 778
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	537

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 149.2 mm

Design		Order no.	PU
polar white matt		**7566 45 99**	1
Aluminium, aluminium anodised	*	**7566 45 94**	1
Stainless steel, metal brushed		**7566 45 93**	1
glass polar white	*	**7566 45 90**	1
glass black	*	**7566 45 92**	1

New



B.IQ push-button 5gang with thermostat

i 920

- Display

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat		page 778
optional		
B.IQ labelling field for push-buttons 5gang	7590 00 82	537

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 178.8 mm

Design		Order no.	PU
polar white matt		**7566 55 99**	1
Aluminium, aluminium anodised	*	**7566 55 94**	1
Stainless steel, metal brushed		**7566 55 93**	1
glass polar white	*	**7566 55 90**	1
glass black	*	**7566 55 92**	1

New



B.IQ IR push-button 3gang with thermostat

i 920

- Display
- IR telegram with RC5 coding parameterisable per push-button

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat		page 778
optional		
B.IQ labelling field for push-buttons 1 to 3gang	7590 00 80	537
Hand-held transmitter for B.IQ IR push-button	2779	780

Operating temperature -5 ... +45 °C
Dimensions (W x H) 88.5 x 128.6 mm

Design		Order no.	PU
polar white matt		**7566 36 99**	1
Aluminium, aluminium anodised	*	**7566 36 94**	1
Stainless steel, metal brushed		**7566 36 93**	1
glass polar white	*	**7566 36 90**	1
glass black	*	**7566 36 92**	1

New



B.IQ IR push-button 4gang with thermostat

i 920

- Display



Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 158.2 mm

- IR telegram with RC5 coding parameterisable per push-button

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat		page 778
optional		
B.IQ labelling field for push-buttons 4gang	7590 00 81	537
Hand-held transmitter for B.IQ IR push-button	2779	780

Design		Order no.	PU
polar white matt		**7566 46 99**	1
Aluminium, aluminium anodised	*	**7566 46 94**	1
Stainless steel, metal brushed		**7566 46 93**	1
glass polar white	*	**7566 46 90**	1
glass black	*	**7566 46 92**	1

New



B.IQ IR push-button 5gang with thermostat

i 920

- Display



Operating temperature	-5 ... +45 °C
Dimensions (W x H)	88.5 x 187.8 mm

- IR telegram with RC5 coding parameterisable per push-button

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat		page 778
optional		
B.IQ labelling field for push-buttons 5gang	7590 00 82	537
Hand-held transmitter for B.IQ IR push-button	2779	780

Design		Order no.	PU
polar white matt		**7566 56 99**	1
Aluminium, aluminium anodised	*	**7566 56 94**	1
Stainless steel, metal brushed		**7566 56 93**	1
glass polar white	*	**7566 56 90**	1
glass black	*	**7566 56 92**	1



Hand-held transmitter for B.IQ IR push-button

Operating voltage	6 V=
IR range	≈ 10 m
Number of IR channels	24
Dimensions (L x W x H)	192 x 53 x 23 mm
Battery service life [years]	≈ 3

The required batteries 4 x Micro, alkaline (LR 03) are not in scope of delivery.

For battery-operated IR remote control of all assigned IR receivers.

- RC5 code
- with 3 channel group LEDs (also transmission and battery status LEDs)
- with 3 channel group buttons A, B, C
- with 8 channel buttons (on/off; dimmer)
- with child lock

Suitable for	Order no.	Page
B.IQ IR push-button 3g. w. thermostat	7566 36 9 ..	536
B.IQ IR push-button 4g. w. thermostat	7566 46 9 ..	536
B.IQ IR push-button 5g. w. thermostat	7566 56 9 ..	536

Design	Order no.	PU
anthracite matt	**2779**	1

Labelling fields



B.IQ labelling field for push-buttons 1 to 3gang

i 920

Dimensions (W x H x D)	151.6 x 85 x 5.7 mm

- can be illuminated by status LED

Design	Order no.	PU
clear, transparent	**7590 00 80**	1



B.IQ labelling field for push-buttons 4gang

i 920

Dimensions (W x H x D)	151.6 x 114.6 x 5.7 mm

- can be illuminated by status LED

Design	Order no.	PU
clear, transparent	**7590 00 81**	1



B.IQ labelling field for push-buttons 5gang

i 920

Dimensions (W x H x D) 151.6 x 144.2 x 5.7 mm

- can be illuminated by status LED

Design	Order no.	PU
clear, transparent	**7590 00 82**	1

Berker TS Sensor

- For individually labelled glass and touch sensors (configured variations), the new Web Configurator generates a layout number, which must be additionally specified when placing the order.
- Many options for labelling (text and/or icons) will be available **from August 2013** via the **new web configurator** at www.berker.com

Glass sensors comfort

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer and shutter functions
- Single and two push-button operation parameterisable
- Retrieval, setting and storing of 8 light scenes
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Provision of the internal temperature value via communication object
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Bus connection via connecting terminal
- For vertical mounting
- For mounting, always use the flat 2gang wall box, order no. 1871
- With adapter ring for dismantling protection, shadow jointing and special installation conditions
- With disassembly suction tool

New



Glass sensor 1gang comfort

i 920

- integrated bus coupling unit



Operating voltage 21 ... 32 V=
Current consumption 12.5 mA
Operating temperature -5 ... +45 °C
Dimensions (W x H x D) 86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 2 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Wall box 2gang flat	1871	555
optional		
Temperature sensor	161	150

Design	Order no.	PU
Berker TS Sensor		
glass polar white	* **7514 18 30**	1
glass black	* **7514 18 35**	1
glass aluminium	* **7514 10 34**	1
Berker TS Sensor - configured		
glass polar white	* **7514 19 30**	1
glass black	* **7514 19 35**	1
glass aluminium	* **7514 11 34**	1

New



Glass sensor 2gang comfort

i 920

- integrated bus coupling unit



Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Wall box 2gang flat	1871	555
optional		
Temperature sensor	161	150

Design	Order no.	PU
Berker TS Sensor		
glass polar white	* **7514 28 30**	1
glass black	* **7514 28 35**	1
glass aluminium	* **7514 20 34**	1
Berker TS Sensor - configured		
glass polar white	* **7514 29 30**	1
glass black	* **7514 29 35**	1
glass aluminium	* **7514 21 34**	1

New



Glass sensor 3gang comfort

i 920

- integrated bus coupling unit



Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Wall box 2gang flat	1871	555
optional		
Temperature sensor	161	150

Design	Order no.	PU
Berker TS Sensor		
glass polar white	* **7514 38 30**	1
glass black	* **7514 38 35**	1
glass aluminium	* **7514 30 34**	1
Berker TS Sensor - configured		
glass polar white	* **7514 39 30**	1
glass black	* **7514 39 35**	1
glass aluminium	* **7514 31 34**	1

New



Glass sensor 4gang comfort

i 920

- integrated bus coupling unit



Operating voltage	21 ... 32 V=
Current consumption	12.5 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 8 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Wall box 2gang flat	1871	555
optional		
Temperature sensor	161	150

Design	Order no.	PU
Berker TS Sensor		
glass polar white	* **7514 48 30**	1
glass black	* **7514 48 35**	1
glass aluminium	* **7514 40 34**	1
Berker TS Sensor - configured		
glass polar white	* **7514 49 30**	1
glass black	* **7514 49 35**	1
glass aluminium	* **7514 41 34**	1

Glass sensors with thermostat

- With integral bus coupling unit
- Operation by gently touching the sensor surfaces on the white LEDs
- For switch, push-button, dimmer and shutter functions
- Single and two push-button operation parameterisable
- Retrieval, setting and storing of 8 light scenes
- One push-button operation for switching, buttons, blinds and dimming
- Extension unit for light scene push-button
- For heating and/or cooling mode with/without auxiliary step
- Controller operating modes: comfort, standby, night and frost/heat protection mode
- LED display with symbol display
- With 2 additional sensor surfaces for display control
- Display of operating mode, controller lockout, room and outside temperature as well as time in connection with a clock
- Integrated temperature sensor
- Temperature measurement via internal and/or external temperature sensor with mean value formation
- Additional connection for external temperature sensor
- Usable as thermostat extension unit
- Temperature control via local measurement or measured value via object
- Blocking function for sensor surface e.g. for cleaning the glass surface
- Value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- Separate auxiliary power supply needed
- Operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- Bus connection via connecting terminal
- For vertical mounting
- For mounting, always use the flat 2gang wall box, order no. 1871
- With adapter ring for dismantling protection and shadow gap formation
- With disassembly suction tool

New



Glass sensor 2gang with thermostat

i 920

- integrated bus coupling unit

Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 4 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Wall box 2gang flat	1871	555
Berker IOS electrical power supply 24 V DC RMD	7591 00 03	788
optional		
Temperature sensor	161	150

Design	Order no.	PU
Berker TS Sensor		
glass polar white	* **7564 20 30**	1
glass black	**7564 20 35**	1
glass aluminium	**7564 20 34**	1
Berker TS Sensor - configured		
glass polar white	* **7564 21 30**	1
glass black	**7564 21 35**	1
glass aluminium	**7564 21 34**	1

New



Glass sensor 3gang with thermostat

i 920

- integrated bus coupling unit



Operating voltage	21 ... 32 V=
Current consumption	23 mA
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	86 x 160 x 5.7 mm

Only suitable for KNX.

- with blue operation LED and 6 white status LEDs
- for additional products to complement the installation in matching colours/materials, refer to the Design platform S.1/B.x
- for glass frames in the same “style” for additional applications, see the Design line B.7

Suitable for	Order no.	Page
Wall box 2gang flat	1871	555
Berker IOS electrical power supply 24 V DC RMD	7591 00 03	788
optional		
Temperature sensor	161	150

Design		Order no.	PU
Berker TS Sensor			
glass polar white	*	**7564 30 30**	1
glass black		**7564 30 35**	1
glass aluminium		**7564 30 34**	1
Berker TS Sensor - configured			
glass polar white	*	**7564 31 30**	1
glass black		**7564 31 35**	1
glass aluminium		**7564 31 34**	1



Wall box 2gang flat

i 920

Dimensions (W x H x D)	68 x 139 x 47.5 mm
Cut hole Ø	2 x 68 mm
Cut hole pitch	71 mm

- flush wall-mounting or with adapter ring
- for flush mounting and hollow-wall mounting

Suitable for	Order no.	Page
Glass sensors comfort		page 781
Glass sensors with thermostat		page 783

Design	Order no.	PU
Wall box 2gang flat	**1871**	1

Visualisations

Operating panel



Berker Master Control

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Limit values	max. 32
Logic operations (cascadable)	80
TFT screen size	5.7”
Resolution graphical display	320 x 240 / 240 x 320 Mpx
Graphics memory	≈ 4 MB
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	221 x 141 x 46 mm

- freely-programmable indication and operating panel with TFT touch display
- 50 dialog pages each with up to 16 parameterisable display elements (max. 400)
- display elements suitable for invoking predefined or freely-configurable functions
- calling up dialog pages about KNX object
- background bitmaps insertable (e.g. ground plans)
- linking of dialogue pages possible
- functions e.g. switching, dimming, blinds, light scenes, heating, operating modes, date, time
- functions e.g. access control, positive operation, value transmitter, value display with/without limit values
- intelligent functions e.g. time links, logic functions, multiplexes parameterisable
- display lighting, duration and type of activation and brightness adjustable in 2 stages
- indication of up to 8 RSS news feeds
- data logger for recording, evaluation and representation of measuring points as diagram
- freely-selectable national language (code page) per indication page
- 50 error messages, can be parameterised
- indication of the last 20 error messages via message window, audible warning
- text display (ASCII-format)
- retrieval of e-mails
- transmission of predefined e-mails
- with synchronisable integral real-time clock with date
- time switch (weekly) with 16 channels each with 8 switching times
- presence simulation with recording and reproduction type daily sequences
- astro programme for functions during sunrise/sunset
- retrieval, adjustment and storage of 24 light scenes with up to 32 outputs
- integrated alarm system for monitoring of windows, doors and interiors
- 4 password levels for differentiated access authorization parametrizable
- integral piezo buzzer
- remote operation via PC possible
- programmable via USB interface or network
- RJ45 Port for LAN connection
- bus connection via connecting terminal
- with screw terminals

Design	Order no.	PU
polar white	**7574 00 12**	1
anthracite	**7574 00 13**	1



Frame for Master Control

Dimensions (W x H x D) 234 x 168 x 9 mm

Glass, high-gloss, printed on the rear.
Stainless steel, brushed.

Design	Order no.	PU
Stainless steel, metal matt finish	**7594 01 03**	1
glass polar white	**7594 01 01**	1
glass black	**7594 01 05**	1
glass aluminium	**7594 01 04**	1



Flush-mounted/built-in housing for mini control panels

Cavity wall opening (W x H x D)	212 x 124 x 75 mm
Dimensions (W x H x D)	216 x 134 x 75 mm
Weight	≈ 900 g

- with cleaning cover
- for flush mounting and hollow-wall mounting

Design	Order no.	PU
grey	**7590 00 21**	1

New



IP Control RMD

Operating voltage	10 ... 30 V=
Power consumption	5 VA
receiptable addresses	32766
RAM	256 MB
Operating temperature	+0 ... +35 °C
Assembling height as from DIN rail	58 mm
Width of rail mounted device (RMD)	8 TE
Dimensions (W x H x D)	144 x 90 x 64 mm

NEW: PRODUCT VARIANT FOR USE-INDEPENDENT ROOM CONTROL:
IP control (order no. 7571 00 36) including software, with which an assignment plan can be stored, for building services engineering control according to room/building use, e.g. in schools according to timetables or in public buildings according to visiting or working times.

Knowledge of the relevant network technology is required for installation.

Mobile devices such as iPhones/iPad, mobile phones or PDAs can be linked via the Internet.

- integrated element library with standard operating elements
- freely configurable graphic operating surface for representation on the PC monitor
- up to 20 operating configurations for different applications
- integration of external control units with JAVA support (e.g. tablet PC) via WLAN
- central operating and visualisation unit for KNX via web browser
- control of multimedia applications
- for control and visualisation of e.g.shutters, lights, heating, ventilation, alarm system, sensors
- with status LED for operational stand-by, data processing, KNX communication, LAN status
- KNX server to supply up to 15 visualisation clients with KNX data
- time updating via Internet NTP server and sending on the KNX
- creation of light scenes with up to 28 telegrams each
- central functions/scenarios for heating, shutters, illumination, etc. can be configured by end user
- remote commissioning / maintenance of KNX systems possible via the Internet
- commissioning and programming without ETS via web browser
- with week and year timer function
- configuration tool for installation of IP settings and parameterisations
- support of common web browsers (IE, Netscape, Firefox etc.)
- with event indicator for e.g. status/alarm messages via e-mail
- operation with non-choked output of KNX voltage supply possible (pay attention to current consumption)
- administration of 50 users for the control of access authorisation
- database connection to the memory of utilisation/consumption data of the KNX
- also usable with Apple Macintosh
- with updatable Flash-Controller for subsequent function expansions
- integration of network cameras possible
- for LAN connection of individual KNX installations
- with integrated controller for logic functions (concatenations, threshold value processing)
- RJ45 Port for LAN connection
- bus connection via connecting terminal
- with screw terminals

Design		Order no.	PU
IP control RMD, light grey		**7571 00 04**	1
IP-Control for use-dependent room controllers RMD, light grey	*	**7571 00 36**	1

domovea



domovea server incl. software

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V=
Current consumption (operation)	≈ 150 mA
Power consumption (operation)	≈ 1.5 W
RAM	128 MB
Graphics memory	≈ 20 MB
Processor	400 MHz
Operating temperature	+0 ... +45 °C
Width of rail mounted device (RMD)	6 TE

Central operating and visualisation unit for KNX installations via client software.

Knowledge of the relevant network technology is required for installation.

System requirements: Windows XP, VISTA and Windows 7 (32 or 64-bit).

- user interface can be configured individually for each room with special background images
- creation of max. 50 sequences from different actions
- for control and visualisation of e.g.shutters, lights, heating, ventilation, alarm system, sensors
- with status LEDs for LAN status, operational stand-by and connection status to web portal
- KNX server to supply up to 30 visualisation clients simultaneously with KNX data
- creation of light scenes
- creation of measured value archives and energy consumption visualisation with KNX energy meters
- configuration tool for installation of IP settings and parameterisations
- with configuration and client software on USB stick
- managing up to 30 users with different access rights
- software update via USB interface on the device
- integration of max. 10 network cameras
- RJ45 Port for LAN connection
- bus connection via connecting terminal
- with plug-in terminals

Suitable for	Order no.	Page
Power supply 24 V DC 1A	TGA200	788
optional		
domovea remote access	TJ550	788

Manufacturer product line — **Art. No.**

KNX energy meters

Hager

Design	Order no.	PU
light grey matt	**TJA450**	1



domovea software server with USB/KNX interface

Operating voltage interface via bus	21 ... 32 V=
RAM	128 MB
Graphics resolution	min. 1024 x 768 px
Free hard disk space	min. 500 MB

Central operating and visualisation software for operation via client software.

Knowledge of the relevant network technology is required for installation.

System requirements: Windows XP, VISTA and Windows 7 (32 or 64-bit).

- user interface can be configured individually for each room with special background images
- creation of max. 50 sequences from different actions
- for control and visualisation of e.g.shutters, lights, heating, ventilation, alarm system, sensors
- KNX server to supply up to 30 visualisation clients simultaneously with KNX data
- creation of light scenes
- creation of measured value archives and energy consumption visualisation with KNX energy meters
- configuration tool for installation of IP settings and parameterisations
- with configuration and client software on USB stick
- managing up to 30 users with different access rights
- integration of max. 10 network cameras
- processor min. 600 MHz
- with USB interface for connecting to the bus
- with connecting cable

Suitable for	Order no.	Page
optional		
domovea remote access	TJ550	788

Manufacturer product line — **Art. No.**

KNX energy meters

Hager

Design	Order no.	PU
Berker IOS server software with USB adapter	**TJ701A**	1



domovea remote access

Licence for the activation of the remote access to a Berker IOS server via the web-portal www.berker-ios.de

- for remote control of the KNX building systems via Berker IOS
- licence data on USB stick

Suitable for	Order no.	Page
domovea server incl. software	TJA450	787
domovea software server w. USB/KNX interf.	TJ701A	787

Design	Order no.	PU
Berker IOS licence for remote access	**TJ550**	1



Power supply 24 V DC 1A

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	24 V=
Output current	max. 1 A
Current consumption	< 150 mA
Power consumption	36 W
Operating temperature	+0 ... +45 °C
Width of rail mounted device (RMD)	4 TE

- with plug-in terminals

Suitable for	Order no.	Page
domovea server incl. software	TJA450	787
Blind actuator 4gang RMD 24 V DC	7531 40 11	821

Design	Order no.	PU
light grey matt	**TGA200**	1



domovea system package

Knowledge of the relevant network technology is required for installation.

Set consisting of:
- domovea server incl. software, order no. TJA450
- Power supply 24 V DC 1A, order no. TGA200

Design	Order no.	PU
Berker IOS set	**TJA451**	1

Info displays



Bus coupling unit flush-mounted

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 100 mW
Operating temperature	-5 ... +45 °C
Insertion depth	23 mm

- with programming button and red programming LED
- as interface between KNX user module and bus line
- bus connection via connecting terminal
- without spreader claws

Suitable for optional	Order no.	Page
Protective cover	7500 00 07	836
Blind plug for bus coupling unit	7594 02 ..	836

Design	Order no.	PU
Bus coupling unit flush-mounted	**7504 00 01**	1



Info display

Operating temperature -5 ... +45 °C

Commissioning possible only with ETS2 V1.2a.

- LC display with illumination
- to display and initiate actions
- with anti-dismantling protection
- visual/acoustic alarm message, acknowledgable
- for max. 48 signalling groups
- programmable to 1, 2 or 4 lines
- with piezo signal generator
- 16 characters per line on max. 12 pages
- German/English

Suitable for Bus coupling unit flush-mounted | **Order no.** | **Page** page 788

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**7586 00 52**	1
polar white glossy	**7586 00 59**	1
polar white matt	**7586 00 89**	1
anthracite matt	**7586 00 85**	1
aluminium, matt, lacquered	**7586 00 83**	1
Modul 2		
white glossy	# **7586 00 12**	1
polar white glossy	# **7586 00 19**	1



New



Berker Q.1/Q.3		
polar white velvety	**7586 00 29**	1
anthracite velvety, lacquered	* **7586 00 26**	1

New





Berker K.1/K.5		
polar white glossy	**7586 00 79**	1
anthracite matt, lacquered	**7586 00 75**	1
Aluminium, aluminium anodised	* **7586 00 71**	1
Stainless steel, metal matt finish	**7586 00 73**	1
Berker Arsys		
white glossy	**7586 00 42**	1
polar white glossy	**7586 00 49**	1
light bronze matt, lacquered	**7586 00 44**	1
stainless steel matt, lacquered	**7586 00 43**	1

KNX EnOcean

New



EnOcean radio wall-transmitter 1gang

Number of radio channels	1
Radio transmission/reception frequency	868.3 MHz
Radio transmission range (free field)	max. 300 m
Radio transmission range (building)	max. 30 m
Ambient temperature	-25 ... +65 °C
Relative humidity (without condensation)	0 ... 95 %

- single-surface operation in conjunction with suitable receiver
- for the transmission of switching, dimming or blind commands to the radio receiver of the EnOcean system
- each channel can be assigned to any number of radio receivers
- provision of transmission energy through conversion of the mechanical energy on button actuation
- with fitting material
- battery-less, maintenance-free device without external power supply
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- for screw or adhesive fixing

Suitable for optional	Order no.	Page
KNX EnOcean Gateway surface-mounted	7563 00 05	791

Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white glossy	* **2411 10 89**	1
polar white matt	* **2411 10 09**	1
anthracite matt	* **2411 10 06**	1

New



EnOcean radio wall-transmitter 2gang

Number of radio channels	2
Radio transmission/reception frequency	868.3 MHz
Radio transmission range (free field)	max. 300 m
Radio transmission range (building)	max. 30 m
Ambient temperature	-25 ... +65 °C
Relative humidity (without condensation)	0 ... 95 %

- single-surface operation in conjunction with suitable receiver
- for the transmission of switching, dimming or blind commands to the radio receiver of the EnOcean system
- each channel can be assigned to any number of radio receivers
- provision of transmission energy through conversion of the mechanical energy on button actuation
- with fitting material
- battery-less, maintenance-free device without external power supply
- mounting with frames on even surface, e.g. also for extension of combinations
- screw fastening via supporting plate possible
- for screw or adhesive fixing

Suitable for optional	Order no.	Page
KNX EnOcean Gateway surface-mounted	7563 00 05	791

Design	Order no.	PU
Berker S.1/B.3/B.7		
polar white glossy	* **2412 10 89**	1
polar white matt	* **2412 10 09**	1
anthracite matt	* **2412 10 06**	1

New



KNX EnOcean Gateway surface-mounted

Operating voltage over bus	21 ... 32 V=
Current consumption	ca. 12 mA
Radio transmission/reception frequency	868.3 MHz (ASK)
Number of function channels	32
Ambient temperature	-5 ... +45 °C
Relative humidity (without condensation)	5 ... 93 %
Dimensions (W x H x D)	81 x 81 x 25 mm

Bi-directional gateway for transmission of EnOcean radio signals to the KNX bus or of KNX telegrams into the EnOcean system.

- each channel can be configured with different functions
- EnOcean receiver functions for conversion into KNX telegrams: including switching, dimming, blind, light scene, window contacts, temperature values, brightness values, presence simulation, room control devices
- EnOcean transmission functions for the conversion of KNX telegrams: switching, dimming, blind, valve drives
- logic and control functions
- teaching-in of the radio components using the buttons and display
- LC display for commissioning and system diagnostics
- with programming button and red programming LED
- with integrated repeater for EnOcean transmission commands
- bus connection via connecting terminal
- installation possible on flush-mounted box

Suitable for	Order no.	Page
EnOcean radio wall-transmitter 1gang	2411 ..	790
EnOcean radio wall-transmitter 2gang	2412 ..	790

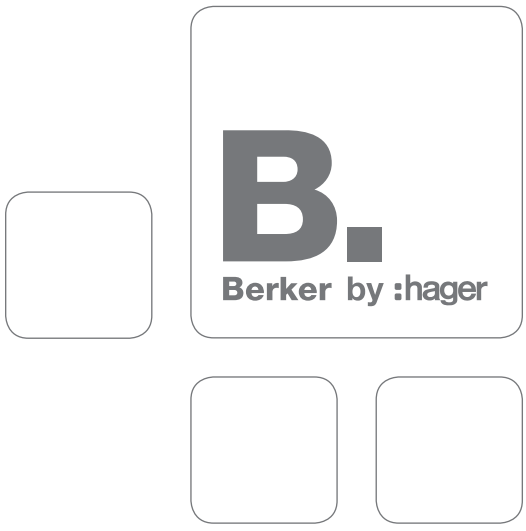
Design	Order no.	PU
white	* **7563 00 05**	1

KNX sensors and actuators

With KNX, a house provides a significant contribution to looking after itself: motion detectors activate lighting as necessary. Windows and doors left open by accident are signalled using magnetic contacts and can be closed automatically. In addition, when the windows are open, the heating system reduces output. Using the Berker KNX bus system, your house can learn to adapt to changed environmental conditions. Actuators are selected according to the resources they are to switch or control. This allows e.g. switchable lamps, socket outlets or fixed-location consumers to be operated with switch actuators. The Berker KNX System so contains a special actuator type for each application.



Motion detectors	794
Thermostats	802
Physical sensors	804
Universal interfaces	810
Binary inputs	811
Timers	812
Combination actuators RMD	814
Switch actuators RMD	816
Dim actuators RMD	818
Blind actuators RMD	821
HVAC actuators RMD	822
Analogue actuators	825
Actuators flush-mounted/surface-mounted	826



Motion detectors



Bus coupling unit flush-mounted

Operating voltage over bus	21 ... 32 V=
Power consumption, KNX	≈ 100 mW
Operating temperature	-5 ... +45 °C
Insertion depth	23 mm

- as interface between KNX user module and bus line
- with programming button and red programming LED
- bus connection via connecting terminal
- without spreader claws

Suitable for optional	Order no.	Page
Protective cover	7500 00 07	836
Blind plug for bus coupling unit	7594 02 ..	836

Design	Order no.	PU
Bus coupling unit flush-mounted	**7504 00 01**	1

Controller sensors

- With cover to limit detection angle
- Also suitable as extension unit
- Cyclic transmission possible





KNX controller comfort 1.1 m

Power consumption, KNX	≈ 110 mW
Nominal mounting height	1.1 m
Number of detection levels	2
Number of switching segments	72
Detection field, semi-oval shaped	≈ 10 x 12 m
Detection angle	180 °
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Delay time	≈ 10 s
Additional delay time programmable	130 ms ... 306 h
Potentiometer for additional delay time	± 50 %
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, configurable	3 ... 100 / daytime operation lx
Response brightness adjustable by potentiometer	± 50 %
Lockout time	8 ms ... 140 min
Operating temperature	-5 ... +45 °C
Dimensions assembling height	23.5 mm

Caution:
Direct sunlight can lead to false alarms when using alarm application. Avoid using detection field equipment on windows.

Continuous direct sunlight penetrating the upward-pointing detection level can result in failure of the controller. Only suitable for indoor areas!

When movement of a person is detected a parameter defined data telegram is sent.

- with slide switch for OFF/automatic/ON
- with potentiometers for fine adjustment of the response brightness, sensitivity and delay time
- with red diagnostic LED for brightness-independent walk test function and disassembly message
- with lighting and message mode
- operating mode switched with object
- functions for lighting operating mode: Switching, Value transmitter and Light scene call
- parameter defineable lock function
- alarm telegram after disconnection from bus coupling unit, 1-bit

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 794

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**7526 15 52**	1
polar white glossy	**7526 15 59**	1
polar white matt	**7526 15 89**	1
anthracite matt	**7526 15 85**	1
aluminium matt, lacquered	**7526 15 83**	1



Modul 2			
white glossy	#	**7526 15 12**	1
polar white glossy	#	**7526 15 19**	1

New



Berker Q.1/Q.3			
polar white velvety		**7526 15 29**	1
anthracite velvety, lacquered	*	**7526 15 26**	1

New





Berker K.1/K.5			
polar white glossy		**7526 15 79**	1
anthracite matt, lacquered		**7526 15 75**	1
aluminium matt, lacquered	*	**7526 15 71**	1
stainless steel, matt, lacquered		**7526 15 73**	1
Berker Arsys			
white glossy		**7526 15 42**	1
polar white glossy		**7526 15 49**	1
light bronze matt, lacquered		**7526 15 44**	1
stainless steel matt, lacquered		**7526 15 43**	1





KNX controller comfort 2.2 m

Power consumption, KNX	≈ 110 mW
Nominal mounting height	2.2 m
Number of detection levels	2
Number of switching segments	72
Detection field, semi-oval shaped	≈ 12 x 12 m
Detection angle	180 °
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Delay time	≈ 10 s
Additional delay time programmable	130 ms ... 306 h
Potentiometer for additional delay time	± 50 %
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, configurable	3 ... 100 / daytime operation lx
Response brightness adjustable by potentiometer	± 50 %
Lockout time	8 ms ... 140 min
Operating temperature	-5 ... +45 °C
Dimensions assembling height	23.5 mm

Application as for order no. 7526 15 ..

Caution:
Direct sunlight can lead to false alarms when using alarm application. Avoid using detection field equipment on windows.

When movement of a person is detected a parameter defined data telegram is sent.

- with slide switch for OFF/automatic/ON
- with potentiometers for fine adjustment of the response brightness, sensitivity and delay time
- with red diagnostic LED for brightness-independent walk test function and disassembly message
- with lighting and message mode
- operating mode switched with object
- functions for lighting operating mode: Switching, Value transmitter and Light scene call
- parameter defineable lock function
- alarm telegram after disconnection from bus coupling unit, 1-bit

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 794

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**7526 16 52**	1
polar white glossy		**7526 16 59**	1
polar white matt		**7526 16 89**	1
anthracite matt		**7526 16 85**	1
aluminium matt, lacquered		**7526 16 83**	1
Modul 2			
white glossy	#	**7526 16 12**	1
polar white glossy	#	**7526 16 19**	1



New



Berker Q.1/Q.3			
polar white velvety		**7526 16 29**	1
anthracite velvety, lacquered	*	**7526 16 26**	1

New



Berker K.1/K.5			
polar white glossy		**7526 16 79**	1
anthracite matt, lacquered		**7526 16 75**	1
aluminium matt, lacquered	*	**7526 16 71**	1
stainless steel matt, lacquered		**7526 16 73**	1



Design	Order no.	PU
Berker Arsys		
white glossy	**7526 16 42**	1
polar white glossy	**7526 16 49**	1
light bronze matt, lacquered	**7526 16 44**	1
stainless steel matt, lacquered	**7526 16 43**	1





KNX controller 1.1 m

Nominal mounting height	1.1 m
Number of detection levels	2
Number of switching segments	72
Detection field, semi-oval shaped	≈ 10 x 12 m
Detection angle	180 °
Range, frontal	≈ 10 m
Range, side	each ≈ 6 m
Delay time	≈ 10 s
Additional delay time programmable	130 ms ... 152 ms
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, configurable	1 ... 1000 / daytime operation lx
Lockout time	8 ms ... 140 min
Operating temperature	-5 ... +45 °C
Dimensions assembling height	23.5 mm

Continuous direct sunlight penetrating the upward-pointing detection plane can result in failure of the controller. Only suitable for indoor areas!

When movement of a person is detected a parameter defined data telegram is sent.

- with potentiometer for fine adjustment of the response sensitivity
- parameter defineable lock function

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 794

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**7526 11 52**	1
polar white glossy	**7526 11 59**	1
polar white matt	**7526 11 89**	1
anthracite matt	**7526 11 85**	1
aluminium matt, lacquered	**7526 11 83**	1
Modul 2		
white glossy	# **7526 11 12**	1
polar white glossy	# **7526 11 19**	1



New

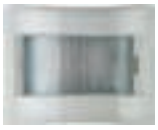


Berker Q.1/Q.3		
polar white velvety	**7526 11 29**	1
anthracite velvety, lacquered	* **7526 11 26**	1

New



Berker K.1/K.5		
polar white glossy	**7526 11 79**	1
anthracite matt, lacquered	**7526 11 75**	1
aluminium matt, lacquered	* **7526 11 71**	1
stainless steel matt, lacquered	**7526 11 73**	1
Berker Arsys		
white glossy	**7526 11 42**	1
polar white glossy	**7526 11 49**	1
light bronze matt, lacquered	**7526 11 44**	1
stainless steel matt, lacquered	**7526 11 43**	1







KNX controller 2.2 m

Nominal mounting height	2.2 m
Number of detection levels	2
Number of switching segments	72
Detection field, semi-oval shaped	≈ 12 x 12 m
Detection angle	180 °
Range, frontal (at 1.1 m installation height)	≈ 6 m
Range, frontal	≈ 12 m
Range, side (at 1.1 m installation height)	each ≈ 3 m
Range, side	each ≈ 6 m
Delay time	≈ 10 s
Additional delay time programmable	130 ms ... 152 h
Response sensitivity, settable	≈ 20 ... 100 %
Response brightness, configurable	1 ... 1000 / daytime operation lx
Lockout time	8 ms ... 140 min
Operating temperature	-5 ... +45 °C
Dimensions assembling height	23.5 mm

Application as for order no. 7526 11 ..

When movement of a person is detected a parameter defined data telegram is sent.

- with potentiometer for fine adjustment of the response sensitivity
- parameter defineable lock function

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 794

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**7526 12 52**	1
polar white glossy	**7526 12 59**	1
polar white matt	**7526 12 89**	1
anthracite matt	**7526 12 85**	1
aluminium matt, lacquered	**7526 12 83**	1



Modul 2		
white glossy	# **7526 12 12**	1
polar white glossy	# **7526 12 19**	1

New



Berker Q.1/Q.3		
polar white velvety	**7526 12 29**	1
anthracite velvety, lacquered	* **7526 12 26**	1

New



Berker K.1/K.5		
polar white glossy	**7526 12 79**	1
anthracite matt, lacquered	**7526 12 75**	1
aluminium matt, lacquered	* **7526 12 71**	1
stainless steel matt, lacquered	**7526 12 73**	1



Berker Arsys		
white glossy	**7526 12 42**	1
polar white glossy	**7526 12 49**	1
light bronze matt, lacquered	**7526 12 44**	1
stainless steel matt, lacquered	**7526 12 43**	1

Presence detectors

- With push-on cover to limit the detection field
- With teach object for response brightness
- With potentiometers for fine adjustment of the response brightness, sensitivity and delay time
- Energy saving by means of presence and brightness-dependent switching of lights, heating etc.

New



KNX presence detector comfort

Recommended ceiling height	≈ 2.5 m
Number of detection levels	6
Number of switching segments	320
Activation on movement	< 30 cm
Detection field Ø, on floor	≈ 8 m
Detection field Ø, at desk height	≈ 5 m
Detection angle	360 °
Operating temperature	-5 ... +45 °C
Dimensions (Ø x assembling height)	103 x 42 mm

When movement of a person is detected a parameter defined data telegram is sent.

- can be used as a single unit, main device or extension unit
- with 3 operating modes: presence detector, ceiling controller and signal operation
- with 4 output channels for which parameters are set independently, max. 2 per operating mode

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 794
optional		
Surface-mounted housing for BLC and KNX presence detector	1076 09	99

Design	Order no.	PU
KNX presence detector comfort	* **7526 40 01**	1

New



KNX presence detector

Recommended ceiling height	≈ 2.5 m
Number of detection levels	6
Number of switching segments	320
Activation on movement	< 30 cm
Detection field Ø, on floor	≈ 8 m
Detection field Ø, at desk height	≈ 5 m
Detection angle	360 °
Operating temperature	-5 ... +45 °C
Dimensions (Ø x assembling height)	103 x 42 mm

When movement of a person is detected a parameter defined data telegram is sent.

- with 2 operating modes: presence detector or ceiling controller
- with 2 output channels for which the parameters are to be set independently
- can only be used as individual unit

Suitable for	Order no.	Page
Bus coupling unit flush-mounted		page 794
optional		
Surface-mounted housing for BLC and KNX presence detector	1076 09	99

Design	Order no.	PU
polar white matt	* **7526 20 01**	1



Surface-mounted housing for BLC and KNX presence detector

Dimensions (Ø x assembling height)	103 x 45 mm

- cable entry from all sides possible

Suitable for	Order no.	Page
KNX presence detector	7526 20 01	799
KNX presence detector comfort	7526 40 01	799

Design	Order no.	PU
polar white matt	**1076 09**	1

IR presence detectors

- With spring clips for ceiling installation
- With integral bus coupling unit
- With potentiometers for fine adjustment of the response brightness and delay time without dismantling
- Output channel for switching, dimming or calling up scenes
- Energy saving by means of presence and brightness-dependent switching of lights, heating etc.
- Linking several detectors in order to expand the detection range

New



IP41

KNX IR presence detector comfort

Operating voltage over bus	21 ... 32 V=
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1500 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- parallel compensated	1000 VA
Recommended installation height	≈ 2.5 ... 3.5 m
Detection field Ø, on floor	≈ 7 m
Detection field Ø, at desk height	≈ 5 m
Detection angle	360 °
Delay time, adjustable	≈ 1 min ... 1 h
Brightness measuring range	5 ... 1000 lx
Operating temperature	-10 ... +45 °C
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm
Dimensions (Ø x H)	78 x 70 mm

- with integral bus coupling unit
- switch output can be integrated for control via bus or direct connection of loads

Suitable for	Order no.	Page
optional		
IR hand-held transmitter for presence detector	7590 40 01	102
IR configuration hand-held transmitter for presence detector	7590 40 02	102
Surface-mounted housing for IR presence detector	1701 05	102

Design	Order no.	PU
polar white matt	* **7524 10 03**	1

New



IP41

KNX DALI IR presence detector comfort

Operating voltage over bus	21 ... 32 V=
Recommended installation height	≈ 2.5 ... 3.5 m
Detection field Ø, on floor	≈ 7 m
Detection field Ø, at desk height	≈ 5 m
Detection angle	360 °
Delay time, adjustable	≈ 1 min ... 1 h
Brightness measuring range	5 ... 1000 lx
Operating temperature	-10 ... +45 °C
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm
Dimensions (Ø x H)	78 x 70 mm

- with integral bus coupling unit
- integrated DALI/DSI output (broadcast) for switching/controlling 24 DALI/DSI electronic ballasts

Suitable for	Order no.	Page
optional		
IR hand-held transmitter for presence detector	7590 40 01	102
IR configuration hand-held transmitter for presence detector	7590 40 02	102
Surface-mounted housing for IR presence detector	1701 05	102

Design	Order no.	PU
polar white matt	* **7524 10 04**	1



Surface-mounted housing for IR presence detector

Dimensions (Ø x H)	75 x 67 mm

- with cable entry

Suitable for	Order no.	Page
IR presence detectors		page 101
KNX IR presence detector comfort	7524 10 03	800
KNX DALI IR presence detector comfort	7524 10 04	800

Design	Order no.	PU
polar white matt	**1701 05**	1



IP30



IR hand-held transmitter for presence detector

Dimensions (L x W x H) 120 x 70 x 10 mm
Battery service life [years] ≈ 3.5

Scope of functions dependent on the controlled presence detector.
Required battery (CR 2032) is included in the scope of delivery.
For control for the lighting connected to the presence detector.

- RC6 code
- additional acknowledgement LED for displaying the IR transmission
- with 4 function buttons (calling up/saving light scene)
- with green “on” and red “off” button (on/off, dimmer function)

Suitable for	Order no.	Page
IR presence detectors		page 101
KNX IR presence detector comfort	7524 10 03	800
KNX DALI IR presence detector comfort	7524 10 04	800

Design	Order no.	PU
black matt	**7590 40 01**	1



IP30



IR configuration hand-held transmitter for presence detector

Dimensions (L x W x H) 111 x 63 x 10 mm
Battery service life [years] ≈ 3.5

Required battery (CR 2032) is included in the scope of delivery.
For convenient configuration of supported presence detectors.

- RC6 code
- additional acknowledgement LED for displaying the IR transmission
- 15 buttons with integrated status-LED
- 3 configuration ranges for control, switch-off delay, brightness threshold
- setting of the brightness threshold manually, by default values or teach-in mode
- default settings can be selected for the brightness threshold daylight, office, corridor
- 2 configuration memories for identical configuration of several presence detectors

Suitable for	Order no.	Page
IR presence detectors		page 101
KNX IR presence detector comfort	7524 10 03	800
KNX DALI IR presence detector comfort	7524 10 04	800

Design	Order no.	PU
black matt	**7590 40 02**	1

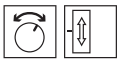
Thermostat

- For individual single room temperature control
- For heating and/or cooling mode
- Heating or cooling possible in 2 stages
- Bus connection via connecting terminal
- For continuous (PI) or switched (2-point) control
- With dismantling protection
- 4 binary inputs or 2-3 binary inputs and 1-2 outputs parameterisable
- With 4 independent binary inputs for potential-free contacts e.g. window magnetic contact
- Behaviour can be defined for bus voltage return
- Binary inputs / outputs with screw terminals
- Valve protection can be defined



KNX thermostat

- Setting knob
- integrated bus coupling unit



Output current per channel	max. 0.8 mA
Set value control by setting knob	± 0 ... 5 K
Operating temperature	-5 ... +45 °C
Cable length, inputs/outputs	max. 5 m
Sensor cable length	50 m

Binary input 4 parameter defineable for temperature sensor, order no. 161.

- operating modes:comfort, standby, night lowering, frost/heat protection, dewpoint displayed with LED
- with presence button for switching between comfort and standby mode
- with programming button and red programming LED
- presence button and setting knob can be programmed to have no functions
- with status LEDs: red for heating, blue for cooling and yellow for activation
- without spreader claws

Suitable for optional	Order no.	Page
Temperature sensor		page 803

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**7544 11 52**	1
polar white glossy		**7544 11 59**	1
polar white matt		**7544 11 89**	1
anthracite matt		**7544 11 85**	1
aluminium matt, lacquered		**7544 11 83**	1
Modul 2			
white glossy	#	**7544 11 12**	1
polar white glossy	#	**7544 11 19**	1
Berker Q.1/Q.3			
polar white velvety		**7544 11 29**	1
anthracite velvety, lacquered	*	**7544 11 26**	1
Berker K.1/K.5			
polar white glossy		**7544 11 79**	1
anthracite matt, lacquered		**7544 11 75**	1
aluminium matt, lacquered	*	**7544 11 71**	1
stainless steel matt, lacquered		**7544 11 73**	1
Berker Arsys			
white glossy		**7544 11 42**	1
polar white glossy		**7544 11 49**	1
light bronze matt, lacquered		**7544 11 44**	1
stainless steel matt, lacquered		**7544 11 43**	1





New



New





KNX object thermostat

- integrated bus coupling unit

Output current per channel	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Cable length, inputs/outputs	max. 5 m
Sensor cable length	50 m

Binary input 4 parameter defineable for temperature sensor, order no. 161.

- operating modes: comfort, standby, night lowering, frost/heat protected, dewpoint
- with programming button and red programming LED
- without spreader claws

Suitable for optional	Order no.	Page
Temperature sensor	161	150

Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**7544 12 52**	1
polar white glossy		**7544 12 59**	1
polar white matt		**7544 12 89**	1
anthracite matt		**7544 12 85**	1
aluminium matt, lacquered		**7544 12 83**	1
Modul 2			
white glossy	#	**7544 12 12**	1
polar white glossy	#	**7544 12 19**	1
Berker Q.1/Q.3			
polar white velvety		**7544 12 29**	1
anthracite velvety, lacquered	*	**7544 12 26**	1
Berker K.1/K.5			
polar white glossy		**7544 12 79**	1
anthracite matt, lacquered		**7544 12 75**	1
Aluminium, aluminium anodised	*	**7544 12 71**	1
Stainless steel, metal matt finish		**7544 12 73**	1
Berker Arsys			
white glossy		**7544 12 42**	1
polar white glossy		**7544 12 49**	1
light bronze matt, aluminium lacquered		**7544 12 44**	1
Stainless steel, metal matt finish		**7544 12 43**	1



Temperature sensor

Characteristic resistance value at 25 °C	33 kΩ
Sensor cable length	4 m

- as replacement or function extension of products with suitable connection, such as thermostat, glass sensors or KNX thermostat

Suitable for	Order no.	Page
Glass sensors comfort		page 781
Glass sensors with thermostat		page 783
KNX thermostat		page 802
KNX object thermostat		page 803
Thermostat, NO contact, with centre plate	2044 ..	135
Thermostat, NO contact, with centre plate, for underfloorhe ating	2034 ..	136

Design	Order no.	PU
Temperature sensor	**161**	1

Physical sensors



Brightness sensor 3gang RMD

Operating voltage over bus	21 ... 32 V=
Brightness measuring range	1 ... 100 lx
Brightness measuring range 2	0.1 ... 20 klx
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	60 mm
Width of rail mounted device (RMD)	2 TE
Dimensions, RMD module (W x H x D)	35.8 x 86 x 66 mm
Dimensions, sensor (W x H x D)	27 x 86 x 38 mm

- three brightness limit values for independent control of switching channels
- switch-on delay, hysteresis and cyclical transmission programmable
- brightness-dependent control of light scenes
- with programming button and red programming LED
- with surface-mounted brightness sensor IP65
- with integral bus coupling unit
- bus connection via connecting terminal
- with screw terminals

Design	Order no.	PU
light grey	**7521 30 06**	1



Brightness and temperature sensor surface-mounted

Operating voltage over bus	21 ... 32 V=
Brightness measuring range, linear	1 lx ... 100 klx
Temperature measuring range, linear	-25 ... +55 °C
Operating temperature	-25 ... +55 °C
Dimensions (W x H x D)	72 x 110 x 54 mm

- 4 independent channels with individual limit values for processing brightness and/or temperature
- logic AND operation of the limit values can be set for each channel
- additional sun protection channel with objects for Venetian blind control
- with integral bus coupling unit
- bus connection via connecting terminal
- teach object for brightness limit value for each channel

IP54

Design	Order no.	PU
polar white	**7549 20 02**	1

Weather stations



Weather station surface-mounted

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Rated current (heating incl.)	300 mA
Temperature measuring range, linear	-20 ... +55 °C
Brightness measuring range, linear (east, south, west)	0 ... 110 klx
Twilight measuring range, linear	0 ... 674 lx
Measuring range, wind speed	1 ... 40 m/s
Precipitation (Yes/No)	1 bit
Spectral range	≈ 700 ... 1050 nm
Operating temperature	-20 ... +55 °C
Sensor head, rotatable by	± 90 °
Weight	≈ 240 g

- with heater element for winter operation
- brightness measuring is possible in 3 directions
- with wind, precipitation, twilight, temperature and 3 brightness sensors
- with integral bus coupling unit
- bus connection via connecting terminal
- with logic gates for linking the limiting value results
- with blocking modules for filtering input objects depending on blocking objects
- delay times and hysteresis adjustable
- software protected operation supervision for wind sensor
- with magnet for programming reed contact and red programming LED
- with plug-in terminals for power supply
- for wall mounting

IP44

Ensure correct orientation and free-standing installation.

For detection of wind, precipitation, temperature and brightness, and to process the signals.

Suitable for	Order no.	Page
Power supply 24 V AC RMD	7591 00 01	808
optional		
Mast fixing for controllers/sensors	154	107
Corner mounting piece for controllers/sensors	149 09	107
replacement		
Programming magnet	7590 00 19	823

Design	Order no.	PU
aluminium, matt, lacquered	**7549 00 01**	1



Weather station 4gang comfort RMD

Frequency	50/60 Hz
Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Voltage, inputs	0-1; 0-10 V
Input impedence, voltage	18 kΩ
Output voltage	24 V=
Sensor output voltage	24 V=
Sensor output current	max. 100 mA
Inputs, current	0-20; 4-20 mA
Input impedence, current	100 Ω
Limit values	per channel 2
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

For detection of wind, precipitation, temperature and brightness, and to process the signals.
Input signals to according to DIN IEC 381-1, -2

- processing of the DCF77 time signal of the combination sensor for input in KNX
- with green/red status LED (operation/fault)
- cyclic supervision of the combination sensor
- with programming button and red programming LED
- for active and passive sensors
- for surface-mounted combination weather sensor
- for wind, precipitation, brightness, temperature, twilight as well as humidity and temperature sensor, surface-mounted
- conclusiveness test and cyclic supervision of the combi weather sensor signals
- extendable with an analogue input module 4gang
- bus connection via connecting terminal
- inputs parameterisable can be set individually
- with logic gates for linking the limiting value results
- input 4-20 mA will be controlled for wire break
- delay times and hysteresis adjustable
- software protected operation supervision for wind sensor
- with screw terminals

Suitable for	Order no.	Page
Power supply 24 V AC RMD	7591 00 01	808
Wind sensor surface-mounted	7590 00 50	807
Precipitation sensor surface-mounted	7590 00 52	807
Brightness sensor surface-mounted	7590 00 53	806
Temperature sensor surface-mounted	7590 00 54	808
Twilight sensor surface-mounted	7590 00 55	807
Combi sensor surface-mounted	7590 00 57	806
optional		
Analogue input module 4gang	7542 40 04	806

Design	Order no.	PU
light grey	**7541 40 03**	1

Analogue inputs



Analogue input 4gang RMD

Frequency	50/60 Hz
Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Voltage, inputs	0-1; 0-10 V
Input impedence, voltage	18 kΩ
Sensor output voltage	24 V=
Sensor output current	max. 100 mA
Current consumption	170 mA
Inputs, current	0-20; 4-20 mA
Input impedence, current	100 Ω
Limit values	per channel 2
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

The analogue input is for the registration and treatment of independent analogue sensor signals. Depending on the input signal, limiting value messages can be transmitted via KNX.
Input signals to according to DIN IEC 381-1, -2

- with green/red status LED (operation/fault)
- with programming button and red programming LED
- for active sensors
- for wind, precipitation, brightness, temperature, twilight as well as humidity and temperature sensor, surface-mounted
- extendable with an analogue input module 4gang
- bus connection via connecting terminal
- inputs parameterisable can be set individually
- input 4-20 mA will be controlled for wire break
- cyclic transmission or transmission at absolute input modification settable
- with screw terminals
- with system interface for analogue input module

Suitable for	Order no.	Page
Power supply 24 V AC RMD	7591 00 01	808
Wind sensor surface-mounted	7590 00 50	807
Precipitation sensor surface-mounted	7590 00 52	807
Brightness sensor surface-mounted	7590 00 53	806
Temperature sensor surface-mounted	7590 00 54	808
Twilight sensor surface-mounted	7590 00 55	807
optional		
Analogue input module 4gang	7542 40 04	806

Design	Order no.	PU
light grey	**7541 40 04**	1



Analogue input module 4gang

Frequency	50/60 Hz
Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Voltage, inputs	0-1; 0-10 V
Input impedence, voltage	18 kΩ
Sensor output voltage	24 V=
Sensor output current	max. 100 mA
Current consumption	170 mA
Inputs, current	0-20; 4-20 mA
Input impedence, current	100 Ω
Limit values	per channel 2
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

- with green/red status LED (operation/fault)
- for active sensors
- for wind, precipitation, brightness, temperature, twilight as well as humidity and temperature sensor, surface-mounted
- as extension for analogue input 4gang and weather station 4gang comfort
- input 4-20 mA will be controlled for wire break
- with screw terminals

Suitable for	Order no.	Page
Weather station 4gang comfort RMD	7541 40 03	805
Analogue input 4gang RMD	7541 40 04	805

Input signals to according to DIN IEC 381-1, -2

Design	Order no.	PU
light grey	**7542 40 04**	1

Sensors for weather station/analogue input



IP55

Combi sensor surface-mounted

Output load voltage	> 1.5 kΩ
Heating voltage via weather station	24 V~
Rated current (heating incl.)	600 mA
Brightness measuring range, linear (east, south, west)	0 ... 100 klx
Twilight measuring range, linear	0 ... 250 lx
Precipitation (Yes/No)	1 bit
Switch-on delay [Precipitation particles]	≈ 3
Switch-off delay on precipitation	≈ 2 min
Measuring range, wind speed	1 ... 40 m/s
Spectral range	≈ 700 ... 1050 nm
Operating temperature	-40 ... +60 °C
Line length	10 m
Cable length extendable to	max. 50 m
Conductor cross-section	6 x 0.25 mm²
Length, mounting bracket	150 mm
Dimensions (Ø x H)	130 x 200 mm

- with wind, precipitation, twilight and 3 brightness sensors
- conclusiveness test and cyclic supervision of the sensor signals with weather station comfort
- with radio receiver for the DCF77 signal
- with mounting angle and pipe clamp
- for wall and mast assembly
- for the connection to the weather station 4gang comfort RMD with voltage supply
- with PTC heater element for winter operation
- brightness measuring is possible in 3 directions
- DCF77 antenna 45° rotatable
- with operation/status buzzer
- with magnet and initialisation reed contact
- confectioned with 6-core wire and plug-in terminals

Suitable for	Order no.	Page
Weather station 4gang comfort RMD	7541 40 03	805
Power supply 24 V AC RMD	7591 00 01	808
replacement		
Programming magnet	7590 00 19	823

Ensure correct orientation and free-standing installation.
For detection of wind, rainfall, sun and twilight.

Design	Order no.	PU
black	**7590 00 57**	1



IP65

Brightness sensor surface-mounted

Operating voltage	24 V=
Output load voltage	> 1 kΩ
Rated current	0.005 A
Brightness measuring range, linear	0 lx ... 60 klx
Operating temperature	-30 ... +70 °C
Line length	max. 100 m
Conductor cross-section	3 x 0.25 mm²
Dimensions (W x H x D)	58 x 64 x 35 mm

To detect ambient brightness.

- passive sensor
- with screw terminals
- for connection to analogue input and input module 4gang RMD with power supply
- for the connection to the weather station 4gang comfort RMD with voltage supply
- converts the measured values into 0-10 V signals
- with threaded joint dia. 12.5 mm (PG 7)

Suitable for	Order no.	Page
Weather station 4gang comfort RMD	7541 40 03	805
Analogue input 4gang RMD	7541 40 04	805
Analogue input module 4gang	7542 40 04	806
optional		
Mast adapter for surface-mounted sensors	7590 00 46	809

Design	Order no.	PU
grey	**7590 00 53**	1



IP65

Twilight sensor surface-mounted

Operating voltage	24 V=
Output load voltage	> 1 kΩ
Rated current	0.005 A
Brightness measuring range, linear	0 ... 255 lx
Operating temperature	-30 ... +70 °C
Line length	max. 100 m
Conductor cross-section	3 x 0.25 mm²
Dimensions (W x H x D)	58 x 64 x 35 mm

To detect ambient brightness.

- passive sensor
- with screw terminals
- for connection to analogue input and input module 4gang RMD with power supply
- for the connection to the weather station 4gang comfort RMD with voltage supply
- converts the measured values into 0-10 V signals
- with threaded joint dia. 12.5 mm (PG 7)

Suitable for	Order no.	Page
Weather station 4gang comfort RMD	7541 40 03	805
Analogue input 4gang RMD	7541 40 04	805
Analogue input module 4gang	7542 40 04	806
optional		
Mast adapter for surface-mounted sensors	7590 00 46	809

Design	Order no.	PU
grey	**7590 00 55**	1



IP65

Wind sensor surface-mounted

Operating voltage	24 V=
Output load voltage	> 1.5 kΩ
Rated current (excluding heater)	12 mA
Measuring range, wind speed	0.7 ... 40 m/s
Operating temperature	-25 ... +60 °C
Line length	3 m
Cable length extendable to	max. 100 m
Conductor cross-section	6 x 0.25 mm²
Length, wall bracket	150 mm
Dimensions (Ø x H)	134 x 160 mm

To detect wind speed.

- passive sensor
- for connection to analogue input and input module 4gang RMD with power supply
- for the connection to the weather station 4gang comfort RMD with voltage supply
- with PTC heater element for winter operation
- converts the measured values into 0-10 V signals
- pre-assembled, with cable

Suitable for	Order no.	Page
Weather station 4gang comfort RMD	7541 40 03	805
Analogue input 4gang RMD	7541 40 04	805
Analogue input module 4gang	7542 40 04	806
Power supply 24 V AC RMD	7591 00 01	808
optional		
Mast adapter for surface-mounted sensors	7590 00 46	809

Design	Order no.	PU
white	**7590 00 50**	1



IP65

Precipitation sensor surface-mounted

Operating voltage	24 V=
Output load voltage	> 1 kΩ
Rated current (excluding heater)	10 mA
Operating temperature	-30 ... +70 °C
Line length	3 m
Cable length extendable to	max. 100 m
Conductor cross-section	5 x 0.25 mm²
Dimensions sensor (L x W x H)	60 x 82 x 17 mm
Dimensions, mounting bracket (W x H x D)	90 x 91 x 78 mm
Mast Ø	max. 62 mm

For detection of precipitation.

- passive sensor
- with stainless steel mounting bracket approx. 70°
- with pipe clamp for mast fixing
- for connection to analogue input and input module 4gang RMD with power supply
- for the connection to the weather station 4gang comfort RMD with voltage supply
- with PTC heater element for drying
- converts the measured values into 0 and 10 V signals
- pre-assembled, with cable

Suitable for	Order no.	Page
Weather station 4gang comfort RMD	7541 40 03	805
Analogue input 4gang RMD	7541 40 04	805
Analogue input module 4gang	7542 40 04	806
Power supply 24 V AC RMD	7591 00 01	808
optional		
Mast adapter for surface-mounted sensors	7590 00 46	809

Design	Order no.	PU
grey	**7590 00 52**	1



IP65

Temperature sensor surface-mounted

Operating voltage	24 V=
Output load voltage	> 1 kΩ
Rated current	≈ 3 mA
Temperature measuring range, linear	-30 ... +70 °C
Operating temperature	-30 ... +70 °C
Line length	max. 100 m
Conductor cross-section	3 x 0.25 mm²
Dimensions (W x H x D)	58 x 64 x 35 mm

To detect ambient temperature.

- passive sensor
- with screw terminals
- for connection to analogue input and input module 4gang RMD with power supply
- for the connection to the weather station 4gang comfort RMD with voltage supply
- converts the measured values into 0-10 V signals
- with threaded joint dia. 12.5 mm (PG 7)

Suitable for	Order no.	Page
Weather station 4gang comfort RMD	7541 40 03	805
Analogue input 4gang RMD	7541 40 04	805
Analogue input module 4gang	7542 40 04	806
optional		
Mast adapter for surface-mounted sensors	7590 00 46	809

Design	Order no.	PU
grey	**7590 00 54**	1

Supplementary products



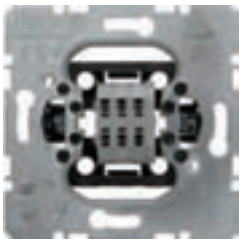
Power supply 24 V AC RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	24 V~
Output current	max. 1 A
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

- for weather station comfort as well as analogue input and actuator 4gang RMD
- short-circuit-proof and overload proof (thermal protection)
- with screw terminals

Suitable for	Order no.	Page
Weather station 4gang comfort RMD	7541 40 03	805
Analogue input 4gang RMD	7541 40 04	805
Weather station surface-mounted	7549 00 01	804
Analogue actuator 4gang RMD	7551 40 01	825
Combi sensor surface-mounted	7590 00 57	806
Wind sensor surface-mounted	7590 00 50	807
Precipitation sensor surface-mounted	7590 00 52	807
IP router RMD	7501 00 16	833

Design	Order no.	PU
light grey	**7591 00 01**	1



Sensor insert

- e.g. for temperature sensor PT100
- with plug-in terminals
- without spreader claws

Design	Order no.	PU
Sensor insert	**7594 10 01**	10



Central plate for sensor insert

Caution!
Use only with intermediate ring for central plate from the corresponding range.
Labelling field cannot be used.

- e.g. for temperature sensor PT100
- with slots for air circulation

Design	Order no.	PU
Berker S.1/B.3/B.7, Modul 2, Q.1/Q.3, K.1/K.5, Arsys		
white glossy	**7594 04 02**	1
polar white glossy	**7594 04 09**	1
polar white matt/velvety	**7594 04 89**	1
anthracite matt	**7594 04 85**	1
aluminium matt, lacquered	**7594 04 83**	1
light bronze matt, lacquered	**7594 04 04**	1
stainless steel matt, lacquered	**7594 04 03**	1



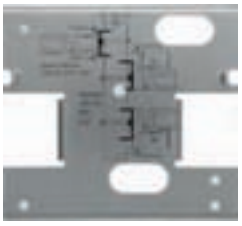
Mast adapter for surface-mounted sensors

Dimensions (W x H x D) 70 x 64 x 60 mm
Mast Ø 42 mm

- for wind, precipitation, brightness, temperature and twilight sensor, surface-mounted
- for installation of max. 4 surface-mounted sensors

Suitable for	Order no.	Page
RolloTec wind sensor	172 01	129
Wind sensor surface-mounted	7590 00 50	807
Precipitation sensor surface-mounted	7590 00 52	807
Brightness sensor surface-mounted	7590 00 53	806
Temperature sensor surface-mounted	7590 00 54	808
Twilight sensor surface-mounted	7590 00 55	807

Design	Order no.	PU
black	**7590 00 46**	1



Mast fixing for controllers/sensors

Mast Ø 50 ... 120 mm

Suitable for	Order no.	Page
Radio controller surface-mounted	1 7401 09	695
System controller 180°	151 09	105
System controller 240°	152 09	105
Weather station surface-mounted	7549 00 01	804

Design	Order no.	PU
Mast fixing for controllers/sensors	**154**	1



Corner mounting piece for controllers/sensors

- for mounting, e.g. on building corners

Suitable for	Order no.	Page
Radio controller surface-mounted	1 7401 09	695
System controller 180°	151 09	105
System controller 240°	152 09	105
Weather station surface-mounted	7549 00 01	804

Design	Order no.	PU
polar white glossy	**149 09**	1

Universal interfaces

- With programming button and red programming LED
- Single and two push-button operation parameterisable
- Extension unit for light scene push-button
- Bus connection via connecting terminal



Universal interface 2gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 5 V
Output current per channel	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	≈ 250 mm
Cable length extendable to	max. 5 m
Dimensions (L x W x H)	43 x 28.5 x 15.5 mm

- for impulse counter function, input 2 is required for the synchronising signal
- functions: impulse counter or switch counter for input 1
- for switch, push-button, dimmer and shutter functions
- 2 binary inputs, 2 outputs or 1 binary input and 1 output parameterisable
- with 2 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- one push-button operation for switching, pushing, shutters and dimming
- shutter operation concept short-long-short and long-short parameterisable
- object for logic operations (e.g. OR/AND/AND with feedback)
- objects for locking individual inputs and outputs
- objects: switching, forced guidance and feedback of respective output
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- cyclic transmission parameterisable for switching function

Suitable for	Order no.	Page
Detectors/sensors		page 842
Activating devices		page 845

Design	Order no.	PU
light grey	**7564 20 01**	1



Universal interface 4gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 5 V
Output current for channel 1 and channel 2	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	≈ 250 mm
Cable length extendable to	max. 5 m
Dimensions (L x W x H)	43 x 28.5 x 15.5 mm

- for impulse counter function, inputs 3 and 4 are required for the synchronising signal
- functions: impulse counter or switch counter for inputs 1 and 2
- for switch, push-button, dimmer and shutter functions
- 4 binary inputs or 2-3 binary inputs and 1-2 outputs parameterisable
- with 4 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- one push-button operation for switching, pushing, shutters and dimming
- shutter operation concept short-long-short and long-short parameterisable
- object for logic operations (e.g. OR/AND/AND with feedback)
- objects for locking individual inputs and outputs
- objects: switching, forced guidance and feedback of respective output
- value transmitter for dimming, position, brightness and temperature values 1 and 2 byte
- cyclic transmission parameterisable for switching function

Suitable for	Order no.	Page
Detectors/sensors		page 842
Activating devices		page 845

Design	Order no.	PU
light grey	**7564 40 01**	1



Universal interface 8gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 20 V
Output current per channel	max. 0.8 mA
Operating temperature	-5 ... +45 °C
Line length	max. 10 m
Dimensions (W x H x D)	44 x 48 x 32 mm

- for switch, push-button, dimmer and shutter functions
- 8 binary inputs, 8 outputs or 4 binary inputs and 4 outputs parameterisable
- with 8 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- one push-button operation for switching, pushing and dimming
- shutter operation concept short-long-short and long-short parameterisable
- second operating level by object or 3-button handle (only 8-input application)
- object for audio/video control
- objects: switching, forced guidance, feedback of respective output (only for application 4 inputs/4 outputs)
- dimming / position value transmitter 1 byte
- cyclic transmission can also be started via switching object
- short-circuit and overload proof (electronic fuse)
- protected against polarity reversal
- with screw terminals

Suitable for	Order no.	Page
Detectors/sensors		page 842
Activating devices		page 845

Design	Order no.	PU
black	**7564 80 01**	1

Binary inputs



Binary input 4gang RMD 230 V

Operating voltage over bus	21 ... 32 V=
Neon lamp current	max. 2 mA
Signal voltage	110 ... 230 V~/=
Signal frequency	50/60 Hz
Signal current	7 mA
Signal duration	200 ms ... 100 % ED
Operating temperature	-5 ... +45 °C
Input cable length	max. 100 m
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	36 x 90 x 65 mm
Width of rail mounted device (RMD)	2 TE

- with 4 yellow status LEDs for input states
- with programming button and red programming LED
- bus connection via connecting terminal
- with 4 independent binary inputs with separate neutral conductor
- suitable for different external conductors
- with screw terminals

Detects the presence of or change in a voltage level at its inputs and, depending on the chosen application, sends telegrams over the KNX.

Design	Order no.	PU
light grey	**7521 40 08**	1



Binary input 8gang RMD 230 V

Operating voltage over bus	21 ... 32 V=
Neon lamp current	max. 2 mA
Signal voltage	110 ... 230 V~/=
Signal frequency	50/60 Hz
Signal current	7 mA
Signal duration	200 ms ... 100 % ED
Operating temperature	-5 ... +45 °C
Input cable length	max. 100 m
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	72 x 90 x 65 mm
Width of rail mounted device (RMD)	4 TE

- with 8 yellow status LEDs for input states
- with programming button and red programming LED
- bus connection via connecting terminal
- with 8 independent binary inputs with separate neutral conductor
- suitable for different external conductors
- with screw terminals

Detects the presence of or change in a voltage level at its inputs and, depending on the chosen application, sends telegrams over the KNX.

Design	Order no.	PU
light grey	**7521 80 01**	1



KNX binary input 6gang RMD 24 V AC/DC

Operating voltage over bus	21 ... 32 V=
Signal voltage	8 ... 42 V~/=
Signal frequency	50/60 Hz
Signal current	4 mA
Signal duration	200 ms ... 100 % ED
Operating temperature	-5 ... +45 °C
Input cable length	max. 100 m
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	36 x 90 x 65 mm
Width of rail mounted device (RMD)	2 TE

- with 6 yellow status LEDs for input states
- with programming button and red programming LED
- bus connection via connecting terminal
- with 6 independent binary inputs with 2 GND connections
- with screw terminals

External power supply 24 V necessary!
Detects the presence of or change in a voltage level at its inputs and, depending on the chosen application, sends telegrams over the KNX.

Design	Order no.	PU
light grey	**7521 60 01**	1

Time switches



Week time switch 2gang RMD

Operating voltage over bus	21 ... 32 V=
Power reserve [years]	≈ 5 a
Operating temperature	+0 ... +45 °C
Width of rail mounted device (RMD)	2 TE
Dimensions (W x H x D)	35.8 x 86 x 65 mm
Assembling height as from DIN rail	60 mm

- with holiday switching
- date and time factory pre-programmed
- with integral bus coupling unit
- bus connection via connecting terminal
- with screw terminals
- German/English display menu
- with automatic summer/winter time change-over

Design	Order no.	PU
light grey	**7521 20 06**	1



Annual time switch 4gang RMD

Frequency	50/60 Hz
Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Number of memory slots	324
Number of weekly programs	9
Power reserve [years]	≈ 1.5 a
Operating temperature	-5 ... +45 °C
Width of rail mounted device (RMD)	6 TE
Dimensions (W x H x D)	105 x 86 x 66 mm
Assembling height as from DIN rail	60 mm

- with programming button
- temporary/permanent manual operation
- with red programming LED
- with interface for OBELISK memory card
- with day, weeks and year programme
- with random programme
- programming at timer or using OBELISK
- with integral bus coupling unit
- with emergency power supply coin cell battery 3 V type: CR 2450
- bus connection via connecting terminal
- with screw terminals
- with automatic summer/winter time change-over

Suitable for	Order no.	Page
Programming set	7590 00 48	814
Memory card for annual timer	7590 00 49	813

Design	Order no.	PU
light grey	**7521 40 07**	1



4gang annual timer RMD for DCF receiver

Frequency	50/60 Hz
Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Number of memory slots	324
Number of weekly programs	9
Power reserve [years]	≈ 1.5 a
Operating temperature	-5 ... +45 °C
Width of rail mounted device (RMD)	6 TE
Dimensions (W x H x D)	105 x 86 x 66 mm
Assembling height as from DIN rail	60 mm

- with programming button
- temporary/permanent manual operation
- with red programming LED
- with interface for OBELISK memory card
- with day, weeks and year programme
- with random programme
- programming at timer or using OBELISK
- with integral bus coupling unit
- with emergency power supply coin cell battery 3 V type: CR 2450
- bus connection via connecting terminal
- with screw terminals
- with connection for DCF receiver
- with automatic summer/winter time change-over

Suitable for	Order no.	Page
DCF receiver	7590 00 47	814
Programming set	7590 00 48	814
Memory card for annual timer	7590 00 49	813

Design	Order no.	PU
light grey	**7521 40 06**	1

Accessories



Memory card for annual timer

Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	28 x 60 x 7 mm

- for 4gang RMD year timer 4gang RMD DCF recipient

Suitable for	Order no.	Page
4gang annual timer RMD for DCF receiver	7521 40 06	813
Annual time switch 4gang RMD	7521 40 07	813
Programming set	7590 00 48	814

Design	Order no.	PU
light grey	**7590 00 49**	1



Time transmitter RMD

Operating voltage over bus	21 ... 32 V=
Lithium cell power reserve [years]	≈ 10
Dimensions (W x H x D)	36 x 90 x 66 mm
Width of rail mounted device (RMD)	2 TE
Assembling height as from DIN rail	60 mm

- suitable for shade systems with sun level calculation
- automatic summer-/winter time change-over (can be switched off)
- transmits time and date to the bus
- time zone and summer/winter time change-over configurable flexibly
- either Quartz operation or radio synchronisation by DCF77 time signal
- with red status LED for DCF77 reception

Suitable for	Order no.	Page
DCF receiver	7590 00 47	814

Design	Order no.	PU
light grey	**7591 00 02**	1



DCF receiver

Operating temperature	-20 ... +70 °C
Line length	max. 200 m
Dimensions (W x H x D)	64 x 98 x 34 mm

Caution! Only for connection to year timer switch 4gang RMF for DCF receiver, order no. 7521 40 06, and time transmitter RMD order no. 75910002.

- with radio receiver for the DCF77 signal
- with wall bracket and screw fitting

Suitable for	Order no.	Page
Time transmitter RMD	7591 00 02	813
4gang annual timer RMD for DCF receiver	7521 40 06	813

IP54

Design	Order no.	PU
polar white	**7590 00 47**	1



Programming set

Operating temperature	-5 ... +45 °C

- with PC software on CD-ROM
- with OBELISK memory card
- system requirements: at least 486 DX processor; Windows 95 or later
- with programming adapter
- programming language selectable: D/GB/F/NL/I/P/PL/H/S/N/DK/FIN

Suitable for	Order no.	Page
4gang annual timer RMD for DCF receiver	7521 40 06	813
Annual time switch 4gang RMD	7521 40 07	813
Memory card for annual timer	7590 00 49	813

Design	Order no.	PU
Programming set	**7590 00 48**	1

Combination actuators RMD



Room actuator 4/2gang RMD

Auxiliary voltage	230 V~
Operating voltage over bus	21 ... 32 V=
Switching current for electronic outputs	max. 50 mA
Making current	max. 800 A /200 µs
max. switching capacity at	230 V~
230 V incandescent lamps	3000 W
230 V halogen lamps	2500 W
Conventional transformers	1200 W
Electronic transformers	1500 W
Fluorescent lamps:	
- uncompensated	1000 W
- parallel compensated	1160 W /140 µF
- duo circuit	2300 W /140 µF
Ballasts:	
- Osram EB QT-FH 4 x 14 W	10
- Osram EB QT-FQ 2 x 54 W	11
- Osram EB QTP 2 x 58 W	11
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

Follow the motor manufacturers' instructions.

Optimised for commissioning with ETS3 from version D, patch A.

- for individual single room temperature control
- for continuous (PI) or switched (2-point) control
- with 6 red status LEDs and 3 red LEDs as manual actuation indication
- any combined operation from drive and switching functions possible
- 4 manual operation buttons for channel/device for on/off (up/down) and bus function On/Off
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- 2 additional electronic outputs (Triac) for connecting thermoelectric valve drives 230 V
- 4 outputs for switching from independent loads or activation of 2 drives
- suitable to switch different external conductors
- with emergency programme, e.g. for sensor or bus failure
- with 4 potential-free NO contacts as well as normally-closed contact can be parameterised
- with screw terminals

Design	Order no.	PU
light grey	**7531 40 19**	1



Switch actuator/blind actuator RMD

- Screw terminals

Auxiliary voltage	230 V~
Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Making current	max. 800 A /200 µs
max. switching capacity at	230 V~
230 V incandescent lamps	3000 W
230 V halogen lamps	2500 W
Conventional transformers	1500 W
Electronic transformers	1800 W
electric drives	1300 VA
Capacitive load	16 A , max. 140 µF
Fluorescent lamps:	
- uncompensated	1000 W
- compensated	1160 W /140 µF
- duo circuit	2300 W /140 µF
OSRAM EB:	
- QTP 2 x 58 W	11
- QT-FH 2 x 28 W	17
- QT-FQ 2 x 54 W	11
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm

Follow the motor manufacturers' instructions.

For switching of independent loads or activation of drives.

- with 3 red LEDs for status display of manual actuation
- with red status LED for each switching actuator channel
- any combined operation from drive and switching functions possible
- for switching, e.g. of 8 independent loads or activation of 4 drives
- with programming button and red programming LED
- shutter operation concept short-long-short and long-short parameterisable
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- suitable to switch different external conductors
- with potential-free NO contacts as well as NC contact parameterisable
- with screw terminals

Design	Order no.	PU
8 control channels/4 blind actuator channels		
light grey, 8/4gang [1]	**7531 80 03**	1
16 control channels/8 blind actuator channels		
light grey, 16/8gang [2]	**7531 00 02**	1



[1] dimensions (W x H x D): 72 x 90 x 70 mm, 4 modules
[2] dimensions (W x H x D): 144 x 90 x 70 mm, 8 modules

Switch actuators RMD



Switch actuator, RMD

Operating voltage over bus	21 ... 32 V=
Making current	max. 400 A /150 µs
max. switching capacity at	230 V~
230 V incandescent lamps and halogen lamps	2500 W
Conventional transformers	1200 W
Electronic transformers	1500 W
Capacitive load	16 A , max. 140 µF
Fluorescent lamps:	
- uncompensated	2500 W
- parallel compensated	1300 W
- duo circuit	2300 W /140 µF
OSRAM EB:	
- QT-FH 2 x 28 W	17
- QT-FQ 2 x 54 W	11
- QTP 2 x 58 W	11
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm

- suitable to switch different external conductors
- with manual selection switch per channel for on/off and status indication
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- with potential-free NO contacts as well as NC contact parameterisable
- with screw terminals

For switching of independent loads.

Optimised for commissioning with ETS3 from version D, patch A.





Design	Order no.	PU
2 independent switch actuators		
light grey, 2gang [1]	**7531 20 08**	1
4 independent switch actuators		
light grey, 4gang [1]	**7531 40 15**	1
8 independent switch actuators		
light grey, 8gang [2]	**7531 80 04**	1

[1] dimensions (W x H x D): 72 x 90 x 70 mm, 4 modules
[2] dimensions (W x H x D): 144 x 90 x 70 mm, 8 modules



Switch actuator, RMD for c load

Operating voltage over bus	21 ... 32 V=
Making current	max. 600 A /150 µs
max. switching capacity at	230 V~
230 V incandescent lamps and halogen lamps	3680 W
Conventional transformers	2000 W
Electronic transformers	2500 W
Capacitive load	16 A , max. 200 µF
Fluorescent lamps:	
- uncompensated	3680 W
- compensated	2500 W /200 µF
- duo circuit	2500 W /200 µF
OSRAM EB:	
- QT-FH 2 x 28 W	25
- QT-FQ 2 x 54 W	17
- QTP 2 x 58 W	17
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm

- suitable to switch different external conductors
- with manual selection switch per channel for on/off and status indication
- with programming button and red programming LED
- switchover with lockout of KNX function to permanent manual operation including master function
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- with potential-free NO contacts as well as NC contact parameterisable
- with screw terminals

Optimised for commissioning with ETS3 from version D, patch A.
For switching of independent loads.

Design	Order no.	PU
4 independent switch actuators		
light grey, 4gang [1]	**7531 40 16**	1
8 independent switch actuators		
light grey, 8gang [2]	**7531 80 05**	1



[1] dimensions (W x H x D): 72 x 90 x 70 mm, 4 modules
[2] dimensions (W x H x D): 144 x 90 x 70 mm, 8 modules



Switch actuator 6gang RMD

Operating voltage over bus	21 ... 32 V=
max. switching capacity at	230 V~
230 V incandescent lamps	1000 W
Fluorescent lamps:	
- uncompensated at cos φ = 0.5	500 W
- parallel compensated at cos φ = 1	108 W /14 µF
- Duo circuit at cos φ = 1	2 x 500 W
with Siemens EB	15x18, 15x36, 10x58 W
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	72 x 90 x 65 mm
Width of rail mounted device (RMD)	4 TE

- for switching, e.g. of 6 independent loads
- suitable to switch different external conductors
- with programming button and red programming LED
- bus connection via connecting terminal
- with potential-free NO contacts as well as NC contact parameterisable
- with screw terminals

Suitable for	Order no.	Page
Electromechanical blocking element	9108	846

For switching of independent loads.
Optimised for commissioning with ETS3 from version D, patch A.

Design	Order no.	PU
light grey	**7531 60 02**	1

Dim actuators RMD

Universal dim actuators



Universal dim actuator 1gang RMD

- Screw terminals

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Control voltage	110 ... 230 V~
230 V incandescent lamps and halogen lamps	20 ... 500 W
Dimmable conventional transformers	20 ... 500 VA
Electronic transformers	20 ... 500 W
Dimmable energy-saving lamps	7 ... 100 W
Dimmable LED lamps	7 ... 100 W
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

No automatic load detection of LED and energy-saving lamps.

Do not connect conventional transformers together with electronic transformers.

Optimised for commissioning with ETS3 from version D, patch A.

- operating hours counter as forward or backward counter per channel
- stairway function with switch-off warning according to DIN 18015-2
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- operating with LED and energy-saving lamps according to appropriate ETS configuration
- also useable as speed controller for single-phase motors
- 4 manual operation buttons for channel/device for on/off (up/down) and bus function On/Off
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- bus connection via connecting terminal
- with screw terminals

Suitable for optional	Order no.	Page
Universal power booster Plus RMD	1 6599 01	59

Design	Order no.	PU
light grey	**7531 10 08**	1

New



Universal dim actuator 1gang RMD 300 W

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	300 W
Dimmable conventional transformers	300 VA
Electronic transformers	300 W
Dimmable energy-saving lamps	60 W
Dimmable 230 V retrofit LED lamps	60 W
Quantity of dimmable, 230 V retrofit LED lamps	max. 8
Operating temperature	-5 ... +45 °C
Width of rail mounted device (RMD)	4 TE

Do not connect conventional transformers together with electronic transformers.

- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values settable on device
- specification of the load type possible using button on the device
- status LED integrated into the manual operation button
- selection switch for manual/bus operation as well as load setting
- with illuminated programming button
- manual operation can be activated via selection switch
- manual operation using button (single-area operation)
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- with plug-in terminals

Suitable for optional	Order no.	Page
Universal power booster Plus RMD	1 6599 01	59

Design	Order no.	PU
light grey	* **7531 10 09**	1

New



Universal dim actuator 1gang RMD 600 W

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	600 W
Dimmable conventional transformers	600 VA
Electronic transformers	600 W
Dimmable energy-saving lamps	60 W
Dimmable 230 V retrofit LED lamps	120 W
Quantity of dimmable, 230 V retrofit LED lamps	max. 10
Operating temperature	-5 ... +45 °C
Width of rail mounted device (RMD)	4 TE

Do not connect conventional transformers together with electronic transformers.

- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values settable on device
- specification of the load type possible using button on the device
- status LED integrated into the manual operation button
- selection switch for manual/bus operation as well as load setting
- with illuminated programming button
- manual operation can be activated via selection switch
- manual operation using button (single-area operation)
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- with plug-in terminals

Suitable for optional	Order no.	Page
Universal power booster Plus RMD	1 6599 01	59

Design	Order no.	PU
light grey	* **7531 10 10**	1



Universal dim actuator 2gang RMD

- Screw terminals

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Control voltage	110 ... 230 V~
230 V incandescent lamps and halogen lamps	per channel 20 ... 300 W
Dimmable conventional transformers	per channel 20 ... 300 VA
Electronic transformers	per channel 20 ... 300 W
Dimmable energy-saving lamps	per channel 7 ... 60 W
Dimmable LED lamps	per channel 7 ... 60 W
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

No automatic load detection of LED and energy-saving lamps.

Do not connect conventional transformers to one output together with electronic transformers.

Optimised for commissioning with ETS3 from version D, patch A.

- operating hours counter as forward or backward counter per channel
- stairway function with switch-off warning according to DIN 18015-2
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- operating with LED and energy-saving lamps according to appropriate ETS configuration
- 4 manual operation buttons for channel/device for on/off (up/down) and bus function On/Off
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- bus connection via connecting terminal
- suitable for different external conductors
- with screw terminals

Suitable for optional	Order no.	Page
Universal power booster Plus RMD	1 6599 01	59

Design	Order no.	PU
light grey	**7531 20 13**	1

New



Universal dim actuator 3gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	per channel 300 W
Dimmable conventional transformers	per channel 300 VA
Electronic transformers	per channel 300 W
Dimmable energy-saving lamps	per channel 60 W
Dimmable 230 V retrofit LED lamps	per channel 60 W
Quantity of dimmable, 230 V retrofit LED lamps	max. 8
Operating temperature	-5 ... +45 °C
Width of rail mounted device (RMD)	6 TE

Do not connect conventional transformers together with electronic transformers.

No connection of various external conductors

- learning function for optimised operation of compact fluorescent lamps and LED luminaires can be activated via the bus
- phase cut-on or cut-off according to load type, self-learning
- minimum/maximum dimming values per channel settable on device
- specification of the load type per channel possible using button on the device
- status LED integrated into the manual operation button
- 1, 2 or 3-channel operation possible
- load coupling of 2 or 3 channels settable to increase output power using selection switch
- selection switch for manual/bus operation as well as load setting
- with illuminated programming button
- manual operation can be activated via selection switch
- manual operation per channel using button (single-area operation)
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- with plug-in terminals

Suitable for optional	Order no.	Page
Universal power booster Plus RMD	1 6599 01	59

Design		Order no.	PU
light grey	*	**7531 30 06**	1



Universal dim actuator 4gang RMD

- Screw terminals



Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Control voltage	110 ... 230 V~
230 V incandescent lamps and halogen lamps	per channel 20 ... 250 W
Dimmable conventional transformers	per channel 20 ... 250 VA
Electronic transformers	per channel 20 ... 250 W
Dimmable energy-saving lamps	per channel 7 ... 50 W
Dimmable LED lamps	per channel 7 ... 50 W
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	144 x 90 x 70 mm
Width of rail mounted device (RMD)	8 TE

No automatic load detection of LED and energy-saving lamps.

Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers to one output together with electronic transformers.

Optimised for commissioning with ETS3 from version D, patch A.

- operating hours counter as forward or backward counter per channel
- stairway function with switch-off warning according to DIN 18015-2
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- operating with LED and energy-saving lamps according to appropriate ETS configuration
- with 4 red status LEDs and 3 red LEDs as manual actuation indication
- increase of output power by parallel switching of several channels
- 4 manual operation buttons for on/off (brighter/darker) and bus function on/off per channel / device
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- expandable with universal power boosters RMD Plus with load cable switched in parallel
- bus connection via connecting terminal
- suitable for different external conductors
- with screw terminals

Suitable for optional	Order no.	Page
Universal power booster Plus RMD	1 6599 01	59

Design	Order no.	PU
light grey	**7531 40 21**	1

1 - 10 V/DALI interfaces



1 - 10 V control unit 3gang RMD

Operating voltage over bus	21 ... 32 V=
Switching current	16 A
Control current	per channel 100 mA
Capacitive load	1000 W , 140 µF
OSRAM EB:	
- QT-FH 1 x 28 W	17
- QT-FH 2 x 28 W	17
- QT-FQ 2 x 80 W	11
Operating temperature	-5 ... +45 °C
Input cable length	max. 500 m with 0,5 mm²
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	72 x 90 x 65 mm
Width of rail mounted device (RMD)	4 TE

Interface to according to DIN EN 61347-2-3

- with red programming LED and red status LED
- for switching and controlling electronic ballasts and 1 - 10 V Tronic transformers, 105 W
- with manual selection switch per channel for on/off and status indication
- with programming button
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- suitable to switch different external conductors
- with potential-free NO contacts
- with screw terminals

Design	Order no.	PU
light grey	**7531 30 05**	1



KNX DALI gateway RMD

Operating voltage over bus	21 ... 32 V=
Operating voltage	110/240 V~
Frequency	50/60 Hz
DALI voltage	16 V= (9,5 … 22,5 V=)
Operating temperature	+5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

Groups 17 to 32 can be implemented with only one DALI device each.

- 2 digit red LED display for group indication in manual operation
- max. 64 DALI devices in max. 16 EIB groups and max. 16 light scenes
- as DALI master and power supply for DALI devices
- for switching and controlling electr. ballasts and Tronic transformer with DALI interface
- 4 manual operation buttons for on/off (brighter/darker) and bus function on/off per channel / device
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- with screw terminals

Design	Order no.	PU
light grey	**7571 00 03**	1

Blind actuators RMD



Blind actuator 4gang RMD 24 V DC

- Screw terminals

Operating voltage over bus	21 ... 32 V=
Supply voltage, channel A1 + A2	max. 24 V= (± 10 %)
Switching current	6 A
Power consumption, KNX	≈ 150 mW
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	72 x 90 x 65 mm
Width of rail mounted device (RMD)	4 TE

Follow the motor manufacturers' instructions.

External power supply 24 V= with protective separation required.

- for activation of max. 4 independent 24 V= drives
- with 8 red status LEDs and 3 red LEDs as manual actuation indication
- operating mode can be set for shutters or blinds
- 2 x 2-channel operation possible
- with programming button and red programming LED
- switchover with lockout of KNX function to permanent manual operation including master stop
- shutter operation concept short-long-short and long-short parameterisable
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- switching time on change of direction programmable
- with screw terminals
- reduced wiring complexity, one entry for every 2 contacts

Suitable for	Order no.	Page
Power supply 24 V DC 1A	TGA200	788

Design	Order no.	PU
light grey	**7531 40 11**	1



Radio blind actuator RMD 230 V AC/12 - 48 V DC

- Screw terminals

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Switching current	6 A
Switching current at cos φ = 0.8	max. 6 A
max. switching capacity at	230 V~
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm

Follow the motor manufacturers' instructions.

- with 2 red status LEDs per actuator channel
- with 3 red LEDs for status display of manual actuation
- 4 manual operation buttons for channel/device for on/off (up/down) and bus function On/Off
- with programming button and red programming LED
- switchover with lockout of KNX function to permanent manual operation including master stop
- shutter operation concept short-long-short and long-short parameterisable
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- suitable to switch different external conductors
- with screw terminals

Design	Order no.	PU
Blind actuator channels for 4 AC drives or 2 DC dives		
light grey, 4gang 230 V AC or 2gang 12 - 48 V DC [1]	**7531 40 18**	1
Blind actuator channels for 8 AC drives or 4 DC dives		
light grey, 8gang 230 V AC or 4gang 12 - 48 V DC [2]	**7531 80 08**	1



[1] dimensions (W x H x D): 72 x 90 x 70 mm, 4 modules
[2] dimensions (W x H x D): 144 x 90 x 70 mm, 8 modules



Roller shutter actuator 4gang RMD

- Screw terminals

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Frequency	50/60 Hz
Switching current at cos φ = 0.8	max. 6 A
max. switching capacity at	230 V~
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

Follow the motor manufacturers' instructions.

- for activation of max. 4 independent 230 V~ drives
- with 8 red status LEDs and 3 red LEDs as manual actuation indication
- operating mode only roller shutters
- 4 manual operation buttons for channel/device for on/off (up/down) and bus function On/Off
- with programming button and red programming LED
- switchover with lockout of KNX function to permanent manual operation including master stop
- shutter operation concept short-long-short and long-short parameterisable
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- suitable to switch different external conductors
- with screw terminals

Design	Order no.	PU
light grey	**7531 40 22**	1

HVAC actuators RMD



Heating actuator 6gang RMD 230 V

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230/240 V~
Frequency	50/60 Hz
Switching current at 250 V~	max. 50 mA
Actuators per channel	max. 4
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	58 mm
Dimensions (W x H x D)	72 x 90 x 65 mm
Width of rail mounted device (RMD)	4 TE

- valve drives for thermoelectric valve drives 230 V, closed in de-energized state
- for individual single room temperature control
- for continuous (PI) or switched (2-point) control
- with programming button and red programming LED
- bus connection via connecting terminal
- with emergency programme, e.g. for sensor or bus failure
- with screw terminals

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142

Design	Order no.	PU
light grey	**7531 60 03**	1



Fan coil actuator 2gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
230 V incandescent lamps	2300 W
230 V halogen lamps	2300 W
Conventional transformers	1200 W
Electronic transformers	1500 W
Fluorescent lamps:	
- uncompensated	1000 W
- parallel compensated	1160 W /140 µF
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

Comply with the fan convector manufacturer's instructions.

Optimised for commissioning with ETS3 from version D, patch A.

- with 8 red status LEDs and 3 red LEDs as manual actuation indication
- operating modes heating, cooling or heating and cooling
- for the electric activation of fan convectors
- activation of 1 or 2 fan channels with 6 or 3 fan stages
- for converting RTR control variables into valve positions, fan stages
- manual activation of blow fans using push-buttons or the operating panel
- 4 manual operation buttons for controlling fan stages and bus function on/off
- use of free channels to control switching loads
- with programming button and red programming LED
- manual operation also possible without bus, e.g. on building site
- bus connection via connecting terminal
- with screw terminals

Design	Order no.	PU
light grey	**7531 20 12**	1

Valve drives



KNX valve drive

Operating voltage over bus	21 ... 32 V=
Running time	25 s /mm
Stroke	4.5 mm
Operating temperature	+0 ... +50 °C
Medium temperature	max. 100 °C
Pre-assembled cables	≈ 1 m
Dimensions (W x H x D)	46 x 87 x 60 mm
Cap nut (M x L)	M30 x 1.5 mm
Metric thread	M30

IP42 with horizontal installation and IP43 with vertical installation

- suitable for Heimeier heater valve tappets
- with 2 independent binary inputs
- to connect potential-free contacts (e.g. Reed)
- with magnet for programming reed contact and red programming LED

Suitable for replacement	Order no.	Page
Programming magnet	7590 00 19	823

Design	Order no.	PU
polar white	**7550 00 02**	1



Programming magnet

- replacement
- for programming reed contact

Suitable for	Order no.	Page
Weather station surface-mounted	7549 00 01	804
KNX valve drive	7550 00 02	823
Combi sensor surface-mounted	7590 00 57	806

Design	Order no.	PU
white	**7590 00 19**	1



IP54

Valve drive 230 V

Operating voltage	230 V~
Frequency	0 … 60 Hz
Power consumption	1.8 W
Running time	45 s /mm
Stroke	4 mm
Operating temperature	+0 ... +60 °C
Medium temperature	max. 0 ... 100 °C
Pre-assembled cables	≈ 1 m
Dimensions (W x H x D)	44 x 60 x 61 mm

Neutral conductor necessary!

Order valve adapter separately.

- valve drives closed in de-energized state
- thermoelectric mode of operation
- with state indication (opened or closed)
- with overheating protection
- with anti-dismantling protection
- pluggable connection cable
- for plug-in cover

Suitable for	Order no.	Page
Valve adapter for valve drive		page 824
Heating actuator 6gang RMD 230 V	7531 60 03	822
Heating actuator 230 V flush-mounted	7534 10 05	827
Blind and heating actuator 1 + 1gang flush-mounted	7534 10 06	827
Valve adapter for valve drive	7590 00 7 ..	143

Design	Order no.	PU
polar white	**7590 00 76**	1



IP54

Valve drive 24 V AC/DC

Operating voltage	24 V~/=
Frequency	50/60 Hz
Power consumption	1.8 W
Running time	45 s /mm
Stroke	4 mm
Operating temperature	+0 ... +60 °C
Medium temperature	max. 0 ... 100 °C
Line length	max. 200 m
Pre-assembled cables	≈ 1 m
Dimensions (W x H x D)	44 x 60 x 61 mm

Order valve adapter separately.

- valve drives closed in de-energized state
- thermoelectric mode of operation
- with state indication (opened or closed)
- with overheating protection
- with anti-dismantling protection
- pluggable connection cable
- for plug-in cover

Suitable for	Order no.	Page
Heating actuator 24 V AC surface-mounted		page 828
Valve adapter for valve drive	7590 00 7 ..	143

Design	Order no.	PU
polar white	**7590 00 77**	1



Valve adapter for valve drive

Cap nut (M x L)	M30 x 1.5 mm
Metric thread	M30

More valve adapters upon request.

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142
Valve drive 24 V AC/DC	7590 00 77	142

Design	Order no.	PU
grey, VA10, Dumser/Simplex/Beulco (from 2005)	**7590 00 72**	1
dark grey, VA50, Cazzaniga/Honeywell & Braukmann/ Landis & Gyr/Frese/Reich (distributor)/KaMo	**7590 00 73**	1
light grey, VA80, Comap/Empur/Heimeier/Herb/IVAR/ MNG/Onda/Oventrop/Schlösser/Strawa/TA/Thermot	**7590 00 75**	1
polar white, VA78, flane for Danfoss valves, type: RA	**7590 00 74**	1

Analogue actuators



Analogue actuator 4gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Frequency	50/60 Hz
Output load voltage	> 1 kΩ
Voltage, outputs	0 ... 1; 0 ... 10 V
Output current per channel	max. 20 mA
Current consumption	max. 170 mA
Outputs current	0 ... 20, 4 ... 20 mA
Output load current	< 500 Ω
Forced controls (1-bit objects)	per channel 2
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

The analogue actuator receives KNX telegrams and converts them into current and/or voltage signals, e.g. for heating, air conditioning and ventilation systems.
Output signals according to DIN IEC 381

- with green/red status LED (operation/fault)
- with red programming LED
- channels can be adjusted independently
- with programming button
- expandable with 4gang analogue actuator module
- bus connection via connecting terminal
- initial status via status- and/or switch object evaluable
- with 4 independant analogue outputs
- cyclic supervision of the outputs
- with screw terminals
- with system interface for analogue actuator module

Suitable for	Order no.	Page
Power supply 24 V AC RMD	7591 00 01	808
optional		
Analogue actuator module 4gang RMD	7552 40 01	825

Design	Order no.	PU
light grey	**7551 40 01**	1



Analogue actuator module 4gang RMD

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	24 V~
Frequency	50/60 Hz
Output load voltage	> 1 kΩ
Voltage, outputs	0 ... 1; 0 ... 10 V
Output current per channel	max. 20 mA
Current consumption	max. 170 mA
Outputs current	0 ... 20, 4 ... 20 mA
Output load current	< 500 Ω
Forced controls (1-bit objects)	per channel 2
Operating temperature	-5 ... +45 °C
Assembling height as from DIN rail	63 mm
Dimensions (W x H x D)	72 x 90 x 70 mm
Width of rail mounted device (RMD)	4 TE

Output signals according to DIN IEC 381

- with 4 yellow output status LEDs
- with green/red status LED (operation/fault)
- as extension for analogue actuator 4gang
- with 4 independant analogue outputs
- cyclic supervision of the outputs
- with screw terminals
- with system plug for connection to the analogue actuator system interface

Suitable for	Order no.	Page
Analogue actuator 4gang RMD	7551 40 01	825

Design	Order no.	PU
light grey	**7552 40 01**	1

Actuators, flush/surface-mounted



Switch actuator 1gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Making current	max. 400 A /20 ms
max. switching capacity at	230 V~ , 50/60 Hz
230 V incandescent lamps	2500 W
230 V halogen lamps	2200 W
Conventional transformers	1000 VA
Electronic transformers	1000 W
Capacitive load	10 A , max. 105 µF
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 2 x 1,5 mm²
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm
Centre hole Ø	7.5 mm

- binary input functions: Switching, dimming, shutter control and value transmitter
- with programming button and red programming LED
- programmable from ETS2, V1.3
- with 2 independent binary inputs for potential-free contacts
- with potential-free NO contact as well as NC contact parameterisable
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

Design	Order no.	PU
light grey	**7534 10 01**	1



Switch actuator 2gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Making current	max. 120 A /20 ms
max. switching capacity at	230 V~ , 50/60 Hz
230 V incandescent lamps and halogen lamps	1200 W
Conventional transformers	500 VA
Electronic transformers	500 W
Capacitive load	6 A , max. 14 µF
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 3 x 1,5 mm²
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm

- binary input functions: Switching, dimming, shutter control and value transmitter
- for switching, e.g. of 2 independent loads
- with programming button and red programming LED
- programmable from ETS2, V1.3
- with 2 independent binary inputs for potential-free contacts
- with 2 potential-free NO contacts on common entry, as well as NC contact can be parameter
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

Design	Order no.	PU
light grey	**7534 20 01**	1



Universal dim actuator flush-mounted

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Control voltage	230 V~
230 V incandescent lamps and halogen lamps	50 ... 210 W
Dimmable conventional transformers	50 ... 210 VA
Electronic transformers	50 ... 210 W
Number of built-in Tronics or power boosters (R, L) - with identical load type	max. 10
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 2 x 1,5 mm²
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm

- binary input functions: Switching, dimming, shutter control and value transmitter
- bulb-preserving soft startup
- phase cut-on or cut-off according to load type, self-learning
- with programming button and red programming LED
- programmable from ETS2, V1.3
- with 2 independent binary inputs for potential-free contacts
- short-circuit and overload proof (electronic fuse)
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

Suitable for	Order no.	Page
Power booster built-in (R, L)	2869 ..	60
optional		
Tronic power booster built-in (R, C)	2868	59

Trouble-free operation will be obtained only with Berker Tronic transformers.

Do not connect conventional transformers to one output together with electronic transformers.

Design	Order no.	PU
light grey	**7534 10 03**	1



Blind actuator flush-mounted

Operating voltage over bus	21 ... 32 V=
Frequency	50/60 Hz
Switching capacity for max. 1 motor	600 VA
max. switching capacity at	230 V~ , 50/60 Hz
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 3 x 1,5 mm²
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm

Follow the motor manufacturers' instructions.

- binary input functions: Switching, dimming, shutter control and value transmitter
- for activation of a drive for alternating current
- operating mode can be set for blind, shutter/awning or ventilation flap
- with programming button and red programming LED
- bus connection via connecting terminal
- switching time on change of direction programmable
- with 3 independent binary inputs for potential-free contacts
- with 2 potential-free contacts, mechanically interlocked
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

Design	Order no.	PU
light grey	**7534 10 04**	1



Heating actuator 230 V flush-mounted

Operating voltage	21 ... 32 V=
Switching current for electronic outputs	max. 25 mA
Actuators per channel	max. 2
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 2 x 1,5 mm²
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm

Optimised for commissioning with ETS3 from version D, patch A.

- binary input functions: Switching, dimming, shutter control and value transmitter
- for individual single room temperature control
- for continuous (PI) or switched (2-point) control
- with programming button and red programming LED
- 1 electronic output (triac) for connection of 230V thermoelectric actuator drives
- with 3 independent binary inputs for potential-free contacts
- with emergency programme, e.g. for sensor or bus failure
- installation in flush-mounted or splash-protected junction box
- pre-assembled, with cables

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142

Design	Order no.	PU
light grey	**7534 10 05**	1



Blind and heating actuator 1 + 1gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Switching current for electronic outputs	max. 25 mA
Switching capacity for max. 1 motor	600 VA
max. switching capacity at	230 V~ , 50/60 Hz
Actuators per channel	max. 2
Operating temperature	-5 ... +45 °C
Load cable length	≈ 20 cm with 2 x 1,5 mm²
Cable length, bus + inputs (extendable to max. 5 m)	≈ 33 cm
Dimensions (Ø x H)	53 x 28 mm

Follow the motor manufacturers' instructions.

Optimised for commissioning with ETS3 from version D, patch A.

- binary input functions: Switching, dimming, shutter control and value transmitter
- for activation of a drive for alternating current
- for individual single room temperature control
- for continuous (PI) or switched (2-point) control
- operating mode can be set for blind, shutter/awning or ventilation flap
- with programming button and red programming LED
- 1 electronic output (triac) for connection of 230V thermoelectric actuator drives
- switching time on change of direction programmable
- with 3 independent binary inputs for potential-free contacts
- with emergency programme, e.g. for sensor or bus failure
- with 2 potential-free contacts, mechanically interlocked
- installation in flush-mounted or splash-protected junction box

Suitable for	Order no.	Page
Valve drive 230 V	7590 00 76	142

Design	Order no.	PU
light grey	**7534 10 06**	1



Heating actuator 24 V AC surface-mounted

- Integrated transformer

Operating voltage over bus	21 ... 32 V=
Auxiliary voltage	230 V~
Output voltage	24 V~
Total output current	max. 1 A
Actuators, 24 V	max. 13
Operating temperature	+0 ... +50 °C
Dimensions (W x H x D)	302 x 75 x 70 mm
Frequency	50/60 Hz

- for valve drives 24 V, closed in de-energized state
- with on red heat request LED per channel
- with green operation LED and red programming LED
- with red fuse LED
- with integral transformer
- bus connection via connecting terminal
- with emergency programme, e.g. for sensor or bus failure
- short-circuit and overload proof (fine-wire fuse)
- with plug-in terminals
- for individual single room temperature control
- for continuous (PI) or switched (2-point) control

Suitable for	Order no.	Page
Valve drive 24 V AC/DC	7590 00 77	142

Design	Order no.	PU
grey, 6gang Triac [1]	**7533 60 01**	1
grey, 12gang Triac [2]	**7533 00 01**	1

[1] max. 4 valve drives 24 V per channel
[2] max. 2 valve drives 24 V per channel

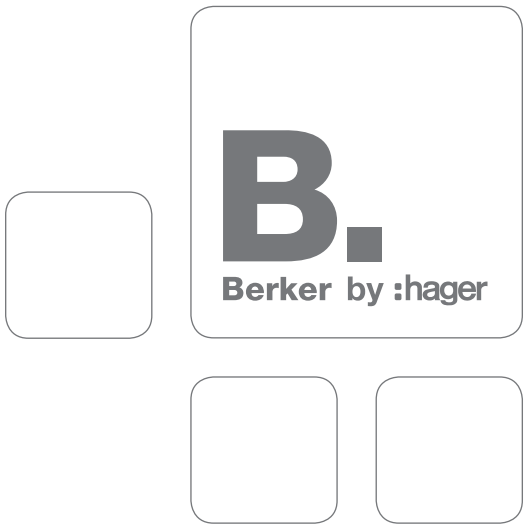
KNX sensors
and actuators

KNX system units

The system components are KNX devices, which assume higher-level functions, independent of the application. They guarantee the necessary infrastructure in the building, ensuring a flawless information exchange between sensors and actuators. In addition, the system devices stand for the highest quality and functional safety in the system.



System components	832
Gateways	836
Alarm systems	837



System components

Power supplies



KNX Power supply 320 mA RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	28 ... 31 V=
Output current	max. 320 mA
Bus lines	max. 2
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	72 x 90 x 68 mm
Width of rail mounted device (RMD)	4 TE
Assembling height as from DIN rail	61 mm

- with green operation LED, red overload LED and yellow overvoltage LED
- with red reset LED
- other bus line must be decoupled via a choke
- further bus line connectable with connecting terminal
- short-circuit and overload proof (electronic fuse)
- with integral reset switch
- with integral choke
- protected earth conductor must be connected
- with screw terminals

Design	Order no.	PU
light grey	**7501 00 09**	1



KNX Power supply 640 mA RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	28 ... 31 V=
Output current	max. 640 mA
Bus lines	max. 3
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	126 x 90 x 68 mm
Width of rail mounted device (RMD)	7 TE
Assembling height as from DIN rail	61 mm

- with 2 red reset LEDs
- with green operation LED, red overload LED and yellow overvoltage LED
- other 3rd bus line must be decoupled via a choke
- other 3rd bus line can be connected via terminal
- short-circuit and overload proof (electronic fuse)
- with 2 integrated reset switches
- with 2 integrated chokes
- protected earth conductor must be connected
- with screw terminals

Design	Order no.	PU
light grey	**7501 00 10**	1

Uninterruptible power supply



KNX power supply uninterruptible 640 mA RMD

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	28 ... 31 V=
Output current	max. 640 mA
Bus lines	max. 1
Operating temperature	-5 ... +45 °C
Network failure by-passing with lead batteries, 12 Ah	≈ 5.5 h
Dimensions (W x H x D)	144 x 90 x 66 mm
Width of rail mounted device (RMD)	8 TE
Assembling height as from DIN rail	59 mm

- with green operation LED, red overload LED and yellow overvoltage LED
- with green mains LED and green storage battery indicator LED
- with integral reset button
- potential-free change-over signalling contact for power failure, storage battery failure, overload/o
- protected earth conductor must be connected
- line connection via connecting terminal
- with screw terminals
- connection of a second lead battery to extend the backup power time
- temperature-controlled charging of the battery

Suitable for	Order no.	Page
Cable set for lead storage battery	7590 00 66	833
optional		
Cable set for 2nd lead storage battery	7590 00 67	833
Lead storage battery 12 V	7590 00 68	832

Design	Order no.	PU
light grey	**7501 00 15**	1



Lead storage battery 12 V

Rated voltage	12 V=
Charging capacity	12 Ah
Dimensions (W x H x D)	94 x 151 x 98 mm
Weight	≈ 4.2 g
Period of use [years]	≈ 5

- for KNX 640 mA power supply, uninterruptible

Suitable for	Order no.	Page
KNX power supply uninterruptible 640 mA RMD	7501 00 15	832
Cable set for lead storage battery	7590 00 66	833
Cable set for 2nd lead storage battery	7590 00 67	833

Design	Order no.	PU
Lead storage battery 12 V	**7590 00 68**	1



Cable set for lead storage battery

Line length ≈ 2 m

- with temperature sensor
- with fuse holder for fine-wire fuses

Suitable for	Order no.	Page
Lead storage battery 12 V	7590 00 68	832
KNX power supply uninterruptible 640 mA RMD	7501 00 15	832

Design	Order no.	PU
Cable set for lead storage battery	**7590 00 66**	1



Cable set for 2nd lead storage battery

Line length 2 m

Suitable for	Order no.	Page
Lead storage battery 12 V	7590 00 68	832

Design	Order no.	PU
Cable set for 2nd lead storage battery	**7590 00 67**	1

Couplers



Coupler RMD

Operating voltage over bus	21 ... 32 V=
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	36 x 90 x 70 mm
Width of rail mounted device (RMD)	2 TE
Assembling height as from DIN rail	63 mm

- can be used as line/area coupler or line amplifier
- with 2 yellow data traffic LEDs for higher and lower ranking line
- with green operation LED, red programming LED and red diagnosis LED
- with programming button
- line connection via connecting terminal

Design	Order no.	PU
light grey	**7501 00 14**	1



IP router RMD

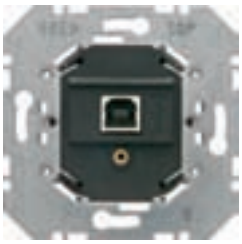
Operating voltage	24 V~/=
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	36 x 90 x 58 mm
Width of rail mounted device (RMD)	2 TE
Assembling height as from DIN rail	55 mm

- can be used as line/area coupler
- with green operation LED and yellow data traffic LED
- with green, yellow and red LEDs for indicating the IP communication
- with programming button and red programming LED
- for reporting bus voltage failure via data networks
- as interface to PCs and data processing devices
- EIBnet/IP according to Konnex specifications: Core, Routing, Tunnelling, Device Management
- internet protocols supported: ARP, ICMP, IGMP, UDP/IP, DHCP
- quick communication of lines/areas and systems via data networks (Internet protocols)
- operating voltage connection via connecting terminal
- line connection via connecting terminal
- with RJ45 connection for Ethernet/IP networks

Suitable for	Order no.	Page
Power supply 24 V AC RMD	7591 00 01	808

Design	Order no.	PU
light grey	**7501 00 16**	1

Data interfaces



KNX data interface USB flush-mounted

Operating voltage over bus	21 ... 32 V=
Data transmission rate	max. 9.6 kBd
Operating temperature	-5 ... +45 °C
USB cable length	max. 5 m

For connection of a PC for addressing, programming and diagnosis of KNX components and for visualisation.

- programmable from ETS3, V1.0
- for addressing, programming and diagnosis of KNX components
- with B-type USB socket for data traffic (voltage supply via PC)
- compatible with USB 1.1/2.0 transmission protocols
- system requirements: Windows 2000 or later
- without spreader claws
- with flash-controller technology

Design	Order no.	PU
black	**7504 00 04**	1



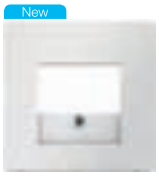
Centre plate with TAE cut-out

Suitable for	Order no.	Page
230 V USB charging socket outlet	2600 0 ..	173
Loudspeaker connection box	4572 ..	174
Stereo loudspeaker connection box	4573 ..	174
Modular UAE socket outlet 8/8pole unshielded, cat.6A iso	4584	163
Modular UAE socket outlet 8/8pole shielded, cat.6A iso	4588	162
KNX data interface USB flush-mounted	7504 00 04	834

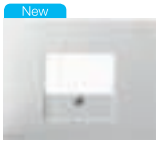
Design		Order no.	PU
Berker S.1/B.3/B.7			
white glossy		**1033 89 12**	10
polar white glossy		**1033 89 19**	10
polar white matt, with 2 knock out openings		**1033 19 09**	10
anthracite matt, with 2 knock out openings		**1033 16 06**	10
aluminium matt, lacquered, with 2 knock out openings		**1033 14 04**	10
Modul 2			
white glossy	#	**1033 02**	10
polar white glossy	#	**1033 09**	10
Berker Q.1/Q.3			
polar white velvety		**1033 60 89**	10
anthracite velvety, lacquered	*	**1033 60 86**	10
Berker K.1/K.5			
polar white glossy		**1035 70 09**	10
anthracite matt, lacquered		**1035 70 06**	10
Aluminium, aluminium anodised	*	**1035 70 03**	10
Stainless steel, metal matt finish		**1035 70 04**	10
Berker Arsys			
white glossy		**1035 01 02**	10
polar white glossy		**1035 01 69**	10
brown glossy		**1035 01 01**	10
light bronze matt, aluminium lacquered		**1034 00 01**	10
Stainless steel, metal matt finish		**1034 00 04**	10
gold matt, aluminium anodised		**1034 00 02**	10
Berker R.1/R.3			
polar white glossy	*	**1038 20 89**	10
black glossy	*	**1038 20 45**	10



New



New





New





KNX data interface USB RMD

Operating voltage over bus	21 ... 32 V=
Data transmission rate	max. 9.6 kBd
Operating temperature	-5 ... +45 °C
USB cable length	max. 5 m
Dimensions (W x H x D)	36 x 90 x 70 mm
Width of rail mounted device (RMD)	2 TE
Assembling height as from DIN rail	63 mm

- programmable from ETS3, V1.0
- with B-type USB socket for data traffic (voltage supply via PC)
- compatible with USB 1.1/2.0 transmission protocols
- system requirements: Windows 2000 or later
- with flash-controller technology

For connection of a PC for addressing, programming and diagnosis of KNX components and for visualisation.

Design	Order no.	PU
light grey	**7501 00 12**	1

Accessories



Data rail with connector

Operating temperature	-5 ... +45 °C
length	214 mm
For DIN rail with depth	7.5 mm
Width of rail mounted device (RMD)	12 TE

- with 4 plug-in terminals 4pole
- self-adhesive

For DIN rail 35 x 7.5 mm to according to DIN EN 60715

Design	Order no.	PU
Data rail with connector	**7500 00 08**	1



Cover for data rail

Operating temperature	-5 ... +45 °C
length	240 mm
divisible into	0.5 TE-steps
Width of rail mounted device (RMD)	13.5 TE

- to protect against dirt contamination and interference voltage

Design	Order no.	PU
light grey	**7500 00 04**	5



Connecting terminal

Operating temperature	-5 ... +45 °C
Conductor Ø	0.6 ... 0.8 mm
Number of conductors	2 x 4
Dimensions (L x W x H)	10.2 x 11.5 x 10 mm

- 2pole
- for the bus connection of the units
- polarization red + black -
- can be used as branch terminal
- with plug-in terminals

Design	Order no.	PU
red/black	**7500 00 05**	50



Blind plug for bus coupling unit

Suitable for	Order no.	Page
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	778
Bus coupling unit flush-mounted	7504 00 01	740

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	**7594 02 52**	1
polar white glossy	**7594 02 59**	1
polar white matt	**7594 02 89**	1
anthracite matt	**7594 02 85**	1
aluminium matt, lacquered	**7594 02 83**	1
Modul 2		
white glossy	# **7594 02 12**	1
polar white glossy	# **7594 02 19**	1



New



Design		Order no.	PU
Berker Q.1/Q.3			
polar white velvety		**7594 02 29**	1
anthracite velvety, lacquered	*	**7594 02 26**	1

New



Berker K.1/K.5			
polar white glossy		**7594 02 79**	1
anthracite matt, lacquered		**7594 02 75**	1
Aluminium, aluminium anodised	*	**7594 02 71**	1
Stainless steel, metal matt finish		**7594 02 73**	1



Berker Arsys			
white glossy		**7594 02 42**	1
polar white glossy		**7594 02 49**	1
light bronze matt, lacquered		**7594 02 44**	1
Stainless steel, metal matt finish		**7594 02 43**	1



Protective cover

Suitable for	Order no.	Page
Bus coupling unit flush-mounted	7504 00 01	740
Flush-mounted bus coupling unit for B.IQ with thermostat	7504 00 03	778

Design	Order no.	PU
black	**7500 00 07**	10



Product database

For further languages please contact our local representitive!

The product database delivers all current Berker KNX components for installation in the ETS database.

- as download on the Berker homepage
- CD-ROM from ETS 2.0

Design	Order no.	PU
Product database in German, German version	**7590 00 20**	1
Product database in English, English version	**7590 00 60**	1

Gateways



Radio receiver surface-mounted

Operating voltage over bus	21 ... 32 V=
Radio reception frequency	433.42 MHz
Number of function channels	50
Number of teachable radio transmitters	100
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	110 x 94 x 38 mm

A 9 V block battery is required for teach-in of radio transmitters, e.g. order no. 9209.

The surface-mounted radio receiver converts signals of taught-in radio bus transmitters into KNX telegrams.

For matching hand-held radio transmitters, see radio bus.

- for switch, push-button, dimmer and shutter functions
- processing of the radio signals of hand-held, wall-mounted and flush-mounted radio transmitters and radio controllers
- with 2-digit, 7-segment function channel display
- with green operation LED and red programming LED
- extension unit for light scene push-button
- with acknowledgement button
- with programming button and function channel selection button
- bus connection via connecting terminal
- dimming / position value transmitter 1 byte
- with fitting material
- with screw terminals

Suitable for	Order no.	Page
Radio transmitter 2gang flush-mounted	124 10	697
Radio controller surface-mounted	1 7401 09	695
Radio wall transmitter insert	2764	678
Radio hand-held transmitter comfort	2766	674
Radio hand-held transmitter mini	2769	675
Radio controller flat	9420 ..	694
Radio magnetic contact	9430 01 00	696

Design		Order no.	PU
white	#	**7563 00 04**	1

Alarm system



KNX alarm central unit

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	12 V=
Switching current	max. 1.8 A
Switching current, change-over, at 12 V	max. 5 A
Operating temperature	-5 ... +45 °C
Cable length, alarm devices	max. 100 m
Cable length of wired detector	max. 200 m
Cable length, sabotage line	max. 600 m
Dimensions (W x H x D)	210 x 270 x 72 mm
Weight	≈ 1.5 kg

You can find information on the available training courses in the chapter KNX, training.

To prevent malfunctions, we recommend that only Berker KNX products are used in connection with the alarm central unit KNX.

- cascadable
- control TWG robbery, break-in, fire, malfunction, live/safe potential-free contacts/KNX
- alarm duration and delay times activated/alarm adjustable
- decentral indication and operation, e.g. info display
- detector descriptions can be defined as required
- with green operation LED and red programming LED
- with control LED per output
- with integral clock (DCF-compatible using system clock)
- sensor inputs via binary inputs or universal interfaces
- cyclic sensor monitoring
- outputs for outside/inside siren and flash light or connection to KNX via actuator
- with sabotage protection by contact in cover
- additional signal input as sabotage protection for mounting place
- alarm zones can be activated individually or linked
- for maximum 160 sensors (communication objects) and 4 alarm zones
- history memory with individual sensor identification
- requirement: ETS2 V1.2a or ETS3
- with fitting material
- bus connection via connecting terminal
- with screw terminals
- with emergency power storage battery 12 V for maximum 12 hours

Suitable for	Order no.	Page
Detectors/sensors		page 842
Alarm units		page 843
Activating devices		page 845
Visualisations		page 785
replacement		
12 V storage battery for emergency power operation	9200 01	837

AZ KNX

Design	Order no.	PU
polar white/black	**7573 00 10**	1



12 V storage battery for emergency power operation

Output voltage	12 V=
Charging capacity	1.2 Ah
Flat connector size (size width x size width)	4.8 x 0.8 mm

- for KNX alarm central unit
- replacement

Suitable for	Order no.	Page
KNX alarm central unit	7573 00 10	837

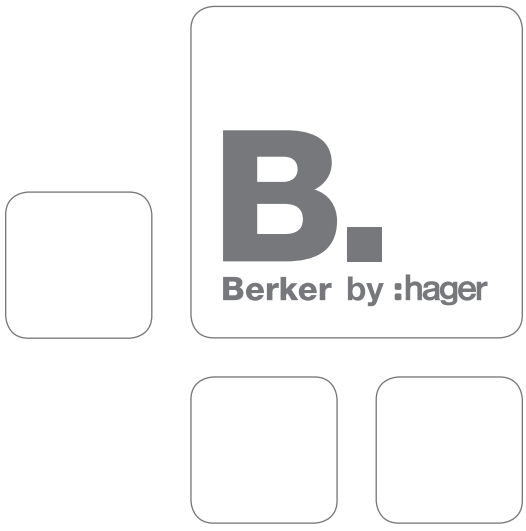
Design	Order no.	PU
12 V storage battery for emergency power operation	**9200 01**	1

Security and safety systems

With innovative technology and restrained design that integrates virtually unnoticed into the living environment, Berker's security and safety systems provide reliable protection - for both the material and the less tangible things in your customer's life. These systems ensure reliable protection against break-ins, theft, vandalism and fire. Conventionally-wired alarm systems offer particularly economical monitoring for smaller properties such as owner-occupied flats, whole-floor flats, holiday homes etc. A very high-performance alarm system for integration into the intelligent instabus KNX building management systems, offering optimal protection of monitored properties.



Alarm system	840
KNX alarm system	840
Detectors/sensors	842
Alarm units	843
Activating devices	845
Supplementary products	846
Smoke detectors	847



Alarm system



Alarm central unit

i 892

Operating voltage	230 V~
Frequency	50 Hz
Operating voltage, alternative	12 V=
Output voltage	12 V=
Switching current at 12 V=	max. 1 A
Acoustic pressure of buzzer at a distance of 10 cm	85 dB (A)
Siren duration, settable	≈ 0 ... 180 s
Activation/alarm delay time, settable	0 ... 60 s
Pulse duration for inputs	min. 0.4 s
Operating temperature	+0 ... +50 °C
Dimensions (W x H x D)	165 x 215 x 48 mm

Lithium battery pack 14.4 V for emergency power supply - order separately!

- for wired components
- with 4 signal lines (internal, external, sabotage, 24 h)
- 2 control centre and 4 signal line status LEDs
- emergency power supply from battery
- with sabotage protection by contact in cover
- with integrated key switch and 2 keys
- with buzzer for acknowledgement and internal alarm message
- flash light on external siren lights until disarmed
- with fitting material
- with screw terminals

Suitable for	Order no.	Page
Detectors/sensors		page 842
Alarm units		page 843
Key switches		page 845

AZ

Design	Order no.	PU
polar white/black	**9020**	1



Lithium battery pack 14.4 V

Output voltage	14.4 V=
Charging capacity	2 Ah
Line length	≈ 60 mm

- as emergency power supply for alarm central unit

Design	Order no.	PU
Lithium battery pack 14.4 V	**9214 01**	1

KNX alarm system



KNX alarm central unit

Operating voltage	230 V~
Frequency	50/60 Hz
Output voltage	12 V=
Switching current	max. 1.8 A
Switching current, change-over, at 12 V	max. 5 A
Cable length, alarm devices	max. 100 m
Cable length of wired detector	max. 200 m
Cable length, sabotage line	max. 600 m
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	210 x 270 x 72 mm

You can find information on the available training courses in the chapter KNX, training.

To prevent malfunctions, we recommend that only Berker KNX products are used in connection with the alarm central unit KNX.

- for maximum 160 sensors (communication objects) and 4 alarm zones
- alarm zones can be activated individually or linked
- sensor inputs via binary inputs or universal interfaces
- cyclic sensor monitoring
- control TWG robbery, break-in, fire, malfunction, live/safe potential-free contacts/KNX
- outputs for outside/inside siren and flash light or connection to KNX via actuator
- with green operation LED and red programming LED
- with control LED per output
- short-circuit and overload proof (fine-wire fuse)
- with sabotage protection by contact in cover
- additional signal input as sabotage protection for mounting place
- decentral indication and operation, e.g. info display
- with emergency power storage battery 12 V for maximum 12 hours
- with integral clock (DCF-compatible using system clock)
- alarm duration and delay times activated/alarm adjustable
- bus connection via connecting terminal
- with screw terminals

Suitable for	Order no.	Page
Detectors/sensors		page 842
Alarm units		page 843
Activating devices		page 845
Visualisations		page 785
replacement		
12 V storage battery for emergency power operation	9200 01	837

AZ KNX

Design	Order no.	PU
polar white/black	**7573 00 10**	1



12 V storage battery for emergency power operation

Output voltage	12 V=
Charging capacity	1.2 Ah
Flat connector size (size width x size width)	4.8 x 0.8 mm

- for KNX alarm central unit

Design	Order no.	PU
12 V storage battery for emergency power operation	**9200 01**	1

Universal interfaces

- For the connection of detectors, sensors, key switches and bolt switch contacts to the KNX alarm central unit



Universal interface 2gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 5 V
Output current per channel	max. 0.8 mA
Line length	≈ 250 mm
Cable length extendable to	max. 5 m
Operating temperature	-5 ... +45 °C
Dimensions (L x W x H)	43 x 28.5 x 15.5 mm

- 2 binary inputs, 2 outputs or 1 binary input and 1 output parameterisable
- with 2 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- for impulse counter function, input 2 is required for the synchronising signal
- functions: impulse counter or switch counter for input 1
- for switch, push-button, dimmer and shutter functions
- cyclic transmission parameterisable for switching function
- with programming button and red programming LED
- bus connection via connecting terminal

Suitable for	Order no.	Page
Detectors/sensors		page 842
Activating devices		page 845

Design	Order no.	PU
light grey	**7564 20 01**	1



Universal interface 4gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 5 V
Output current for channel 1 and channel 2	max. 0.8 mA
Line length	≈ 250 mm
Cable length extendable to	max. 5 m
Operating temperature	-5 ... +45 °C
Dimensions (L x W x H)	43 x 28.5 x 15.5 mm

- 4 binary inputs or 2-3 binary inputs and 1-2 outputs parameterisable
- with 4 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- for impulse counter function, inputs 3 and 4 are required for the synchronising signal
- functions: impulse counter or switch counter for inputs 1 and 2
- for switch, push-button, dimmer and shutter functions
- cyclic transmission parameterisable for switching function
- with programming button and red programming LED
- bus connection via connecting terminal

Suitable for	Order no.	Page
Detectors/sensors		page 842
Activating devices		page 845

Design	Order no.	PU
light grey	**7564 40 01**	1



Universal interface 8gang flush-mounted

Operating voltage over bus	21 ... 32 V=
Input scanning voltage	per channel 20 V
Output current per channel	max. 0.8 mA
Line length	max. 10 m
Operating temperature	-5 ... +45 °C
Dimensions (W x H x D)	44 x 48 x 32 mm

- protected against polarity reversal
- 8 binary inputs, 8 outputs or 4 binary inputs and 4 outputs parameterisable
- with 8 independent binary inputs for potential-free contacts
- outputs for LEDs, e.g. as status LED
- short-circuit and overload proof (electronic fuse)
- for switch, push-button, dimmer and shutter functions
- cyclic transmission can also be started via switching object
- with programming button and red programming LED
- bus connection via connecting terminal
- with screw terminals

Suitable for	Order no.	Page
Detectors/sensors		page 842
Activating devices		page 845

Design	Order no.	PU
black	**7564 80 01**	1

Detectors/sensors

- Direct connection to alarm central unit
- Connection to KNX alarm central unit via universal interface

Magnetic contacts



Magnetic contact

i 889

Switching voltage	max. 40 V=
Switching current	500 mA
Breaking capacity	max. 10 W
Line length	3 m
Dimensions sensor (L x W x H)	44 x 15 x 15 mm

To monitor window and door opening.

- built-on/built-in
- pre-assembled, with cable
- in the isolated state the contact is open

Suitable for	Order no.	Page
Alarm system		page 840
optional		
KNX alarm system		page 840
Universal interfaces		page 841

Design	Order no.	PU
polar white glossy	**9251 02**	1
brown glossy	**9251 01**	1



Gate contact

Switching voltage	max. 20 V=
Switching current	max. 500 mA
Line length	2 m

- magnetic contact to monitor opening of gates and roller doors
- solid metal design
- with fitting material
- for floor mounting
- pre-assembled, with cable
- in the isolated state the contact is open

Suitable for	Order no.	Page
Alarm system		page 840
optional		
KNX alarm system		page 840
Universal interfaces		page 841

Design	Order no.	PU
Gate contact	**9252**	1

Glass breakage sensors



IP67

Glass breakage sensor

893

Switching voltage	max. 18 V=
Switching current	max. 10 mA
Transition resistance, idle state	max. 30 Ω
Transition resistance, alarm state	min. 1 MΩ
Opening time according to glass type	0.5 ... 5 s
Line length	5 m

- passive piezoelectric glass breakage sensor
- with potential-free contacts without auxiliary voltage
- for bonding on window pane
- pre-assembled, with cable
- opens the contact in case of glass breakage

Suitable for	Order no.	Page
Alarm system		page 840
optional		
KNX alarm system		page 840
Universal interfaces		page 841

Caution!
Use only the following adhesive sets.
Loctite, hotline tel. +49 (0)89/92681121

29691 Glass-metal adhesive set
consisting of:
319 adhesive and
7649 activator

Design	Order no.	PU
polar white glossy	**9253 02**	1
brown glossy	**9253 01**	1

Motion detector



Motion detector 90° surface-mounted

892

Operating voltage	12 V=
Recommended installation height	≈ 2.3 m
Range	≈ 15 m
Detection angle	90 °
Dimensions (W x H x D)	60 x 112 x 42 mm

- with failsafe break contact (NC contact)
- with LED detection indicator
- with sabotage protection by contact in cover
- with crawl-under protection
- with cable entry at top, backside and each side
- for wall and corner mounting
- with screw terminals

Suitable for	Order no.	Page
Alarm system		page 840
optional		
KNX alarm system		page 840
Universal interfaces		page 841

Design	Order no.	PU
polar white glossy	**9155**	1

Alarm units

Sirens



External siren with flashlight

893

Operating voltage	12 V=
Current consumption	max. 600 mA
Current consumption, flashing light	300 mA
Current consumption, siren	300 mA
Lightning energy	6.7 Ws
Alarm duration, flashing light	until deactivated
Alarm duration, siren (until deactivated)	max. 3 min
Acoustic pressure at a distance of 1 m	108 dB
Conductor cross-section	max. 2.5 mm²
Operating temperature	-20 ... +50 °C
Dimensions (W x H x D)	180 x 390 x 140 mm

- for connection to alarm central unit and KNX alarm central unit
- with sabotage protection by contact in cover and arcing contact
- powder-coated stainless steel housing
- with loud pressure-chamber siren
- with fitting material
- with screw terminals

Suitable for	Order no.	Page
Alarm system		page 840
KNX alarm system		page 840

Design	Order no.	PU
polar white matt	**9051 50**	1



IP30

Indoor siren

Operating voltage	9 ... 14 V=
Rated current at 12 V=	140 mA
Acoustic pressure at a distance of 1 m	110 dB
Settable signal frequency	2800 ... 3100 Hz
Switch-on time (ED)	100 %
Operating temperature	-20 ... +60 °C
Dimensions (W x H x D)	145 x 95 x 30 mm

- for connection to alarm central unit and KNX alarm central unit
- with sabotage protection by contact in cover
- with loud piezo signal generator, dual tone
- with fitting material
- with break-out cable entry at top/bottom and backside
- with screw terminals

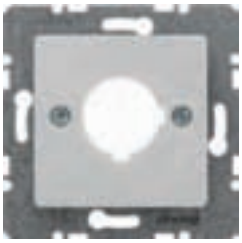
The indoor siren serves firstly to alarm the residents, for example when there is a smoke alarm. Secondly, the loud acoustic signal scares away criminals.

The indoor siren can be operated together with the external siren on the alarm central unit.

Suitable for	Order no.	Page
Alarm system		page 840
KNX alarm system		page 840

Design	Order no.	PU
polar white	**9050**	1

Central plates for external signalling and command units



Central plate with installation opening Ø 22.5 mm

Screw spacing	36 mm

- with supporting plate
- without spreader claws
- with cut-out dia. 22.5 mm
- labelling field latchable

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

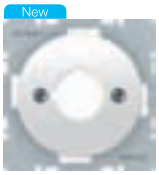
Caution!
Use only with intermediate ring for central plate from the corresponding range.

Installation aperture according to IEC 60947-5-1

Manufacturer product line	Art. No.
Signalling and command units	
Kraus-Naimer	
Lumitas	
Schlegel	
Overvoltage protection devices	
Dehn	
OBO-Bettermann	

Design	Order no.	PU
Berker S.1/B.3/B.7, Modul 2, Q.1/Q.3, K.1/K.5 - Stainless Steel, Arsys		
white glossy	**1432 02**	10
polar white glossy	**1432 09**	10
polar white matt/velvety	**1432 19 09**	10
yellow glossy	**1432 07**	10
aluminium matt, lacquered	**1432 14 04**	10
anthracite matt	**1432 16 06**	10
stainless steel matt, lacquered	**1432 04**	10
Berker K.5 - Aluminium		
aluminium matt, lacquered	* **1432 70 03**	10
Berker R.1/R.3		
polar white glossy	* **1432 20 89**	10
black glossy	* **1432 20 45**	10
yellow glossy	* **1432 20 06**	10

New



Activating devices

Key switches

- Direct connection to alarm central unit
- Connection to KNX alarm central unit via universal interface



IP54

Key switch flush-mounted

i 893

Operating voltage	12 V=
Current consumption per LED	max. 5 mA
Buzzer current consumption	6 mA
Switching current	500 mA
Acoustic pressure of buzzer at a distance of 30 cm	70 dB (A)
Operating temperature	-20 ... +60 °C
Dimensions, flush-mounted housing (W x H x D)	79 x 113 x 53.5 mm
Front plate dimensions (W x H)	101 x 135 mm

Recommendation: use identical closing to that of the master key system.

- to connect to alarm central unit
- with 2 LEDs for free activation, orange and green
- with protection against drilling and ceiling contact to prevent sabotage
- powder-coated aluminium front plate
- with acknowledgement buzzer
- with two-hole screws as dismantling protection and screwdriver
- with screw terminals

Suitable for	Order no.	Page
Alarm system		page 840
Lock cylinder		page 845
optional		
KNX alarm system		page 840
Universal interfaces		page 841

Design	Order no.	PU
polar white glossy	**9103 01**	1



Key switch surface-mounted

i 893

Operating voltage	12 V=
Current consumption per LED	max. 5 mA
Buzzer current consumption	6 mA
Switching current at 60 V=	max. 500 mA
Acoustic pressure of buzzer at a distance of 30 cm	70 dB (A)
Operating temperature	-20 ... +60 °C
Dimensions (W x H x D)	79.5 x 113.5 x 54 mm

Recommendation: use identical closing to that of the master key system.

- to connect to alarm central unit
- with 2 LEDs for free activation, orange and green
- with protection against drilling and ceiling contact to prevent sabotage
- powder-coated aluminium front plate
- with acknowledgement buzzer
- with two-hole screws as dismantling protection and screwdriver
- with screw terminals

Suitable for	Order no.	Page
Alarm system		page 840
Lock cylinder		page 845
optional		
KNX alarm system		page 840
Universal interfaces		page 841

Design	Order no.	PU
polar white glossy	**9103 12**	1



Lock cylinder

In key switches, the key can be pulled out in the ON position in the appropriate bolt position.
With 5 tumblers to according to DIN 18252

- for change-over switches/push-buttons for lock cylinders

Design	Order no.	PU
with differing closures		
Lock cylinder	**1818**	1
with same closures		
Lock cylinder	**1818 01**	1

Compulsory activating device



Electromechanical blocking element

Operating voltage	7 ... 15 V=
Current consumption (idle)	≈ 40 mA
Current consumption (closing)	≈ 60 mA
Current consumption (blocking)	≈ 120 mA
Feedback outputs for bolt position	50 mA
Opening time	0.5 s
Lock bolt distance	12 mm
Line length	≈ 3 m
Operating temperature	-25 ... +60 °C
Distance to counterpart	max. 8 mm
Dimensions housing (W x H x D)	20 x 134 x 28 mm
Dimensions Stulp (W x H x D)	20 x 175 x 2 mm

- for activation with static or dynamic signals
- with integral magnet contact
- to build into the door frame

In conjunction with the bolt switching contact, prevents access to an area that has been armed.

Suitable for	Order no.	Page
KNX alarm system		page 840
Switch actuator 6gang RMD	7531 60 02	817

Design	Order no.	PU
Electromechanical blocking element	**9108**	1



Bolt switch contact

Switching voltage	max. 30 V=
Switching current	max. 100 mA
Line length	≈ 2 m
Dimensions (W x H x D)	11 x 40 x 22 mm

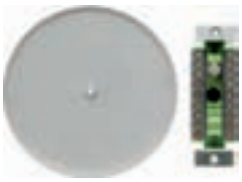
- with switch lever extension
- is operated by lock bolt
- to build into the lock plate on the door frame

Suitable for	Order no.	Page
KNX alarm system		page 840
Universal interfaces		page 841

Design	Order no.	PU
Bolt switch contact	**9107**	1

Supplementary products

Distribution terminals



Distribution terminal flush-mounted

Rated voltage	12 V=

- with sabotage protection by contact in cover
- with cover
- with 8pole through-contacted circuit board
- without spreader claws
- suitable for standard, commercially-available flush-mounted and hollow-wall boxes
- with screw terminals

Design	Order no.	PU
polar white matt	**9254**	1



Distribution terminal surface-mounted

Rated voltage	12 V=
Dimensions (W x H x D)	36 x 132 x 34 mm

- with sabotage protection by contact in cover
- with 8pole through-contacted circuit board
- with fitting material
- with solder connection

Design	Order no.	PU
polar white matt	**9259**	1

Smoke detectors

New



Smoke detector VdS Q, 6 V longlife

Operating voltage	6 V=
Monitoring area	max. 50 m²
Acoustic pressure at a distance of 3 m	85 dB (A)
Recommended installation height	≈ 2.5 m
Battery service life [years]	≈ 10
Operating temperature	+0 ... +55 °C
Dimensions (Ø x assembling height)	127 x 49 mm

The smoke detector has been designed as a domestic smoke detector, for use in self-contained living areas such as flats and detached houses.

It is used for early detection of smouldering fires and open fires producing smoke in interiors.

Approval according to DIN EN 14604

- Certificates certified with Q-Label
- with red alarm and operation LED
- with optional dismantling protection
- contamination and fault display
- works on stray light principle (Tyndall effect) with no radioactive compounds
- loud warning tone in case of alarm
- with integrated lithium block battery 6 V (non-exchangeable)
- automatic self-test function
- with button for manual function test
- with button for manual deactivation for 12 minutes
- not dependent on mains power
- screw fastening to size 60 and 85 wall box possible
- for wall and ceiling mounting

Design	Order no.	PU
Smoke detector VdS Q, 6 V longlife, polar white matt	* **191 59**	1

New



Smoke detector VdS, 9 V

Operating voltage	9 V=
Monitoring area	max. 50 m²
Acoustic pressure at a distance of 3 m	85 dB (A)
Recommended installation height	≈ 2.5 m
Battery service life [years]	≈ 5
Operating temperature	+0 ... +55 °C
Dimensions (Ø x assembling height)	127 x 49 mm

The smoke detector has been designed as a domestic smoke detector, for use in self-contained living areas such as flats and detached houses.

It is used for early detection of smouldering fires and open fires producing smoke in interiors.

Smoke detector fastening onto bottom section only possible with inserted battery.

Approval according to DIN EN 14604

- Certificates VdS-certified
- with red alarm and operation LED
- with optional dismantling protection
- contamination and fault display
- works on stray light principle (Tyndall effect) with no radioactive compounds
- loud warning tone in case of alarm
- with alkaline block battery 9 V, type: 6LR61
- with visual and audible battery change message, min. 30 days
- automatic self-test function
- with button for manual function test
- with button for manual deactivation for 12 minutes
- not dependent on mains power
- screw fastening to size 60 and 85 wall box possible
- for wall and ceiling mounting

Design	Order no.	PU
Smoke detector VdS, 9 V, polar white matt	* **191 49**	1

Sets

New



Smoke detector set Vds Q, 6 V longlife

- certified with Q-Label
- set consists of 3 smoke detectors VdS Q, 6 V longlife (order no. 191 59)

Design	Order no.	PU
polar white matt	* **192 59**	1

New



Smoke detector set Vds, 9 V

- VdS-certified
- set consists of 3 smoke detectors VdS, 9 V (order no. 191 49)

Design	Order no.	PU
polar white matt	* **192 49**	1

Test and administrative marks

VDE test mark, all items in the Berker range, for which this test mark is possible, bear this mark.

Netherlands

Austria

Norway

France

Denmark

Italy

Sweden

Canada

Belgium

USA

Poland

Finland

Switzerland

ENEC stands for European Norms Electrical Certification. The number following the mark indicates the certifying body.
For instance, VDE: 10

Verification of increased voltage resistance capability for connecting devices to DIN 49400 and 49441, installation equipment made of shock-proof impact material for greater mechanical stress conditioning.

SV Safety power supply (diesel unit VDE 0107: 1994-10), designated by green Centre plate

ZSV Additional safety power supply (battery supported VDE 0170: 1994-10), designated by orange centre plate

Furniture construction/installation Devices can be mounted on surfaces with unknown flammability properties.

Flame-resistant according to VDE 0606 T1: 1984-11, meets the requirements of VdS (Association of Property Insurers) for mounting on wood.

All items in this catalogue falling under CE regulations bear the CE marking on the packaging label and on the product itself.

RAL Determination of colour gradations of Deutsches Institut für Gütesicherung und Kennzeichnung e.V. (German Institute for Quality Assurance and Certification)

EDV Electronic data processing, designated for special circuits by red centre plate.

Trademarks/brands

Registered trademark of SCHUKO-Warenzeichenverband (SCHUKO trademark association) designates socket outlets according to DIN VDE 0620-1 and DIN 49440. Terminals are also suitable as connection terminals.

Registered trademark of „Warenzeichen-Verband EDELSTAHL ROSTFREI“ (stainless steel trademark association).

Registered trademark of the KNX Association cvba, Brussels.

Registered trademark of PERILEX-Gemeinschaft e.V.

Protection classes/types

VDE radio suppression seal

Protective insulation protection class 2

IP (international protection) Designated according to DIN 40050, IEC 60529, the degree of protection of a device to prevent ingress of foreign objects and moisture.

IP44 Protection against contact between energised parts and wires or similar larger than 1 mm diameter and splashing water from all directions. (contact-protected from 1 mm, splash-protected)

IP55 Protection against harmful dust deposits and against water jets from a nozzle directed towards the housing from all directions. (protected from dust and water jets).

IP66 Protection against dust deposits and strong water jets from all directions. (dustproof, waterproof).

Protection Class III

Explosion protection, zone 11

IP44-compatible, degree of protection IP44 can be achieved only by using the proper sealing set.

Application designations/symbols

Incandescent lamp

Fluorescent lamp

LV halogen lamp

HV halogen lamp

Electronic transformer

Conventional transformer

Hollow-wall box

Information designations with page reference for special technical information.

Designation for -25 °C to 40 °C temperature range.

AX X = fluorescent lamp rated current

see p. i893

Flush-mounted controller, installation height 1.1 m

Flush-mounted controller, installation height 2.2 m

Flush-mounted controller, installation height 2.5 m

Relay with microcontact Opening diameter

Semiconductor circuit element

Earthing

Material characteristics

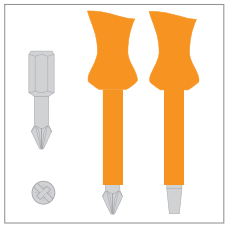
Berker products do not contain any materials made of PVC or halogen, with the exception of the sealing membrane and the wall boxes of the built-in system.

The technical specifications given here are not binding. The operating manual supplied with the products must be observed in all cases.

Illustrations, particularly with regard to colour, size, configuration, performance characteristics of the products as well as circuit/connection diagrams, are not binding.

We reserve the right to make technical and formal changes to our products in the interest of technical progress.

Switches/push-buttons/socket outlets	i850
Timer	i854
Dimmer	i855
BLC/Presence detector	i859
Controller/Berker Control	i868
1-10 V Technics	i877
Tronic transformers, DALI and electronic ballasts	i878
Equipment data	i881
Overvoltage protection	i882
Thermostats	i883
RolloTec	i885
Alarm central unit	i892
KNX Radio	i894
Radio bus	i896
SCHUKO socket outlet with residual current circuit-breaker	i909
Antenna technology	i910
Data communication/Telecommunications	i912
Audio/video technology	i914
Dimensional drawings	i916
Switching symbols	i925
Product summary	i929

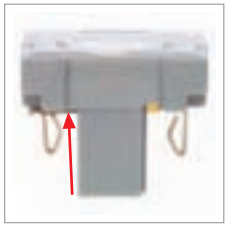


Tool sizes for BERKER products with combination cross-head slotted screws as fixings:
- Cross-head bits, Type: Pozidriv®size 1.
- Cross-head screwdriver: Type: Pozidriv®size 1.
- Slotted screwdriver: Type: blade thickness 0.8 mm.

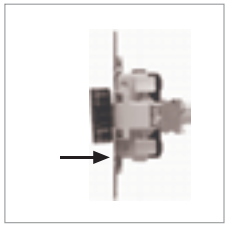
Contact screws:
- Cross-head bits, Type: Pozidriv®size 2.
- Cross-head screwdriver: Type: Pozidriv®size 2.
- Slotted screwdriver: Type: blade thickness 1 mm.

When using cordless screwdrivers, setting 1st gear, speed 1 at 0.5 Nm.

Illuminated rocker switches



Detachable contact lug. (for application see wiring diagrams).



Insert here. Same neon lamp unit for illuminated switches and monitoring switches.



The neon lamp unit can be inserted from the front and replaced without removing the switch.

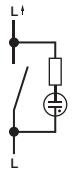


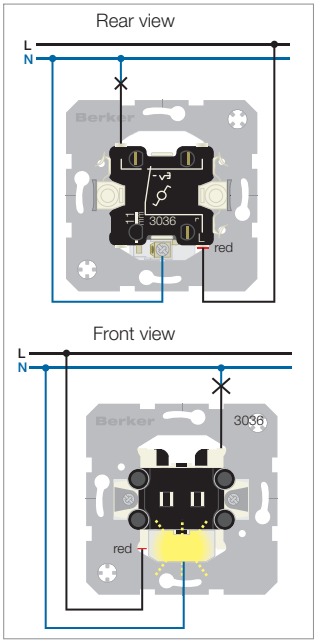
S.1/B.1/B.3/B.7 rocker with red lens for illuminated switches or monitoring switches.

Neon and glow lamp units are available for light switches/push-buttons of programmes S.1/B.1/B.3/B.7, Modul 2, Q.1, Q.3, R.1, R.3, Arsys, K.1, K.5, splash-protected flush-mounted IP44, Aquatec and ISO Panzer.
Illuminated light switches not only offer effective guidance. Used as monitoring switches, they indicate active consumers. Not least, they help conserve energy and maintain security.

Workplace Regulations
The German Workplace Regulations ("ArbStattV") stipulate that existing installations must also be converted to illuminated light switches. With installation switches from the BERKER range there is no problem in this respect, as the neon lamp units are easily retrofitted and ensure the same illumination effect. In the case of splash-protected surface-mounted units the illumination cannot always be upgraded!

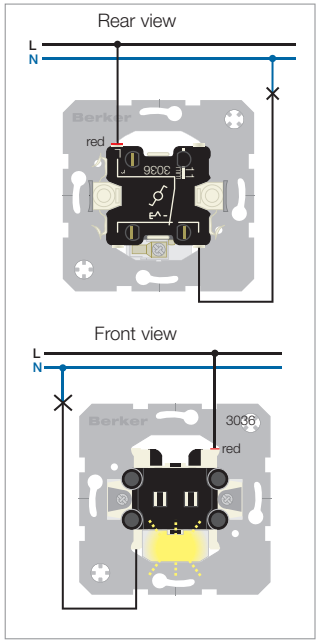
Monitoring and indicator lamps such as neon units and neon lamps wired in parallel with the switching contact lead to the contact opening distance not being reached.



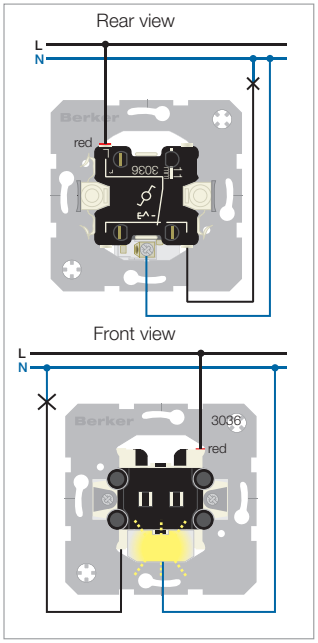


Switch-off
Permanently lit
with change-over switch
(Neon lamp unit permanently lit)

⚠ Remove detachable contact lug from neon lamp unit



Switch-off
Illuminated
with change-over switch
(Neon lamp unit lit when "Off")



Switch-off
Monitoring
with change-over switch
(Neon lamp unit lit when "On")

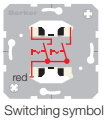
⚠ Remove detachable contact lug from neon lamp unit

Control switching for series switches

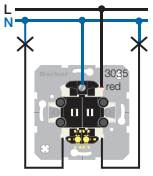
For series light switches in the ranges S.1/B.1/B.3/B.7, Modul 2, K.1, K.5 and Arsys, the series LED unit with N-terminal is available.
Used as a control switch, it shows the loads switched on for each series. Some important uses of this are safety and monitoring energy consumption.

Control series switch

Series switch
3035 / 303550



Switching symbol



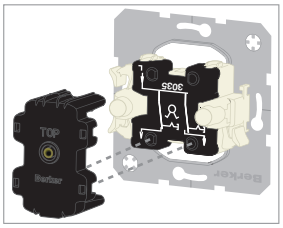
Connection in series control
(Series LED unit 1680 lights up per series when "On")



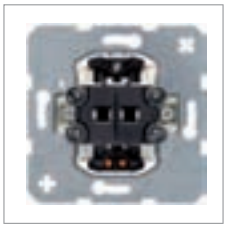
N-terminal



Contact springs for easy snap-in mounting.



Snap on series LED unit from the rear.



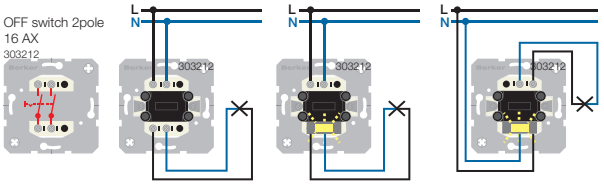
Max. numbers of fluorescent lamps that can be switched.

Switching capacity with 10 AX switches	40 W	65 W
Uncompensated cos φ ~ 0,5	23	15
Compensated cos φ = 0,8	29	18
Compensated cos φ ~ 1	34	22
Duo circuit	38	28
Parallel compensation	8	5

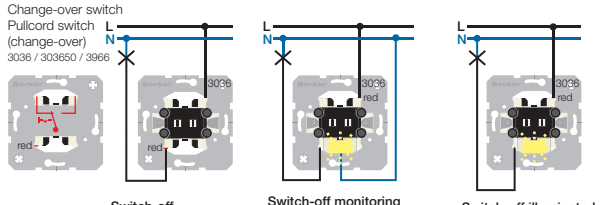
Switching capacity with 16 AX switches	40 W	65 W
Uncompensated cos φ ~ 0,5	33	21
Compensated cos φ = 0,8	46	28
Compensated cos φ ~ 1	51	33
Duo circuit	57	42
Parallel compensation	12	7

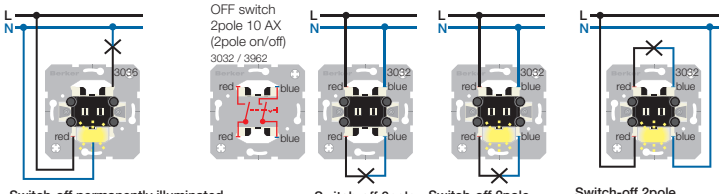
⚠ When connecting energy-saving bulbs and electronic ballasts (EVG), consider the high inrush currents.
Check suitability of equipment prior to use.
Fit in rush current limiters if necessary.

2pole on/off 16 AX



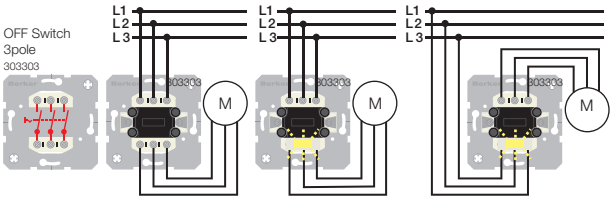
1pole on/off with change-over switch



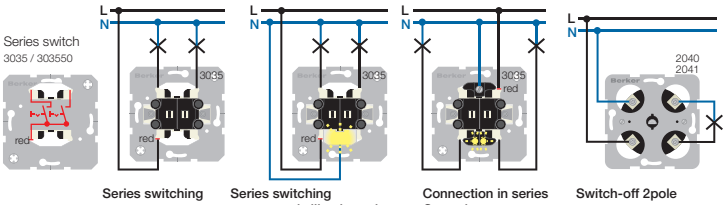


2pole on/off 10 AX

3pole on/off

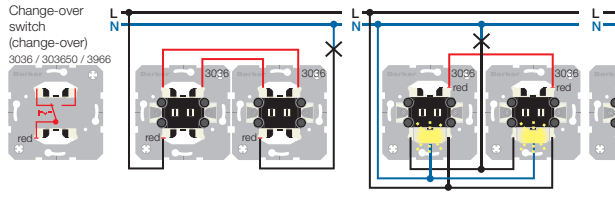


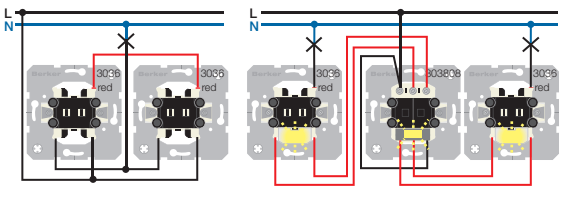
Series switch



Mechanical timer

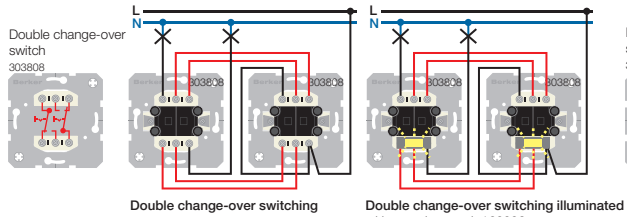
Change-over switch

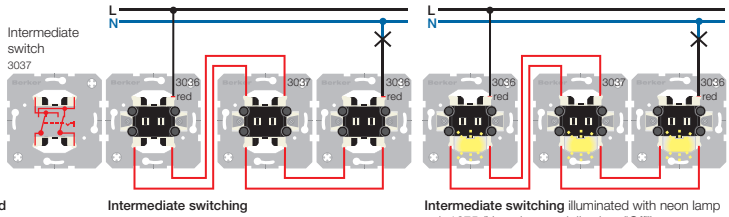




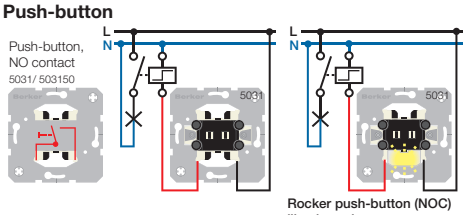
Double change-over switch

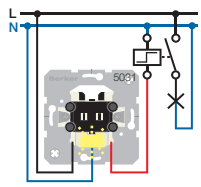
Intermediate switch

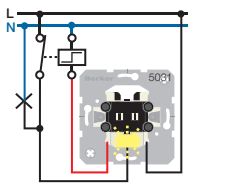


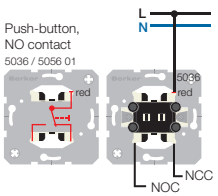


Push-button



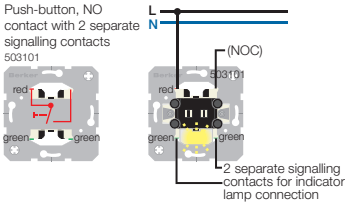




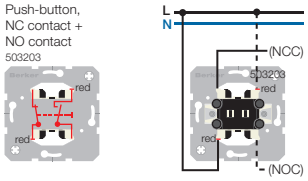


Push-button

Push-button, NO contact with 2 separate signalling contacts
503101

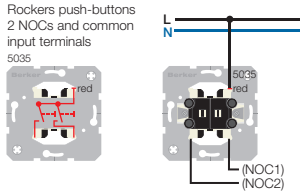


Push-button, NC contact + NO contact
503203

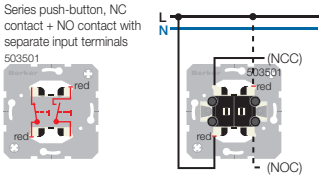


Series switch

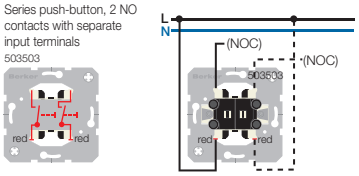
Rockers push-buttons 2 NOCs and common input terminals
5035



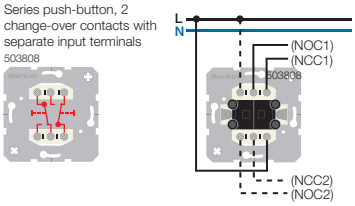
Series push-button, NC contact + NO contact with separate input terminals
503501



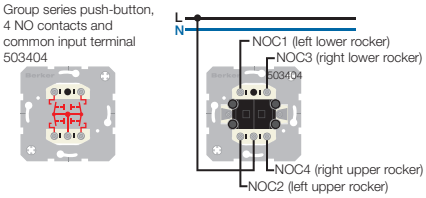
Series push-button, 2 NO contacts with separate input terminals
503503



Series push-button, 2 change-over contacts with separate input terminals
503808

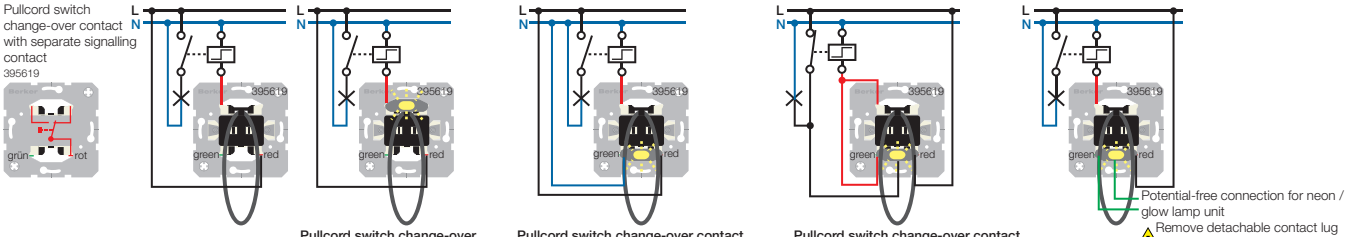


Group series push-button, 4 NO contacts and common input terminal
503404



Pullcord switch

Pullcord switch change-over contact with separate signalling contact
395619



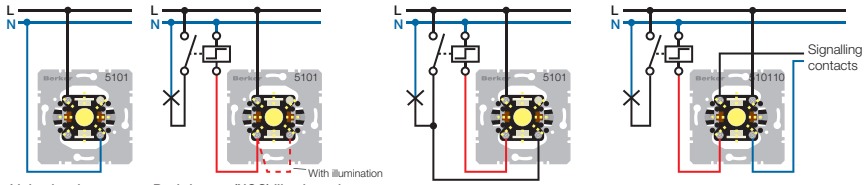
Pullcord switch change-over contact illuminated
With illumination, only a limited number of switches can be wired in parallel, unless the neutral conductor is brought through.

Pullcord switch change-over contact permanently illuminated
Any number of push-buttons can be connected in parallel. The neutral conductor must be brought through.

Pullcord switch change-over contact Monitoring
Remove detachable contact lug from neon lamp unit.

Pullcord switch change-over contact Monitoring with separate signalling contacts

Push-button/light signal E10



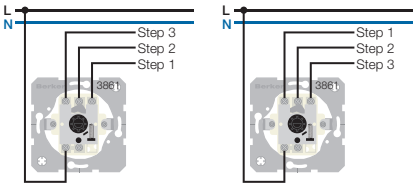
Light signal

Push-button (NOC) illuminated
When using neon lamp units, only a limited number of switches can be wired in parallel.

Push-button (NOC) monitoring

Push-button (NOC) separate signalling contacts e.g. for indicator lamp connection.

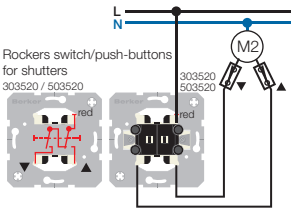
3-step switch



3-step switch with 0-position

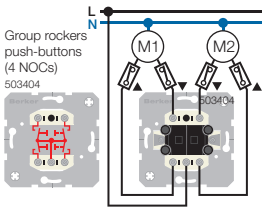
3-step switch without 0-position

Blind series switch/push-button



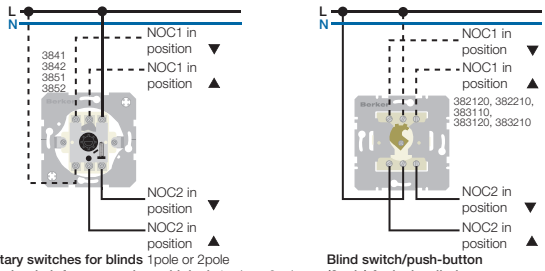
Blind series switch
Blind series push-button

Group series push-button as shutter blind push- buttons



Group series push-button with 4 NO contacts as double blind push-button

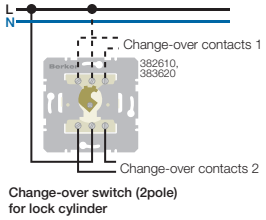
Blind switch for centre plate with lock/ push-button for lock cylinder



Rotary switches for blinds 1pole or 2pole
Blind switch for centre plate with lock 1pole or 2pole

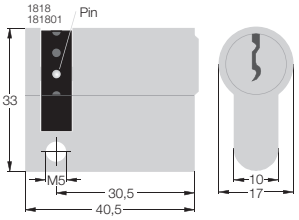
Blind switch/push-button (2pole) for lock cylinder

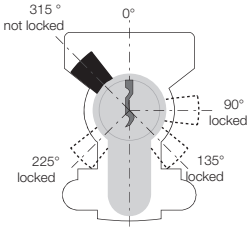
Change-over switch (2pole) for lock cylinder



Change-over switch (2pole) for lock cylinder

Profile half cylinder



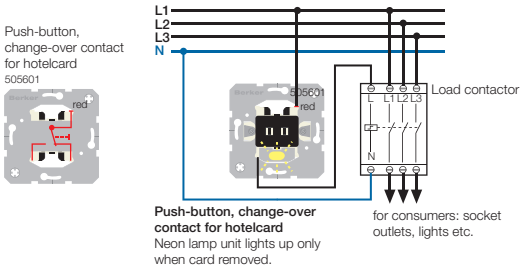


The NOC for the profile half cylinder can be adjusted by pressing in the pin on the side in 45° steps.
At key bit position 315° the key bit is guided in the engaging fork of the switch. The cover is not locked and the key can only be removed in the zero position (unswitched).

At locking steps 90°, 135° and 225° the key bit is introduced adjacent to the engaging fork of the switch. After actuation, the key is turned back to the starting position and so can be withdrawn with the switches in any switch setting. The cover is then locked and the switch cannot be dismantled without inserting the key.

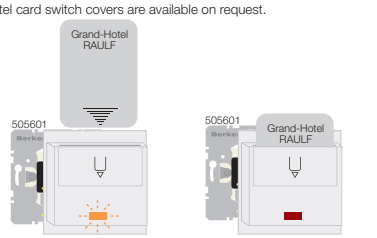
Hotel card switches

The hotel card switch provides efficient energy use and a means of storing the hotel card in hotels or other locations, such as at the workplace. When the hotel card is withdrawn, power is cut to all the electrical consumers which are still in operation but no longer required, such as the lights (possibly with a delayed-off relay) and wall socket circuits (e.g. for TV etc.). For this, a load contactor is activated via the hotel card switch. When the hotel card is inserted, the contact is closed and the in-series load contactor switches the connected electrical consumers on.
Additionally, a check-back can be sent to reception and the room temperature can be lowered, for example. The illumination of the hotel card switch ensures safe operation even in the dark. As a flush-mounted insert, the hotel card switch cover order no. 505601 is used with neon lamp unit order no. 1675. The neon lamp unit is lit when the hotel card is not inserted. 10 A push-button inserts for hotel card switch covers are available on request.



Push-button, change-over contact for hotelcard
Neon lamp unit lights up only when card removed.

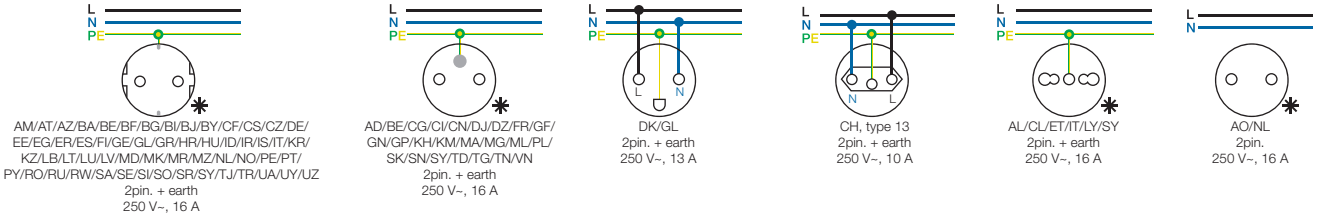
for consumers: socket outlets, lights etc.



When hotel card is not inserted, orientation lamp is on. Contact open.

When hotel card inserted, orientation lamp is off. Contact closed.

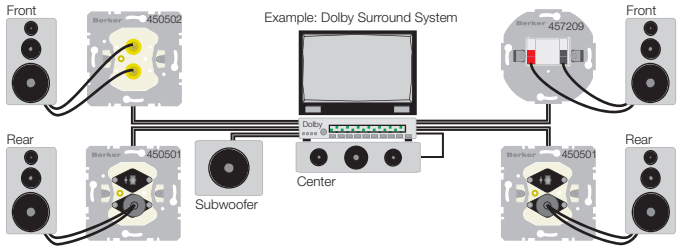
International systems

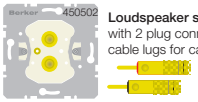


✱ = Non-polarised system (no specification for connection of external and neutral conductor)

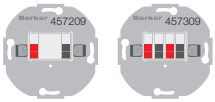
National abbreviations to ISO 3166: AD=Andorra; AE=United Arab Emirates; AG=Antigua; AL=Albania; AM=Armenia; AO=Angola; AR=Argentina; AT=Austria; AU=Australia; AZ=Azerbaijan; BA=Bosnia-Herzegovina; BE=Belgium; BF=Burkina Faso; BG=Bulgaria; BI=Burundi; BJ=Benin; BN=Brunei; BW=Botswana; BY=Byelorussia; CA=Canada; CF=Central African Republic; CG=Congo; CH=Switzerland; CI=Ivory Coast CL=Chile; CM=Cameroon; CY=Cyprus; CS=Serbia and Montenegro; CZ=Czech Republic; DE=Germany; DJ=Djibouti; DK=Denmark; DZ=Algeria; EE=Estonia; EG=Egypt; ER=Eritrea; ES=Spain; ET=Ethiopia; FI=Finland; FJ=Fiji; FR=France; GB=Great Britain; GD=Grenada; GE=Georgia; GF=French Guyana; GH=Ghana; GL=Greenland; GM=Gambia; GN=Guinea; GP=Guadeloupe; GR=Greece; GT=Guatemala; GY=Guyana; HK=Hong Kong; HN=Honduras; HR=Croatia; HT=Haiti; HU=Hungary; ID=Indonesia; IE=Ireland; IQ=Iraq; IR=Iran; IS=Iceland; IT=Italy; KE=Kenya; KH=Cambodia; KM=Comoros; KP=North Korea; KR=South Korea; KW=Kuwait; KZ=Kazakhstan; LA=Laos; LB=Lebanon; LR=Liberia; LT=Lithuania; LU=Luxemburg; LV=Latvia; LY=Libya; MA=Morocco; MD=Moldavia; MG=Madagascar; MK=Macedonia; ML=Mali; MR=Mauritania; MT=Malta; MW=Malawi; MX=Mexico; MY=Malaysia; MZ=Mozambique; NL=Netherlands; NO=Norway; NZ=New Zealand; OM=Oman; PA=Panama; PE=Peru; PH=Philippines; PL=Poland; PR=Puerto Rico; PT=Portugal; PY=Paraguay; RO=Rumania; RU=Russia; RW=Rwanda; SA=Saudi Arabia; SE=Sweden; SI=Slovenia; SK=Slovakia; SL=Sierra Leone; SN=Senegal; SO=Somalia; SR=Surinam; SV=Salvador; SY=Syria; TD=Chad; TG=Togo; TH=Thailand; TJ=Tajikistan; TM=Turkmenistan; TN=Tunisia; TR=Turkey; TW=Taiwan; TZ=Tanzania; UA=Ukraine; US=USA; UY=Uruguay; UZ=Uzbekistan; VE=Venezuela; VN=Vietnam; YE=Yemen; ZA=Zambia; ZW=Zimbabwe

Loudspeaker inserts





Loudspeaker socket outlet High End
with 2 plug connectors, 2 banana plugs and 2 metal type cable lugs gold-plated cable lugs for cable cross-sections up to max. 10mm² for 1 loudspeaker



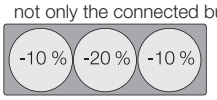
Loudspeaker and stereo loudspeaker connection box
with plug-in terminals for cable cross-sections up to max. 10mm²for 1 or 2 loudspeakers



Stereo loudspeaker socket outlet
with 2 integral speaker sockets to DIN 41529:1988-01 for 2 speakers

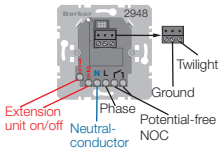
⚠ Operating conditions for electronic switches, dimmers and speed controllers

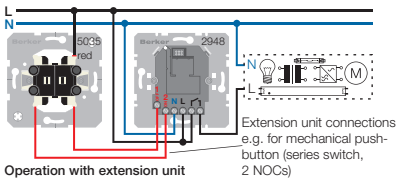
Rated load capacity when installed as single unit subject to:
- Ambient temperatures up to 25 °C
- Installation in solid stone wall
- The rated load of the Tronic transformer is always taken as the basis, not only the connected bulbs.



Differing conditions:
- minus 10 % per 5 °C above 25 °C
- minus 15 % in wood or chipboard walls
- minus 10 % external units in multiple combinations
- minus 20 % internal units in multiple combinations

Time switch





Operation with extension unit

When connecting energy-saving bulbs and electronic ballasts, consider the high inrush currents. Check suitability of equipment prior to use, fit in rush current limiters if necessary.

Timer Comfort

The timer permits programmed, timed switching of loads up to 1000 W/VA. It is also possible to switch the lighting depending on brightness using a twilight sensor. With the astronomical function adjustable by ±1 hour 59 minutes, the switch-on and switch-off times can be adjusted to the sunrise and sunset times for the specific location. With the timer function the lighting is switched on for a preset time between 1 minute and 23 hrs and 59 min. By way of the extension unit inputs, a series push-button with 2 NOC (normally open) contacts can be used to switch on or off manually. Manual operation has priority at all times.

Astronomical function

By activating the astro programme the switch-on times that occur within the period of daylight are not executed until sunset. Preset switch-on times after sunset are retained. Switch-off times which occur after sunrise are executed as soon as sunrise occurs. Preset switch-off times after sunrise are retained. The adjacent drawing shows the astronomic curve from week number 12 to week number 40, incorporating a +1 hour adjustment for summer time (user must switch between winter and summer time).

Twilight function (only with mounting with sensor connection):
The twilight function is activated approximately 90 minutes before sunset (see astronomic curve). Approximately 4 minutes after the brightness has fallen below the preset level, the lighting is switched on.

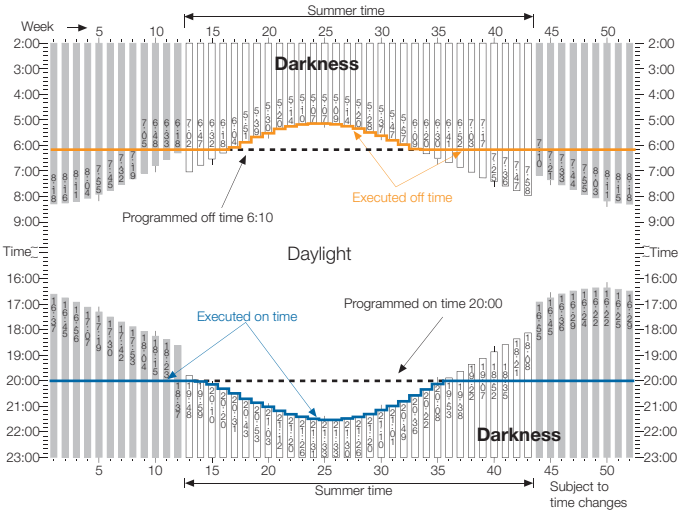
Features:

- Operation via 4-button control pad
- 2 independent programme memories for a total of 18 switching times (e.g. 9 switch-on and 9 switch-off times)
- Timer function (countdown function)
- Random function
- Astronomic function with individual adjustment facility ± 1 hour 59 minutes
- Adjustable twilight sensor
- Summer/winter time
- Operation of on/off extension unit inputs by rocker button with 2 NOCs. For intermediate and changeover switch circuits
- Reset to factory default possible
- Power reserve up to 24 hours (maintenance-free without batteries)
- Manual operation possible at any time

Technical data	Insert for timer Order-no.: 2948
Nominal voltage	230 V~, 50/60 Hz , N conductor required
Relay output	1 potential-free NOC, not suitable for isolating
Switching capacity	230 V Incandescent lamps and halogen lamps 1000 W (ohmic) Tronic transformers 750 W (capacitive) Conv. transformers (≥ 85% loading) incl. transformer power loss 500 VA (inductive) Fluorescent lamps uncompensated 500 VA, parallel compensated 400 VA (inductive) Duo circuit 1000 VA (inductive) Mixed load; capacitive and inductive loads should not be mixed
Power consumption	0.7 W
Security	via 16 A circuit breaker
Radio interference suppression	to EN 55015
Operating temperature	0 to 45 °C
Index of protection	IP20
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²
Usable mountings	1735.., 1736.. or 1738 ..

Technical data	Timer Comfort Order-no.: 1736.. or 1738..
Operating voltage	using insert order no. 2948
Switching time interval	min. 1 minute
Reversing time	min. 500 ms
Switching times	max. 18 in 2 programme memories
Accuracy	± 1 minute per month
Power reserve	approx. 24 hrs. (no batteries required)
Setting range for twilight sensor (1738 only)	approx. 6 to 300 Lux
Timer function (countdown)	1 minute to 23 hrs. 59 min.
Random generator	± 15 minutes
Astro programme	adjustable by ± 1 hrs. 59 min.
Radio interference suppression	to EN 55015
Operating temperature	0 to 45 °C
Index of protection	IP20

Astro curve for timer



Timer Easy

The Timer Easy permits programmed, timed switching of loads up to 1000 W. By way of the extension unit inputs, a series switch with 2 NOC (normally open) contacts can be used to switch on or off manually. Manual operation has priority at all times.

Programming Timer Easy

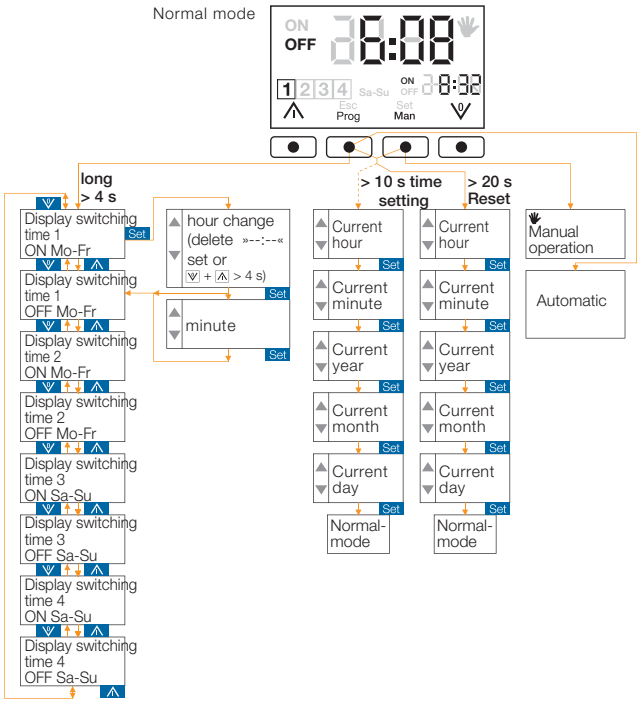
Function + ∧ > 20 sec. → Automatic summer / winter time changeover
with ∧ → »AU:_1« = Automatic ON
with ∨ → »AU:_0« = Automatic OFF

∧ + Prog > 4 sec. → Quick saving of the switch-on time for switching times 1 + 3 and deleting switch-on time for switching times 2 + 4

∨ + Prog > 4 sec. → Quick saving of the switch-off time for switching times 1 + 3 and deleting switching times 2 + 4

The push-button functions Set and Esc are available in the menus:
Set → Confirm input.
Changes are saved on leaving the sub-menu.

Esc → Esc to abort editing.
Changes are saved, the display reverts to normal mode.
After 2 minutes without any push-button activity the time switch reverts to normal mode.

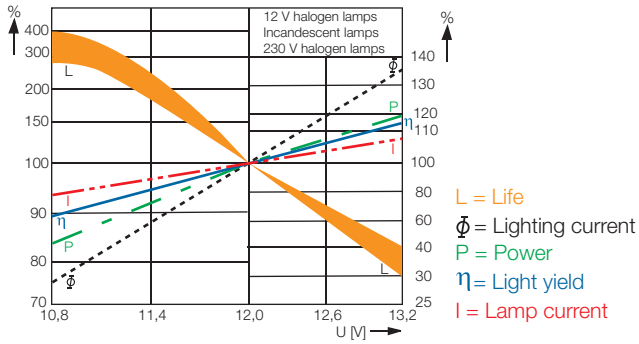


Technical data	Timer Easy Order-no.: 1735..
Operating voltage	using insert order no. 2948
Switching time interval	min. 1 minute
Reversing time	min. 500 ms
Switching times	2 blocks each for Mo-Fr and Sa-So (ON/OFF)
Accuracy	30 seconds per month
Power reserve	approx. 4 hrs. (no batteries required)
Radio interference suppression	to EN 55015
Operating temperature	5 to 35 °C
Index of protection	IP20

Energy saving by dimming

Controlling the brightness levels of lights not only provides a pleasant ambience, it also prolongs the lives of the bulbs. In the low-voltage halogen field in particular, the compact dimensions of the bulbs can provide special design benefits for lighting which are further enhanced by dimming.
A further important aspect is energy saving, because in dimming mode much less power is drawn from the system and the lives of the bulbs are also greatly prolonged (see diagram). This can save a great deal of money.

Bulb life depending on voltage

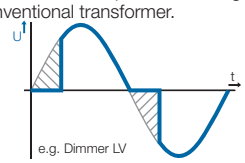


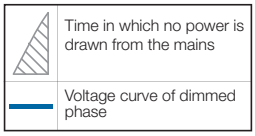
5 % lower voltage corresponds to 200 % life

Universal dimmers teach themselves the load type during commissioning and automatically set the correct dimming principle.

A distinction is made between two **dimming principles:**

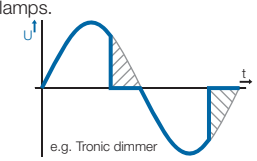
- **Phase cut-on** dimmer for brightness control of:
Incandescent lamps, 230 V halogen lamps and 12 V halogen lamps with conventional transformer.

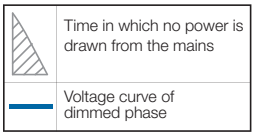




At the beginning of each half-wave the dimmer blocks the current flow to the lamp, it is non-conducting. Only at the end of the time set by the user does the dimmer cut in again, and current is re-applied to the connected lamps. At the next sine zero, the dimmer again blocks the current flow. This process is repeated with each sine half-wave - that is, 100 times per second (50 Hz). During the time in which the dimmer blocks the current, no power is drawn from the mains or metered.

- **Phase cut-off** dimmer for brightness control of:
Low-voltage halogen lamps with Tronic transformers, incandescent and halogen lamps.





The Tronic dimmer is activated when the sine half-wave passes through zero and deactivated again after the time set by the operator. At the next sine wave zero the Tronic dimmer releases the current flow again. This process is repeated with each sine half-wave - that is, 100 times per second (50 Hz). In the time during which the Tronic dimmer blocks the current, no power is drawn from the system, and none is metered.

Dimmer selection table

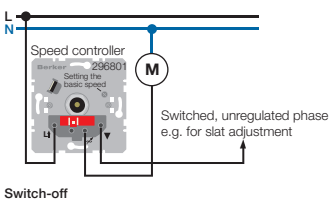
Load type: \ Dimmer type:	Standard phase cut-on dimmers (R)	Low voltage phase cut-on dimmers (R,L)	Phase cut-off dimmers (R,C)	Universal dimmer (R,L,C)	Speed controllers (M)
Standard Incandescent lamps (R)	R matches > OK, combination can be used!	R matches > OK, combination can be used!	R matches > OK, combination can be used!	R matches > OK, combination can be used!	No match > combination unsuitable
230 V halogen and incandescent lamps (R)	R matches > OK, combination can be used!	R matches > OK, combination can be used!	R matches > OK, combination can be used!	R matches > OK, combination can be used!	No match > combination unsuitable
12 V halogen lamps with conventional dimmable transformer (L)	No match > combination unsuitable	L matches > OK, combination can be used!	No match > combination unsuitable	L matches > OK, combination can be used!	No match > combination unsuitable
12 V halogen lamps with electronic transformer with capacitive characteristics (C)	No match > combination unsuitable	No match > combination unsuitable	C matches > OK, combination can be used!	C matches > OK, combination can be used!	No match > combination unsuitable
12 V halogen lamps with electronic transformer with inductive characteristics (L)	No match > combination unsuitable	L matches > OK, combination can be used!	No match > combination unsuitable	L matches > OK, combination can be used!	No match > combination unsuitable
12 V halogen lamps with electronic transformer with inductive or capacitive characteristics (L,C)	No match > combination unsuitable	L matches > OK, combination can be used!	C matches > OK, combination can be used!	L, C matches > OK, combination can be used!	No match > combination unsuitable
Motors (M)	No match > combination unsuitable	No match > combination unsuitable	No match > combination unsuitable	No match > combination unsuitable	M matches > OK, combination can be used!

ε Identifiers for dimmers and electronic switches (with semiconductor switching element) to DIN EN 60669-1/A2 and VDE 0632 part 1/A2.

μ Identifiers for switchgear with relays with micro-contact opening width to DIN EN 60669-1/A2 and VDE 0632 part 1/A2.

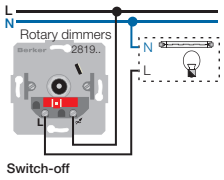
⚠ When using third-party transformers in conjunction with Berker Tronic dimmers and universal dimmers, malfunctions may occur because the components are not optimally attuned to each other.

Speed controller



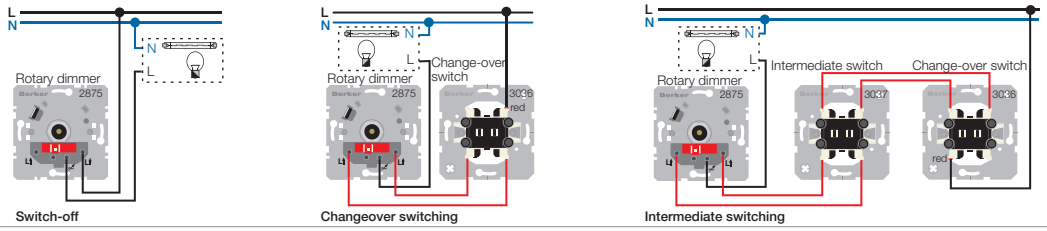
Technical data	Speed controller order no. 296801 (only 297010)
Motors	For 230/240 V~, 50/60 Hz single-phase motors such as induction, shaded pole or universal motors
Minimum load	0.1 A
Maximum load	2.7 A (2.3 A)
Motor and segment current	max. 2.7 A (max. 2.3 A)
Control principle	Phase cut-on
Noise	Low noise
Overheating protection	cut-out; auto. restart after cooling
Fine-wire fuse	T3,15H250
Radio interference suppression	to EN 55015
Operating temperature	-20 to 25 °C (see operating conditions, Page T6)
Terminals	Plug-in terminals for max. 2.5 mm² or 2 x 1.5 mm²

Rotary dimmer 400 W



Technical data	Rotary dimmer 400 W, order no. 2819..
Nominal voltage	230 V~, 50 Hz
Connected load	230 V Incandescent and halogen lamps 60-400 W Combinations of specified loads
LV boosters built-in	max. 10
Control principle	Phase cut-on
Noise	Low noise
Fine-wire fuse	T 1.6 H 250
Radio interference suppression	according to EN 55015
Operating temperature	5 to 25 °C (see operating conditions, Page T6)
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

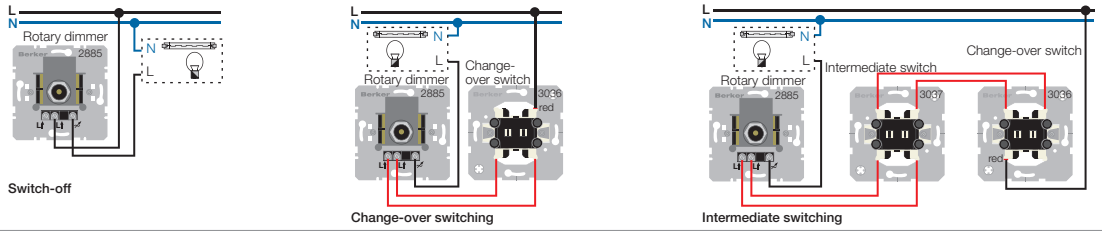
Rotary dimmer 600 W



Technical data	Rotary dimmer 600 W Order no. 2875
Nominal voltage	230 V~, 50 Hz
Connected load	230 V Incandescent and halogen lamps 60-600 W, (60-450 W) Combination of specified load types
Power boosters built-in (R, L)	max. 10
Dimming principle	Phase cut-on

(Rotary dimmer)	(Order no. 289505)
Noise	Low noise
Fine-wire fuse	T 2.5 H 250
Radio interference suppression	according to EN 55015
Operating temperature	5 to 25 °C (see operating conditions, Page T6)
Terminals	Plug-in terminals for max. 2.5 mm² or 2 x 1.5 mm²

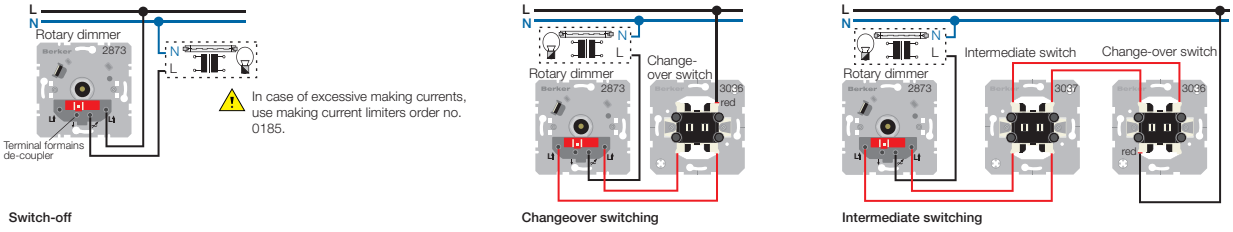
Rotary dimmer 1000 W



Technical data	
Nominal voltage	230/240 V~, 50 Hz
Connected load	230 V Incandescent and halogen lamps 100-1000 W Combinations of specified loads
Power boosters built-in (R, L)	max. 10
Dimming principle	Phase cut-on
Noise	Very low noise

Rotary dimmer 1000 W	Order no. 2885
Short-circuit-proof	Cut-out with auto. restart Electronic protection (no change-over)
Overload protected	By power reduction
Radio interference suppression	to EN 55015
Operating temperature	5 to 25 °C (see operating conditions, page T6)
Terminals	Screw-type terminals 0.75 to 4 mm²

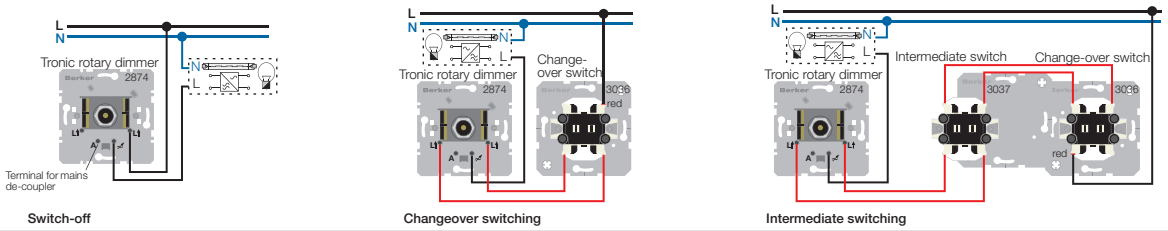
Rotary dimmer (R, L)



Technical data	
Nominal voltage	230 V~, 50 Hz
Connected load	230 V Incandescent and halogen lamps 20-500 W Conv. transformers subject to min. 85 % of rated load. 20-500 VA total power output including transformer power loss must must not exceed 500 VA. Combination of specified load types
Power boosters built-in (R, L)	max. 10

Rotary dimmer	Order no. 2873
Switching current for base load mains de-coupler	max. 100 mA
Dimming principle	Phase cut-on
Noise	Low noise
Fine-wire fuse	D 3.15 H 250
Radio interference suppression	to EN 55015
Operating temperature	5 to 25 °C (see operating conditions, page T6)
Terminals	Plug-in terminals for max. 2.5 mm² or 2 x 1.5 mm²

Tronic rotary dimmer (R, C)

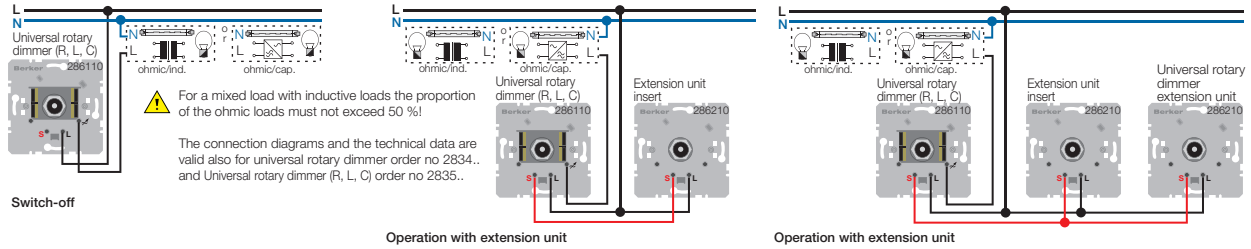


Technical data	
Nominal voltage	230 V~, 50 Hz
Connected load	230 V Incandescent and halogen lamps 20-525 W Tronic transformers 20-525 W Combination of specified load types
Universal booster RMD Plus	max. 10 à 500 W
Tronic power boosters built-in	max. 10
Switching current for base load mains de-coupler	max. 100 mA
Dimming principle	Phase cut-off

Tronic rotary dimmer (R, C)	Order no. 2874
Switch-on	Bulb-preserving soft start-up
Noise	Very low noise
Short-circuit-proof	Cut-out with auto. restart Electronic protection (no change-over)
Overload protected	By power reduction
Radio interference suppression	to EN 55015
Operating temperature	5 to 25 °C (see operating conditions, page T6)
Terminals	Plug-in terminals for max. 2.5 mm² or 2 x 1.5 mm²

Universal rotary dimmer with soft lock and extension unit input

R,L,C

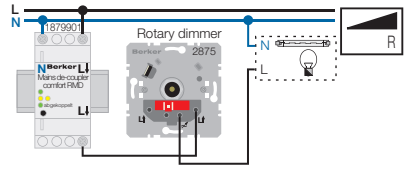


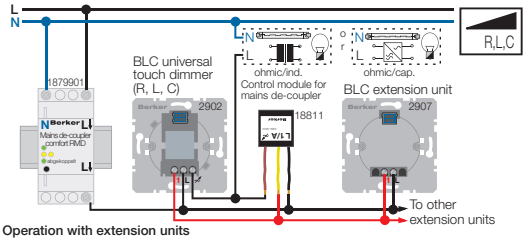
Technical data	
Nominal voltage	230 V~, 50/60 Hz
Connected load	230 V Incandescent and halogen lamps 50-420 W (ohmic, phase cut-off) Tronic transformers 50-420 W (capacitive, phase cut-off) or conv. transformers subject to min. 85 % of rated load. Total power output 50-420 VA including transformer power loss must not exceed 420 VA (inductive, phase cut-on). Mixed load of specified load types, do not mix capacitive and inductive loads!
Universal booster RMD Plus	for phase cut-off max. 10 items á 500 W for phase cut-on max. 5 items á 420 VA
Tronic or power boosters built-in (R, L) according to type of load	max. 10
Power consumption	approx. 0.5 W

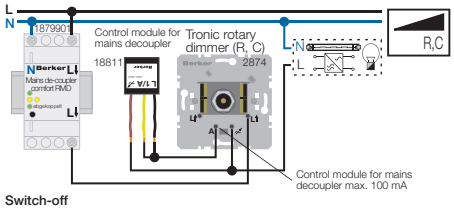
Universal rotary (R, L, C)	order no. 286110
Dimming principle	Phase cut-on or cut-off depending on load type
Switch-on	Bulb-preserving soft start-up
No. of extension units	Extension unit inserts max. 5
Extension unit cable length	max. 100 m
Noise	Very low noise
Short-circuit-proof	Cut-out with auto. restart, Electronic protection (no change-over)
Overload protected	by power reduction
Radio interference suppression	to EN 55015
Operating temperature	5 to 25 °C (see operating conditions, page T6)
Connecting terminals	Plug-in terminals for max. 2.5 mm² or 2 x 1.5 mm²

Rotary dimmer/Tronic rotary dimmer (R, C) and BLC Universal touch dimmer (R, L, C) with mains decoupler comfort RMD

Function: The mains de-couplers monitor the connected circuit and cut the mains power as soon as all consumers are switched off.
The cut-off circuit is monitored with 230 V DC.
This shuts off the electrical and electrical-magnetic alternating fields, as recommended by building biologists.
When a consumer is switched on the mains voltage is restored.







Conv. transformers subject to min. 85 % of rated load.
Total power output, including transformer power loss, must not exceed 420 VA.

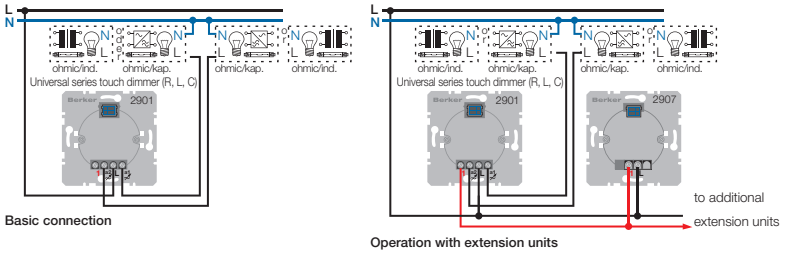
In order to prevent heating problems caused by mains overvoltages, there should be a 1/2 module gap between the inrush current limiters and other devices.

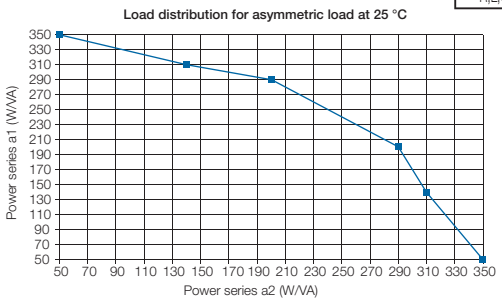
Depending on the mains decoupler, no more than 1 control module may be used per mains de-coupler.
Press a BLC push-button for at least 200 ms in order to re-activate the mains decoupler.

Can function with the following devices for example:	Order no.:	Control module for mains de-coupler required
Rotary dimmer 600 W	2875	-
Rotary dimmer (R, L)	2873	-
Tronic rotary dimmer (R, C)	2874	Yes
Universal rotary dimmer (R, L, C) extension unit input	2861.., 2834..	No, but no extension units possible
BLC universal touch dimmer (R, L, C) only with BLC button	2902	Only if extension units are used Max. extension set cable length: 20 m
1-10 V Rotary potentiometer	289110	-
1-10 V Push-button rotary potentiometer, NO contact	289610	-
Thermostat, NC contact, with centre plate	2030..	-
Thermostat, change over contact, with centre plate	2026..	-

Universal series touch dimmer (R, L, C) for buotton for Universal series touch dimmer (R, L, C)

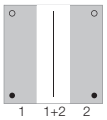
R,L,C





For a mixed load only ohmic/inductive or ohmic/capacitive is allowed per series
For a mixed load with inductive loads the proportion of the ohmic loads must not exceed 50 %!
Risk of destruction if load outputs series a1 and a2 are connected in parallel.
Risk of destruction, the electronic overheating protection only functions when a load is connected to series a1.
In all cases only the series on which the short-circuit occurred is switched off.
Extension unit operation is only possible if a load is connected to series a1.

Operation:
The button for universal series touch dimmer is subdivided into 3 areas.
Left: Operation of series 1
Right: Operation of series 2
Centre: Operation of series 1 and 2
Both series are always operated simultaneously via an extension unit.



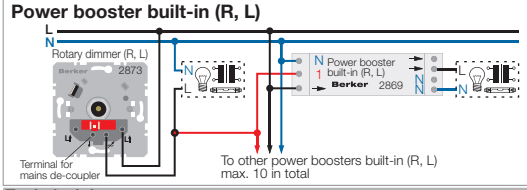
Operation in the switched-off state:
Press briefly above (< 400 ms): 100 % brightness or if a brightness is saved the memory is called up.
Long press below (> 400 ms): Dimming to minimum brightness (slumber function).

Operation in the switched-on state:
Press briefly below (< 400 ms) light is off.
Long press above/below (> 400 ms): Light is dimmed up/down.
Long press over the entire surface (> 3 sec.) the current brightness is saved;
the saving operation is indicated by a soft start.
(Delivery configuration: 100 % switch-on brightnesses)

Technical data	
Rated voltage	230 V~, 50/60 Hz
Connected load per series	230 V incandescent and halogen lamps 50-260 W (ohmic, phase cut-off) Tronic transformers 50-260 W (capacitive, phase cut-off) or conv. transformers (loaded < 85 %) incl. transformer power dissipation 50-260 VA (inductive, phase cut-on) Mixed loads possible, capacitive and inductive loads must not be mixed within a series, however!
Universal boosters RMD Plus	is checked
Tronic or power boosters built-in (R, L) according to type of load	max. 10
Power consumption	approx. 0.7 W per series
Dimming principle	per series phase cut on or cut off depending upon type of load

Universal series touch dimmer (R, L, C)	order no. 2901
Switching on	Bulb-preserving soft startup
Number of extension units	BLC extension unit unlimited
Extension unit cable length	max. 100 m
Noise generation	very low noise
Short-circuit proof	Switch-off with autom. restart electron. fuse (maintenance-free)
Overtemperature protection	autom. switch-off
Radio interference suppression	according to EN 55015
Operating temperature	5 to 25 °C (observe operating conditions page T6)
Connecting terminals	Screw terminals for max. 4 mm² or 2 x 2.5 mm²

Power booster built-in (R, L)



R,L

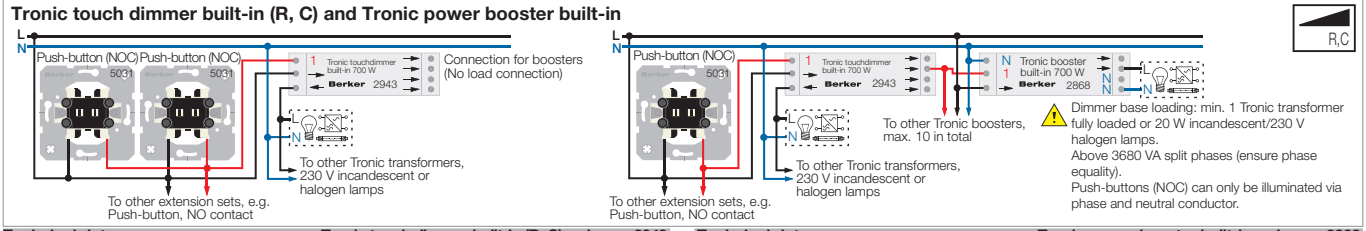
⚠ Above 3680 VA split phases. (ensure phase equality.) Observe the operating conditions on Page T6.

⚠ In case of excessive making currents use making current limiters order no.: 185.

Technical data	
Rated voltage	230 V~, 50 Hz
Connected load	230 V incandescent and halogen lamps 50-600 W conv. transformers (loaded < 85 %) incl. transformer power dissipation 50-600 W VA Mixed load of the specified load types, do not mix capacitive and inductive loads!
Power boosters built-in (R, L)	max. 10 total
Dimming principle	phase cut-on
Switching on	bulb-preserving soft startup
Noise generation	very low noise

Power booster built-in (R, L)	Order no. 2869
Short-circuit proof	Switch-off with autom. restart within 7 sec. electron. fuse (maintenance-free)
Overtemperature protection	via autom. switch-off
Radio interference suppression	according to EN 55015
Operating temperature	-5 to 45 °C, -15 % power reduction per 5 °C over
Connecting terminals	Screw terminals 0.75–4 mm²
Minimum ceiling aperture for standard ceiling height of 78 mm	63 mm
Dimensions (W x H x D)	48.5 x 46 x 212 mm

Tronic touch dimmer built-in (R, C) and Tronic power booster built-in



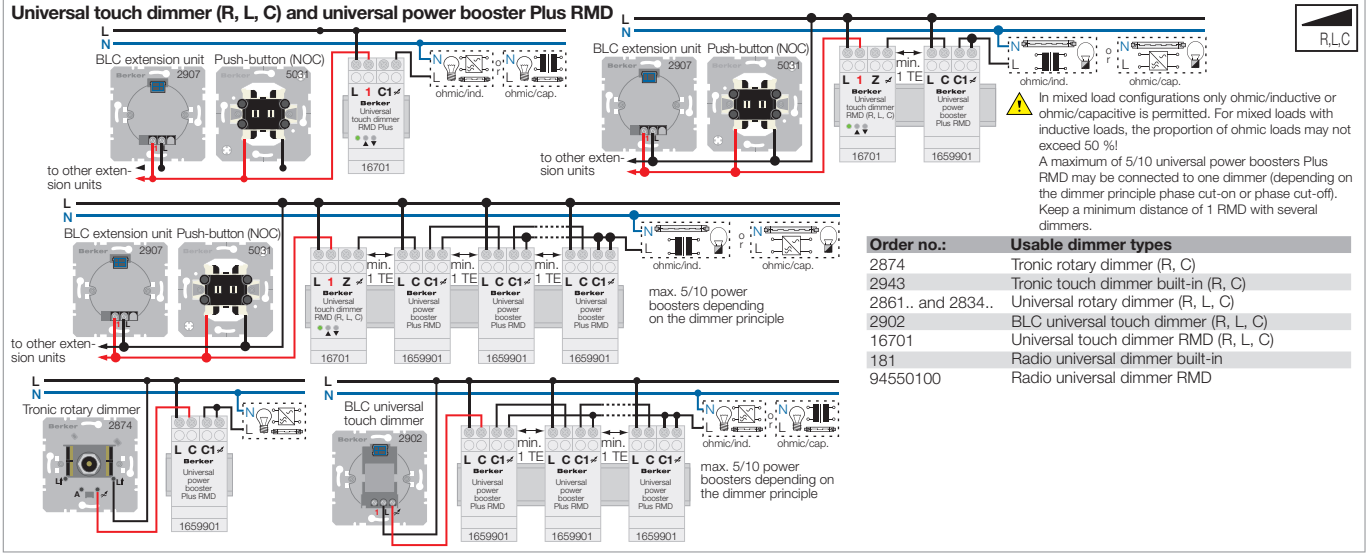
R,C

⚠ Dimmer base loading: min. 1 Tronic transformer fully loaded or 20 W incandescent/230 V halogen lamps.
Above 3680 VA split phases (ensure phase equality).
Push-buttons (NOC) can only be illuminated via phase and neutral conductor.

Technical data	Tronic touch dimmer built-in (R, C) order no. 2943
Rated voltage	230 V~, 50 Hz
Connected load	230 V incandescent and halogen lamps 50-700 W | Tronic transformers 50-700 W Mixed load of the specified load types, do not mix capacitive and inductive loads!
Power boosters built-in (R, L) (universal boosters)	max. 10 (max. 10 á 400 W)
Dimming principle	phase cut-off
Switching on	bulb-preserving soft startup
Number of extension units	BLC extension unit and push-button (NO contact) unlimited
Noise generation	very low noise
Short-circuit proof	Switch-off with autom. restart within 7 sec. electron. fuse (maintenance-free)
Overtemperature protection	via autom. switch-off
Radio interference suppression	according to EN 55015
Operating temperature	-5 to 45 °C, -15 % power reduction per 5 °C over
Connecting terminals	Screw terminals 0.75–4 mm²
Minimum ceiling aperture for standard ceiling height of 78 mm	63 mm
Dimensions (W x H x D)	48.5 x 46 x 212 mm

Technical data	Tronic power booster built-in order no. 2868
Rated voltage	230 V~, 50/60 Hz
Connected load	230 V incandescent lamps and halogen lamps 50-700 W Tronic transformers 50-700 W Mixed load of the specified load types, do not mix capacitive and inductive loads!
Power boosters built-in (R, L)	max. 10 total
Dimming principle	phase cut-off
Switching on	bulb-preserving soft startup
Noise generation	very low noise
Short-circuit proof	Switch-off with autom. restart within 7 sec. electron. fuse (maintenance-free)
Overtemperature protection	via autom. switch-off
Radio interference suppression	according to EN 55015
Operating temperature	-5 to 45 °C, -15 % power reduction per 5 °C over
Connecting terminals	Screw terminals 0.75–4 mm²
Minimum ceiling aperture for standard ceiling height of 78 mm	63 mm
Dimensions (W x H x D)	48.5 x 46 x 212 mm

Universal touch dimmer (R, L, C) and universal power booster Plus RMD



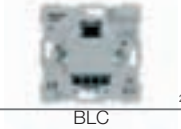
R,L,C

⚠ In mixed load configurations only ohmic/inductive or ohmic/capacitive is permitted. For mixed loads with inductive loads, the proportion of ohmic loads may not exceed 50 %!
A maximum of 5/10 universal power boosters Plus RMD may be connected to one dimmer (depending on the dimmer principle phase cut-on or phase cut-off). Keep a minimum distance of 1 RMD with several dimmers.

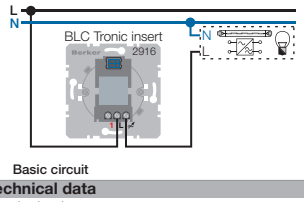
Order no.:	Usable dimmer types
2874	Tronic rotary dimmer (R, C)
2943	Tronic touch dimmer built-in (R, C)
2861.. and 2834..	Universal rotary dimmer (R, L, C)
2902	BLC universal touch dimmer (R, L, C)
16701	Universal touch dimmer RMD (R, L, C)
181	Radio universal dimmer built-in
94550100	Radio universal dimmer RMD

Technical data	Universal touch dimmer RMD (R, L, C) order no. 16701
Nominal voltage	230 V~, 50/60 Hz
Connected load	230 V Incandescent and halogen lamps 50-500 W (ohmic, phase cut-off) Tronic transformers 50-500 W (capacitive, phase cut-off) or conv. transformers subject to min. 85 % of rated load. Total power output 50-500 VA including transformer power loss must not exceed 500 VA (inductive, phase cut-on). Mixed load of specified load types, do not mix capacitive and inductive loads!
Load cable and Control cable length	per max. 100 m
Universal power booster Plus RMD	for phase cut-off max. 10 items á 500 W for phase cut-on max. 5 items á 420 VA
Dimming principle	Phase cut-on or cut-off depending on load type
Switch-on	Bulb-preserving soft start-up
No. of extension units	BLC extension unit and push-button (NOC) unlimited
Extension set cable length	max. 100 m
Noise	Very low noise
Short-circuit-proof	Cut-out with auto. restart Electronic protection (no change-over)
Overheating protection	by means of autom. cut-out
Radio interference suppression	to EN 55015
Operating temperature	-5 to 45 °C
Connecting terminals	Screw-type terminals 0.75 to 4 mm²
RMD	2 modules
Dimensions (W x H x D)	36 x 90 x 70 mm
Height from DIN rail	63 mm

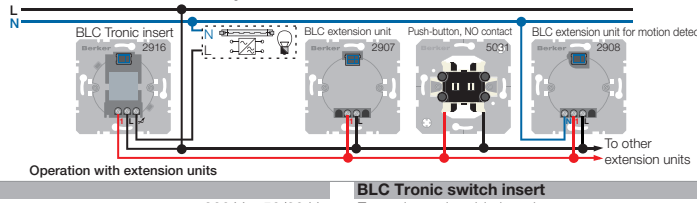
Technical data	Universal power booster Plus RMD order no. 1659901
Nominal voltage	230 V~, 50/60 Hz
Connected load (per power booster)	230 V Incandescent and halogen lamps 200-500 W (ohmic, phase cut-off) Tronic transformers 200-500 W (capacitive load, phase cut-off) or conv. transformers subject to min. 85 % of rated load. Total power output 200-420 VA including transformer power loss must not exceed 420 VA (inductive load, phase cut-on). Mixed load of specified load types, do not mix capacitive and inductive loads!
Load cable length	max. 100 m
Control cable length	max. 100 m
Universal power booster Plus RMD	total for phase cut-off max. 10 items á 500 W total for phase cut-on max. 5 items á 420 VA
Dimming principle	Phase cut-on or cut-off depending on activation
Switch-on	Bulb-preserving soft start-up
Noise	Very low noise
Short-circuit-proof	Cut-out with auto. restart Electronic protection (no change-over)
Overheating protection	by means of autom. cut-out
Radio interference suppression	to EN 55015
Operating temperature	-5 to 45 °C
Connecting terminals	Screw-type terminals 0.75 to 4 mm²
RMD	2 modules
Dimensions (W x H x D)	36 x 90 x 70 mm
Height from DIN rail	63 mm

Covers / Inserts	BLC push-button	BLC radio push-button	BLC motion detector	BLC motion detector Comfort	BLC presence detectors with constant light control
	 1761 xx xx	 1760 xx xx	 1783 xx xx 1786 xx xx 1788 xx xx	 1784 xx xx 1787 xx xx 1789 xx xx	 1701 10
BLC Triac insert (R, L) 50-400 W/VA  2905	Switching	Switching Radio remote control Light scenes (On/Off)	Switching	Switching Step operation with immunity time (1789 xx additional functions e.g. pre-warning of switch-off)	Switching Light control
BLC Tronic insert (R, L) 50-420 W  2916	Switching	Switching Radio remote control Light scenes (On/Off)	Switching	Switching Step operation with immunity time Digital mode of operation (1789 xx additional functions e.g. pre-warning of switch-off)	Switching Light control
BLC relay insert 2300 W/VA  2906	Switching	Switching Radio remote control Light scenes (On/Off)	Switching	Switching Step operation with immunity time Digital mode of operation (1789 xx additional functions e.g. pre-warning of switch-off)	Switching Light control
BLC relay insert  2906 10	Switching	Switching Radio remote control Light scenes (On/Off)	Switching	Switching Step operation with immunity time Digital mode of operation (1789 xx additional functions e.g. pre-warning of switch-off)	Switching Light control
BLC relay insert HLK 1000 W/VA | 800 W/VA  2912	Switching + HLK contact day-time-controlled	Switching + HLK contact day-time-controlled Radio remote control Light scenes (only On/Off)	Switching+ Brightness-independent HLK contact delay time-controlled	Switching Brightness-independent step operation with immunity time + Brightness-independent HLK contact delay time-controlled Digital mode of operation (1789 xx addit. functions)	Switching + HLK contact day-time-controlled Light control
BLC touch dimmer (R, L) 20-500 W/VA  2904	Switching Dimming Switch-on brightness memory	Switching Dimming Switch-on brightness memory Radio remote control Light scenes	Switching	Switching Switch-off pre-warning by 30 seconds' dimming process Switch-on brightness memory Digital mode of operation (1789 xx additional functions)	Switching Dimming Constant light control
BLC universal touch dimmer (R, L, C) 50-420 W/VA  2902	Switching Dimming Switch-on brightness memory	Switching Dimming Switch-on brightness memory Radio remote control Light scenes	Switching	Switching Switch-off pre-warning by 30 seconds' dimming process Switch-on brightness memory Digital mode of operation (1789 xx additional functions)	Switching Dimming Constant light control
BLC 1-10 V touch control unit 700 W  2903	Switching Dimming Switch-on brightness memory	Switching Dimming Switch-on brightness memory Radio remote control Light scenes	Switching	Switching Switch-off pre-warning by 30 seconds' dimming process Switch-on brightness memory Digital mode of operation (1789 xx additional functions)	Switching Dimming Constant light control
BLC insert for timer  2934 10	Switch-on Switch-off warning flashing Use only in conjunction with BLC timer RMD for stairway light		Switch-on Switch-off warning flashing Use only in conjunction with BLC timer RMD for stairway light	Switch-on Switch-off warning flashing Digital mode of operation Use only in conjunction with BLC timer RMD for stairway light	Switch-on Switch-off warning flashing Use only in conjunction with BLC timer RMD for stairway light
BLC extension unit  2907	Switching (dimming) Extension for BLC touch dimmer, inserts (Push-button, NO contact) Presence function On/Off Saving of switch-on brightness				
BLC extension unit for motion detector  2908			As active extension unit for BLC controller 1.1 m, BLC controller 1.1 m Comfort and BLC presence detectors with constant light control	As active extension unit for BLC controller 1.1 m, BLC controller 1.1 m Comfort and BLC presence detectors with constant light control Digital mode of operation (1789 xx additional functions)	As active extension unit for BLC controller 1.1 m, BLC controller 1.1 m Comfort and BLC presence detectors with constant light control

BLC Tronic insert (R, C) for BLC button, BLC radio button, BLC presence detector and BLC controller



Basic circuit



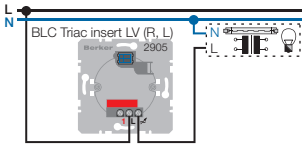
Operation with extension units

⚠ Push-buttons, NO contact) can only be illuminated via phase and neutral conductor.
Extension unit operation is only possible if there is a cover fitted on the BLC Tronic insert (R, C). Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC Tronic insert (R, C).

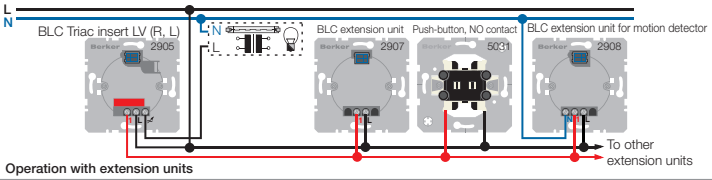
Technical data	
Nominal voltage	230 V~, 50/60 Hz
Connected load	Incandescent and 230 V halogen lamps and 12 V halogen lamps with Tronic transformer and mixed load of specified load types 50-420 W
Power consumption	approx. 1 W
Switch-on	Bulb-preserving soft start
Extension units	BLC extension unit and Push-button, NO contact unlimited BLC controller extension units max. 10

BLC Tronic switch insert	Order no. 2916
Extension unit cable length	max. 100 m
Short-circuit-proof	Cut-out with auto. restart within 7 sec. Electronic protection (no change-over)
Overheating protection	by means of autom. cut-out
Radio interference suppression	to EN 55015
Operating temperature	-20 to 25 °C (see operating conditions, Page T6)
Connecting terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

BLC Triac insert LV for BLC button, BLC radio button, BLC presence detector and BLC controller



Basic circuit



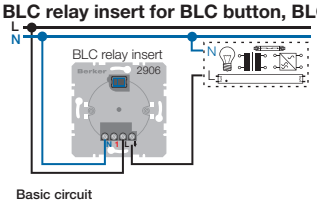
Operation with extension units

⚠ Push-buttons, NO contacts can only be illuminated via phase and neutral conductor.
Extension unit operation is only possible if there is a cover fitted on the BLC Triac insert (R, L).
Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC Triac switch insert.

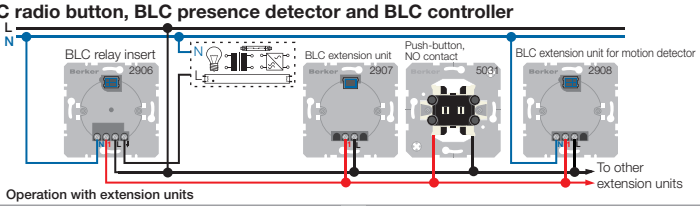
Technical data	
Nominal voltage	230 V~, 50/60 Hz
Connected load	Incandescent and 230 V halogen lamps 40-400 W Conv. transformers (< 85 % loading) incl. transformer power loss 40-400 VA (inductive) Combination of specified load types
Power consumption	approx. 1 W
Switch-on	Bulb-preserving soft start

BLC switch insert (R, L)	Order no. 2905
Extension units	BLC extension unit and push-button (NOC) unlimited BLC controller extension units max. 10
Extension unit cable length	max. 100 m
Fine-wire fuse	T 1.6 H 250 V
Radio interference suppression	to EN 55015
Operating temperature	-20 to 25 °C (see operating conditions, Page T6)
Connecting terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

BLC relay insert for BLC button, BLC radio button, BLC presence detector and BLC controller



Basic circuit



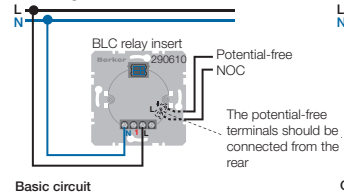
Operation with extension units

⚠ When energy-saving lamps and electronic ballasts are connected note high switch-on currents, if necessary use inrush current limiter order no. 185.
Push-buttons, NO contacts can only be illuminated via phase and neutral conductor.
Extension unit operation is only possible if there is a cover fitted on the BLC relay insert.
Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC relay insert.

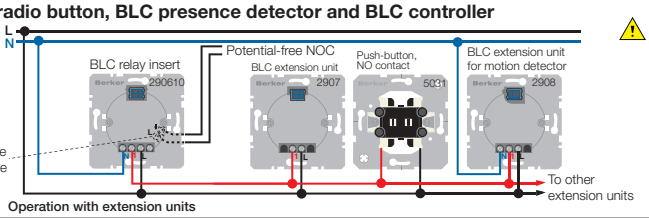
Technical data	
Nominal voltage	230 V, 50/60 Hz
Connected load	Incandescent and 230 V halogen lamps 2300 W (ohmic) Tronic transformer 1500 W (capacitive) Conv. transformers (< 85 % loading) incl. transformer power loss 1000 VA (inductive) Fluorescent lamps uncompensated 1200 VA, parallel compensated 920 VA (induktive) Duo circuit 2300 VA (inductive) Mixed load; capacitive and inductive loads should not be mixed

BLC relay insert	Order no. 2906
Power consumption	approx. 1.1 W
Extension units	BLC extension unit and push-button (NOC) unlimited BLC extension units for motion detector max. 10
Extension unit cable length	max. 100 m
Fuse	Via 10 A circuit-breaker
Radio interference suppression	to EN 55015
Operating temperature	- 20 to 45 °C (2000 W at 45 °C)
Connecting terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

BLC relay insert for BLC button, BLC radio button, BLC presence detector and BLC controller



Basic circuit



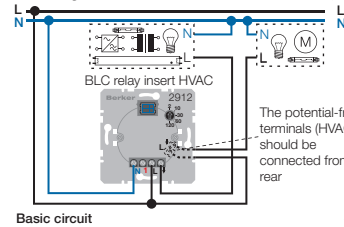
Operation with extension units

⚠ When energy-saving lamps and electronic ballasts are connected note high switch-on currents, if necessary use inrush current limiter order no. 185.
The potential-free contact is suitable for function extra-low voltage FELV (alternating current)!
Push-buttons, NO contacts can only be illuminated via phase and neutral conductor.
Extension unit operation is only possible if there is a cover fitted on the BLC relay insert.
Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC relay insert.

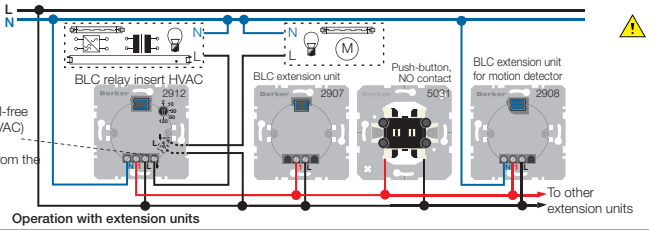
Technical data	
Nominal voltage	230 V, 50/60 Hz
Connected load potential-free suitable for extra-low voltage function (AC)	Incandescent lamps 800 W 230 V halogen lamps 750 W
Minimum load	12 V, 100 mA
Extension units	BLC extension units and push-button (NOC) unlimited BLC extension unit for motion detector max. 10

BLC relay insert	Order no. 290610
Extension unit cable length	max. 100 m
Power consumption	approx. 1.5 W
Fuse	Via 10 A circuit-breaker
Radio interference suppression	to EN 55015
Operating temperature	5 to 35 °C
Connecting terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

BLC relay insert HVAC for BLC button, BLC radio button, BLC presence detector and BLC controller



Basic circuit



Operation with extension units

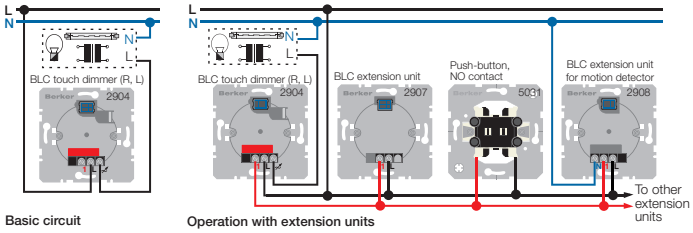
⚠ When energy-saving lamps and electronic ballasts are connected note high switch-on currents, if necessary use inrush current limiter order no. 185.
The potential-free contact is suitable for function extra-low voltage FELV (alternating current)!
Push-buttons, NO contacts can only be illuminated via phase and neutral conductor.
Extension unit operation is only possible if there is a cover fitted on the BLC relay insert HVAC.
Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC relay insert HVAC.

Technical data	
Nominal voltage	230 V, 50/60 Hz
Connected power channel 1	Incandescent and 230 V halogen lamps 1000 W (ohmic) Tronic transformer 750 W (capacitive) Conv. transformers (< 85 % loading) incl. transformer power loss 750 VA (inductive) Fluorescent lamps uncompensated 500 VA, Duo circuit 1000 VA (inductive) Mixed load, capacitive and inductive loads should not be mixed
Connected power HVAC channel Potential-free	incandescent lamps 800 W 230 V halogen lamps 750 W motor switching current 2.1 A

BLC relay insert HVAC	Order no. 2912
Power consumption	approx. 1.5 W
Switching OFF delay time	HVAC channel approx. 2/10/30/60/120 min.
Switching delay	HVAC channel 3 min., can be permanently switched off with BLC push-button
Extension units	BLC extension units and push-button (NOC) unlimited BLC extension units for motion detector max. 10
Extension unit cable length	max. 100 m
Fuse	Via 10 A circuit-breaker
Radio interference suppression	to EN 55015
Operating temperature	5 to 35 °C
Connecting terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

BLC touch dimmer (R, L) for BLC button, BLC radio button, BLC presence detector and BLC controller

R,L



Basic circuit

Operation with extension units

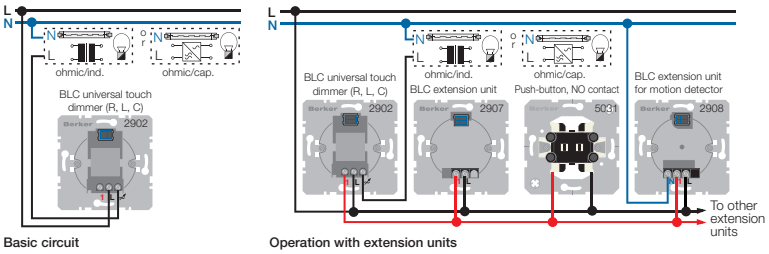
Switch-on brightness can only be saved power failure safe with BLC button and BLC radio button on dimmer and with BLC button via the extension unit.
Push-buttons, NO contacts can only be illuminated via L and N.
Extension unit operation is only possible if there is a cover fitted on the BLC touch dimmer (R, L).
Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC touch dimmer (R, L).
In case of excessive switch-on currents (with conv. transformers) use inrush current limiter order no. 185.

Technical data	
Nominal voltage	230 V~, 50/60 Hz
Connected load	Incandescent and 230 V halogen lamps 20-500 W Conv. transformers at min. 85 % of rated load. total power output 20-500 VA including transformer power loss must must not exceed 500 VA. Combination of specified load types
Boosters built-in (R, L)	max. 10
Power consumption	approx. 1.2 W
Dimming principle	Phase cut-on

BLC touch dimmer LV	Order no. 2904
No. of extension units	BLC extension unit and push-button (NO) unlimited BLC extension units for motion detector max. 10
Extension unit cable length	max. 100 m
Noise	Low noise
Fine-wire fuse	T 2 H / 250 V
Radio interference suppression	according to EN 55015
Operating temperature	-20 to 25 °C (see operating conditions, Page T6)
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

BLC universal touch dimmer (R, L, C) for BLC button, BLC radio button, BLC presence detector and BLC controller

R,L,C



Basic circuit

Operation with extension units

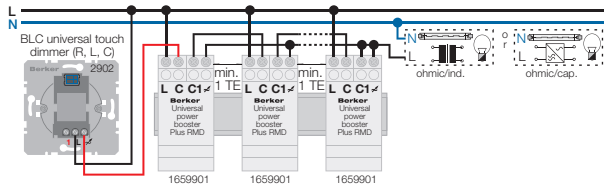
For a mixed load only ohmic/inductive or ohmic/capacitive is allowed
For a mixed load with inductive loads the proportion of the ohmic loads must not exceed 50 %!
Switch-on brightness can only be saved power failure safe with BLC button and BLC radio button on dimmer and with BLC button via the extension unit.
Push-buttons, NO contacts can only be illuminated via L and N.
Extension unit operation is only possible if there is a cover fitted on the BLC universal touch dimmer (R, L, C).
Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC universal touch dimmer (R, L, C).

Technical data	
Nominal voltage	230 V~, 50/60 Hz
Connected load	Incandescent and 230 V halogen lamps 50-420 W (ohmic, phase cut-off) Tronic transformers 50-420 W (capacitive, phase cut-off) or Conv. transformers subject to min. 85 % of rated load. total power output 50-420 VA including transformer power loss must not exceed 420 VA (inductive, phase cut-on) Mixed load of specified load types, do not mix capacitive and inductive loads!
Universal booster Plus RMD	for phase cut-off max. 10 items à 500 W for phase cut-on max. 5 items à 420 VA
Tronic or power boosters built-in (R, L) according to type of load	max. 10
Power consumption	approx. 0.7 W
Dimming principle	Phase cut-on or cut-off depending on load type

BLC universal touch dimmer	Order no. 2902
Switch-on	Bulb-preserving soft start-up BLC extension unit and push-button (NO) unlimited
No. of extension units	BLC extension units for motion detector max. 5
Extension unit cable length	max. 100 m
Noise	Very low noise
Short-circuit-proof	Cut-out with auto. restart Electronic protection (no change-over)
Overheating protection	by means of autom. cut-out
Radio interference suppression	according to EN 55015
Operating temperature	-20 to 25 °C (see operating conditions, Page T6)
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

BLC universal touch dimmer (R, L, C) with universal power boosters

R,L,C

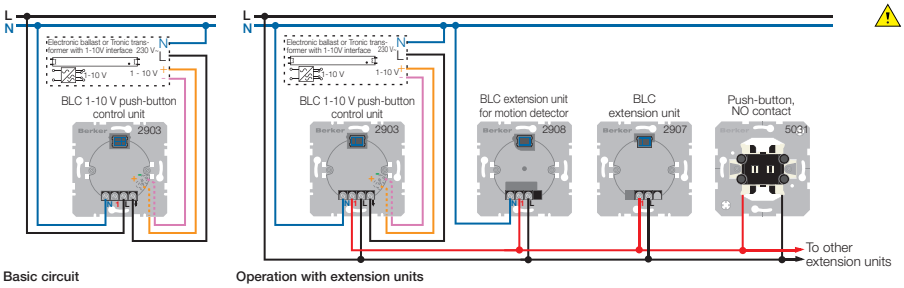


Max. 5/10 power boosters depending on the dimmer principle

For a mixed load only ohmic/inductive or ohmic/capacitive is allowed.
For a mixed load with inductive loads the proportion of the ohmic loads must not exceed 50 %!
For mixed loads with inductive loads, the proportion of ohmic loads may not exceed 50 %!
A maximum of 5/10 universal power boosters Plus RMD may be connected to the dimmer (depending on the dimmer principle phase cut-on or phase cut-off).

BLC 1 - 10 V push-button control unit for BLC button, BLC radio button, BLC presence detector and BLC controller

with extension unit input for electronic ballasts and/or Tronic transformers with 1-10 V interface.



Basic circuit

Operation with extension units

When connecting energy saving bulbs and electronic ballasts, consider the high inrush currents. Check suitability of equipment prior to use, fit in rush current limiters order no. 185 if necessary.
Basic brightness can only be saved with BLC button on BLC push-button control unit 1-10 V.
Switch-on brightness can only be saved power failure safe with BLC button and BLC radio button on BLC 1-10 V push-button control unit and with BLC button via the extension unit.
Push-buttons, NO contacts can only be illuminated via L and N.
Extension unit operation is only possible if there is a cover fitted on the BLC 1-10 V push-button control unit.
Use BLC extension unit for motion detector only in combination with BLC controller or BLC presence detector on the BLC 1-10 V push-button control unit.
To example of the planning 1-10 V of a plant see side T28.

Technical data	
Nominal voltage	230 V~, 50/60 Hz
Control voltage	1-10 V
Max. control current	50 mA
Switching contact	Relay
Connected load	700 W incandescent and 230 V halogen lamps Electronic ballasts type-specific Tronic transformers type-specific
Power consumption	approx. 1.8 W

BLC 1-10 V push-button control unit	Order no. 2903
Extension units	BLC extension units and push-button (NO) unlimited BLC extension units for motion detector max. 10
Extension unit cable length	max. 100 m
Open circuit protected	Yes
Electrical isolation 1-10 V	2 kV base installation
Fuse	Via 10 A circuit-breaker
Radio interference suppression	according to EN 55015
Operating temperature	5 to 35 °C
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

Product features BLC controller 1783 xx / 1786 xx

- For mounting on BLC inserts
- Optimised detection thanks to refined lens system
- Detection angle 180°
- Scope of delivery includes cover for limiting the detection area to 90°
- Analogue signal processing
- Response brightness adjustable in the range from 0 to 80 lux / daytime operation
- Response sensitivity continuously adjustable from 20 to 100 % via potentiometer
- Standardisation by means of specified delay time (2 min.)
- Extension of the detection area, e.g. for long corridors, through active BLC extension units for motion detector 2908 with BLC controllers 1783 ../1786 ../ 1788../, BLC controllers comfort 1784 ../1787 ../1789 .. and BLC presence detector 170109
- Switching on, even outside of the detection area, through the use of passive BLC extension units 2907 or push-buttons (NOCs)
- Also motion-dependent, brightness-independent, time-delayed switching of fans, heaters, etc. through use with BLC relay insert HVAC 2912
- Operating temperature range -20 to 45 °C
- Splash-protected flush-mounted variants (IP44) available

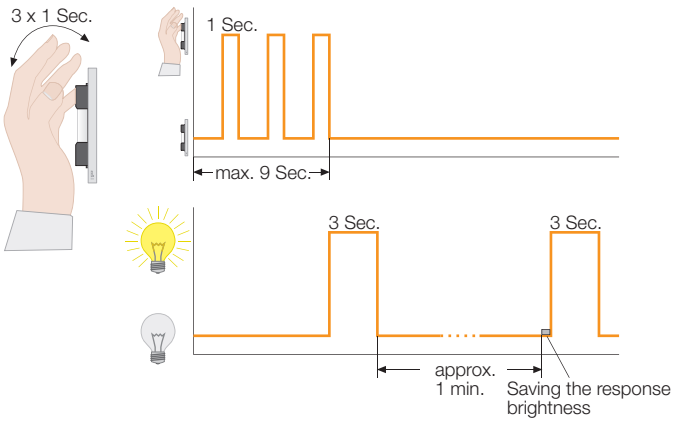
Product features BLC controller comfort 1784 xx / 17887 xx

- For mounting on BLC inserts
- Optimised detection thanks to refined lens system
- Detection angle 180°
- Scope of delivery includes cover for limiting the detection area to 90°
- Digital signal processing
- Adaptive automatic sensitivity adjustment to process the effects of interference signal sources and for adaptation to the ambient conditions
  --> optimised wrong operation safety
  --> enhanced switching accuracy for detecting persons
- Response sensitivity also manually continuously adjustable from 20 to 100 % on potentiometer
- Response brightness adjustable in the range from 0 to 80 lux / daytime operation
- Teach function as an additional easy way to individually adjust the response brightness (without detaching the cover)
- Glareproof against brief light from, for example, car headlamps/torches
- No switching-on in case of unforeseeable short shadows
- Slide switch for off/automatic/on
- Brightness-independent step operation with immunity time 3 sec. (only in connection with BLC switch inserts, e.g. for doorbell operation)
- Dimming function (soft-off 30 sec.) when using a BLC dimmer insert
- Setting the switch-on brightness for the lighting via BLC extension unit 2907 in the BLC main dimming device (memory function)
- Extension of the detection area, e.g. for long corridors, through active controller BLC extension units for motion detector 2908 with BLC controllers 1783 ../1786 ../1788 .., BLC controller comfort 1784 ../1787 ../1789 .. and BLC presence detector 170109
- Switching on, even outside of the detection area, through the use of passive BLC extension units 2907 or push-buttons (NOCs)
- Also motion-dependent, brightness-independent, time-delayed switching of fans, heaters, etc. through use of the BLC relay insert HVAC 2912
- Operating temperature range -20 to 45 °C
- Splash-protected flush-mounted variants (IP44) available

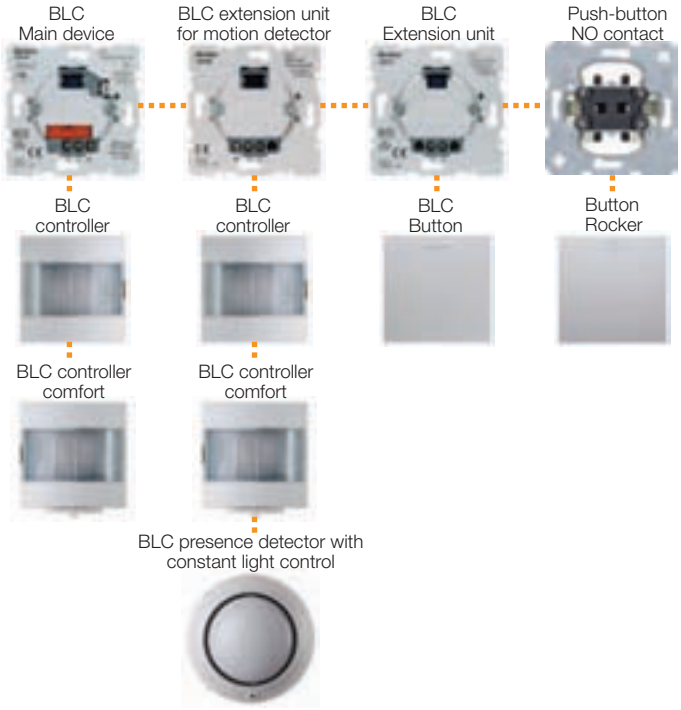
Teach function

The teaching function can be used to save the current ambient brightness (response brightness). The response brightness set on the potentiometer is then no longer evaluated. Procedure:

- To activate the teaching function, cover up the BLC controller comfort completely briefly for approx. 1 sec.at least 3 times within a period of 9 sec.
- As soon as the BLC controller comfort 3 has recognised 3 light cycles, the teaching function will be active. For confirmation, if the lighting is already switched on it is then switched off and then switched on for 3 sec. If the lighting is already switched off, then it is switched on for 3 sec.
- During the next minute, move away from the BLC controller comfort, so that it can correctly measure and save the current ambient brightness.
  To confirm that it has been saved, switch the lighting on for 3 sec.
- The BLC controller comfort switches to the operating mode set on the slide switch.
  A power failure > 2 sec. reactivates the response brightness set on the potentiometer.

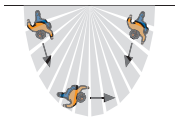


Possible combinations

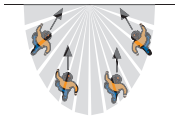


Installation instructions

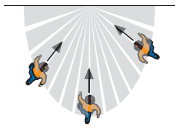
optimal
The detection rays are intersected optimally.



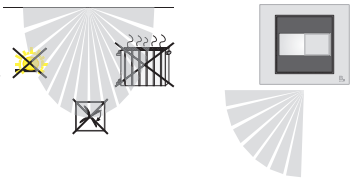
not optimal
The detection rays are not intersected optimally.
Range is limited.



wrong
The detection rays are not intersected.
The controller detects the object too late.

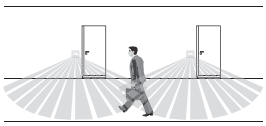


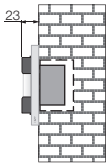
problematical
There should be no sources of interference, e.g. lamps, heaters or fans in the detection field:
Select suitable installation location and/or use push-on cover.



Problems with sources of interference with the BLC controller can generally be solved with the teachable digital BLC controller comfort.
The BLC controllers have no forced switch-off, i.e. constant motion in the detection area results in continuous light. The Controller Berker Control 220° surface-mounted and the controller system have an integrated forced switch-off after 90 min. at the latest.

Extension units
When using BLC controllers with BLC extension units for motion detector, overlapping of the detection areas should be ensured, so that detection can be guaranteed.





Dimensions
Very low assembling height in comparison

BLC controller 2.2 m [order no. 1788 ..] and BLC IR controller comfort 2.2 m [order no. 1789 ..]

If thermal motions triggered by persons, animals or objects are registered in the detection area, the BLC motion detectors switch on connected consumers (passive infrared principle). If motions are no longer detected, they switch off again automatically after the delay time expires.
The BLC controllers are operated together with a BLC switching or dimming insert.

The detection area can be extended in combination with the BLC motion detector extension [order no. 2908].

Product features

- Crawl-under protection
- Digital signal processing
- Teach function for response brightness
- Delay time limit: 90 min
- Brightness threshold value can be stored safe after power failure
- Switch-on brightness with BLC inserts are storable via BLC extension unit [2907]
- Switch on by using push-buttons (NO contact), passive BLC extension units or push-buttons (NC contact) in the cable
- Motion-dependent, brightness-dependent and time-delayed switching of ventilators, heating systems etc. when using BLC relay switch inserts HLK [2912]

Additional product features BLC IR-controller comfort 2.2 m [order no. 1789 ..]

- 2 push-buttons for permanent ON, permanent OFF and automatic
- 2 LEDs for detection, IR receipt and IR confirmation
- With hand-held transmitter for BLC IR controller [2770] additional functions such as selective deactivation to limit detection angle or storable switch-on brightness, possible
- Adaptive sensitivity adjustment
- For use with dimming inserts: Dimming function (Soft Off)
- Step operation with immunity time (e.g. for bell)
- Night light function: without motion the load is dimmed to 20 %
- Presence simulation and test mode

Teach function

For wiring diagram see page **T15**.

The current ambient brightness is stored as brightness threshold value with the teach function.

- Cover the BLC controller 2.2 m completely within 9 seconds 3 x 1s each time.

The lighting is switched on for approx. 1s*. Teach function is active.

- Leave the detection area of the controller for approx. 30 s.

The ambient brightness is measured by the device. The lighting is then switched on for approx. 3 seconds.* The brightness threshold value is stored.

*Switched on lighting is switched off.

Hand-held transmitter for BLC IR controller [order no. 2770]

The IR hand-held transmitter is required for the individual configuration of the BLC IR controller 2.2 m comfort in order to perform remote settings and to use additional functions of the device.



Fig. 1: Overview of function keys

Control overview

Button	Function
Permanent On[2] or dim brighter	
ON	Short press of push-button: Load is switched on constantly. Long press of push-button: Load is dimmed up brighter[1]. Display on the motion detector: yellow LED lights up Not adjustable in step operation.
Automatic mode[2]	
AUTO	Load is switched on brightness-dependent when motion is detected. If no motion is detected anymore, the motion detector switches off the load after the delay time expires. Delay time limit: 90 min AUTO push-button switches the following functions **off**: - On for 2 hours - Off for 2 hours - Permanent On - Permanent Off - Presence simulation - Test mode Date is recorded continuously in automatic mode (chronological sequence of switch-on and switch-off operations) for the presence simulation.
Permanent Off[2] or dimming darker	
OFF	Short press of push-button: The load is switched off permanently (with dimmer inserts after dimming phase expires). Long press of push-button: Load is dimmed darker[1]. Display on the motion detector: red LED lights up
On for 2 hours	
2H ON	Load is switched on for 2 h. After 2 hours have expired, the load stays on for the duration of the delay time (4 min) and the automatic mode is activated. Not adjustable in step operation.
Off for 2 hours	
2H OFF	Load is switched off for 2 h. The automatic mode is activated after 2 h have expired.
Presence simulation	
	Press push-button longer than 10 s: Presence simulation is switched on. Load is switched by means of the data recorded in automatic mode. Not adjustable in pulse mode.
Switching on for delay time and saving switch-on brightness[1]	
MEM	Short press of push-button: The load is switched on brightness and motion-independent for the set delay time. Press push-button for 3 s: the set brightness is saved as switch-on brightness. The load is switched on and switched off again to confirm.
Sensitivity	
25 % 50 % 75 % 100 %	Faulty switching operations can be minimised by adjusting the sensitivity in predefined levels. Press push-button for longer than 10 s: Sensitivity level is switched on. Sensitivity levels: 25 %, 50 %, 75 %, 100 %
Teach function	
TEACH	The motion detector is in automatic mode. Short press of push-button: current ambient brightness is stored as brightness level. In the event of movements, only one switching operation is triggered if the saved brightness threshold value is fallen short of within the measurement environment. **Teach function active:** - Switched on load is switched off. - Switched off load is switched on for approx. 1 s. **Brightness measured and saved:** - The load is switched on for the duration of the delay time. Value range: approx. 1 ... 200/∞ lx (daytime operation) The saved brightness threshold value is active after a max of 3 min.

[1] Function is only possible in connection with dimmer inserts.
[2] Operation is also possible using the push-button on the motion detector.

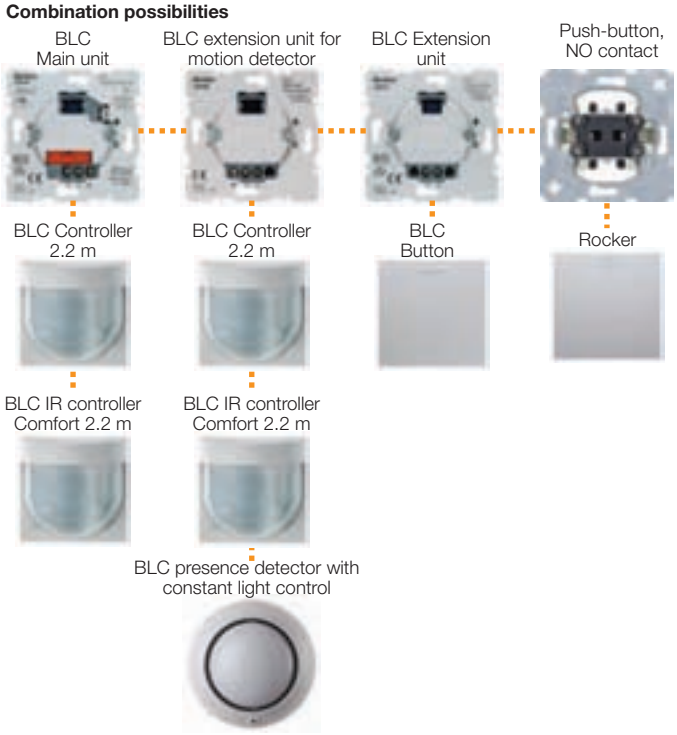
Button	Function
Detection area	
PIR PIR PIR	Press push-button longer than 10 s: Selective limit of the detection area. - Right sensor switched off 30° - Left sensor switched off 30° - Both sensors active It is not possible to switch off both sensors at once. Owing to the overlapping of both detection areas no sharp separation of the masked areas is possible.
Brightness threshold value	
	Short press of push-button: Brightness level is activated. Preset brightness threshold value of the push-buttons: - approx. 1 lx (night operation) - approx 10 lx (twilight) - approx. 150 lx (hallways) - > 250 lx (daytime operation) If the set brightness level is exceeded, the motion detector does not switch on the load despite a detected motion. Brightness threshold value is active after a max of 3 min.
Fixed delay time	
30SEK 2MIN 5MIN 30MIN	During motion detection, the insert switches on the load for the selected delay time. Each time a new motion is detected, the delay time starts once again. Short press of push-button: delay time is activated. Preset delay times: 30 s, 2 min, 5 min, 30 min.
Step operation	
1SEK	Press push-button longer than 10 s: Step operation is activated. No delay time setting is possible.
Individual delay time	
START STOP	Adjustable delay time within a range of 10 s ... 60 min. ■ Button **Press START** for a short time. The time measurement starts. ■ Press **STOP button** for a short time. The time measurement is finished. The set delay time is saved automatically. The motion detector is in automatic mode. The step operation is not possible.
Dimming phase[1]	
	Short press of push-button: Dimming phase is activated/deactivated. The delay time is increased by approx. 30 s.
Night light function[1]	
ECO	Press push-button longer than 10 s: Night light function, e.g. realisation of emergency lighting is activated. The load is switched on permanently at a basic brightness of 20 %. If a motion is detected, the load is switched to 100 % and is dimmed to 20 % again after the delay time expires. If function is active **Off for 2 hours** or **Permanent Off**, the light is switched off.
Adjustment for outside area	
	Press push-button longer than 10 s: optimised motion detection for outside area is activated. Display on the motion detector: red LED flashes during motion detection.
Test mode	
TEST	Short press of push-button: Test mode for testing the detection area is activated. The motion detector works with the following values: - Sensitivity: 100 % - Delay time: 1 s - Brightness threshold value: daytime operation - Detection area: 180° The motion detector changes to automatic mode after 5 minutes.

Button	Function
End Default settings/Special functions	
RESET	Short press of push-button: Special functions are deactivated. Press push-button longer than 10 s: The default settings of controller are loaded. By pressing the RESET push-button the following **special functions** are deactivated: - Presence simulation - Night light function - Switch-off warning - Adjustment for outside area - Delay time for step operation **Reset to Defaults:** - Sensitivity 100 % - Detection angle 180° - Brightness threshold value 10 lx - Delay time 30 s - Place of use indoor area - Night light function switched off - Presence simulation switched off

[1] Function is only possible in connection with dimmer inserts.
[2] Operation is also possible using the push-button on the motion detector.

Assembly and electrical connection

Combination possibilities



Specifications	BLC controller 2.2 m Order no. 1788 ..	BLC IR-controller comfort 2.2 m Order no. 1789 ..
Detection angle	180°	180°
Range for crossing	approx. 12 x 6 m	approx. 12 x 6 m
Range for approaching	approx. 8 x 4 m	approx. 8 x 4 m
Detection area limitation	-	Sensor deactivation
Recommended installation height	1.1 or 2.2 m	1.1 or 2.2 m
Response sensitivity	100 %	4 levels/can be taught approx. 25/50/75/100 %
Response brightness	approx. 10 lx/can be taught	4 levels/can be taught approx. 1/10/150/250 lx
Delay time	2 min (fixed)	10 s ... 60 min
Pulse duration/pause	-	approx. 0.3 s/2.7 s
Lockout time	approx. 0.3 ... 4 s	approx. 0.3 ... 4 s
Device push-buttons	-	Off/Auto/On
Radio interference suppression	acc. to EN 55015	acc. to EN 55015
Operating temperature	-15 ... +45 °C	-15 ... +45 °C
Protection class	IP20	IP20
VDE symbol	•	•
Microprocessor	•	•
Fuse	via insert	via insert

For more data please refer to the technical specifications of the insert used.

BLC presensence detector with constant light regulation

Function:
The BLC presence detector with constant light control responds to heat motions caused by persons, animals or objects. It can be used for switching and dimming of the lighting in offices and common areas. The presence detector switches the lighting on when it detects motion and the brightness is below the set level. The presence detector switches the lighting off if it is no longer needed, i.e. when it is bright enough even without lighting or when there is no longer anyone present. It is also able to evaluate small motions (fine motor functions), such as those that typically occur in offices. It is mounted exclusively on ceilings, and monitors the area located below it, for example. The lighting is switched or dimmed, depending on the BLC insert used. The presence detector switches the lighting on only for as long as it is needed. To expand the detection field, the presence detector can be combined with a BLC controller extension unit insert and connected to the main device.

Combination with a BLC insert
The lighting is always switched on to maximum brightness. The lighting is switched off when one of the following cases applies:
· No more motion is detected and the set delay time has elapsed
· The brightness exceeds for at least 10 minutes (e.g. due to more daylight) twice the set value. The fact that the brightness is exceeded is indicated by flashing of the LED. The lighting is also switched off when there is motion.

Combination with a BLC dimmer insert
The presence detector first switches the lighting on to maximal brightness. After that it dims the lighting so that the brightness is held constant at the setpoint that has been set (constant light control). As daylight increases, the lighting is dimmed or switched off. As daylight decreases, the lighting is switched on or dimmed up. The constant light control is designed so that the user notices it as little as possible. The lighting is switched off when one of the following cases applies:
· The presence detector detects no more motion and the set delay time has elapsed. The lighting is then dimmed to minimum brightness in at most one minute. After an additional five minutes without detection the lighting is switched off.
· The presence detector has adjusted the lighting to the lowest dimming setting. Never- theless the brightness exceeds 1.5 times the setpoint. After a waiting period of 10 minutes the lighting is switched off regardless of motion.

Extension unit operation
For manual operation of the presence detector, a BLC extension unit (passive extension unit) is required in combination with a BLC button or a mechanical push-button (NO contact).
Notes:
· When a BLC switch insert is used, no distinction is made between a short press and a long press.
· With a mechanical push-button, no distinction is made between a short press and a long press. This means that dimming and changing of the temporary brightness setpoint is not possible.
· Extension unit operation is only possible if there is a cover fitted on the main device.
· Illuminated push-buttons must be supplied with power via a separate neutral conductor.

Short press (less than 400 ms)

Control surface	Load off	Load on
Top, Bottom, Full surface or mech. push-button	The lighting is switched on to max. brightness. The delay time corresponds to the value set on the potentiometer, but is at least 2 minutes. Detected motions extend the delay time to the time set on the potentiometer.	Lighting is switched off for 3 minutes. For more information, see slide show-function

Information regarding dimmer inserts
· After switching-on, constant light control is performed.
· If the lighting was switched off via the extension unit, switching-on can be performed only via the extension unit to the last brightness value

Slide show function
With a BLC extension unit or a mechanical push-button (NOCs) it is possible to switch the lighting off selectively. If the presence detector detects motion in the next 3 minutes, then the switch-off time is extended. Only after 3 minutes go by without motion being detected is the slide show function ended automatically. If motion is detected now, the lighting may be switched on again, depending on the brightness situation. If you wish to end the slide show function manually, switch the lighting on again manually at the extension unit (for dimmer inserts the brightness before switching-off will be set).

Temporary deactivation of the lighting control
If the presence detector switched the lighting off due to sufficient extraneous light (e.g. daylight), then you can switch the lighting control off manually. To do this, switch the lighting on again at the extension unit within 1 minute after it is switched off automatically.
The lighting now remains switched on as long as the presence detector detects motion. The lighting is only switched off if the presence detector does not detect any more motion and the delay time has elapsed. The lighting control is now active again.

Long press (longer than 400 ms) only for BLC dimmer inserts

Control surface	Load off	Load on
Top or Full surface	The lighting is switched on to minimum brightness, held for 1 s and then dimmed up to maximum brightness.	Increase (dim up) the brightness to maximum brightness.
Bottom	The lighting is switched on to minimum brightness. See short press.	Reduce (dim down) the brightness to minimum brightness.
Mechanical push-button		See short press.

Notes:
· Each press re-starts the set delay time, but for at least 2 minutes.
· Each detected motion re-starts the delay time set on the potentiometer.
· In presence detector mode the dimmed brightness value is temporarily adopted as the brightness setpoint, as long as the lighting remains switched on. If the dimmer insert's own volatile brightness memory is changed, then a BLC button must be used temporarily for saving on the dimmer insert.
· In controller operation the lamps retain the dimmed brightness as long as the lighting remains switched on.

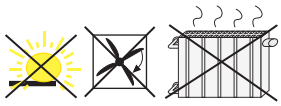
BLC presence detector in combination with BLC extension units for motion detector.
The area to be evaluated is expanded. Using up to 10 (5 with main device BLC universal touch dimmer (R, L, C) BLC extension units for motion detector it is possible to evaluate even large areas. If a motion is detected by an extension unit, this is reported to the main device, and the connected load is switched on if the brightness is below the threshold value on the main device.

⚠ Connection in parallel of BLC presence detectors with constant light control is not permitted. To expand the detection field, use BLC extension units for motion detector.

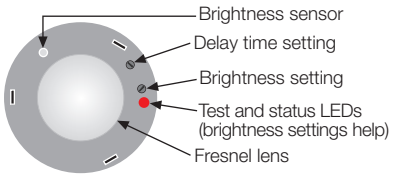
Installation location
· Ceiling mounting in indoor areas.
· The detection area should not be limited by furniture, pillars, etc.
· Vibration-free installation, because movements of the detector can also trigger a switching operation

⚠ During installation, do not subject the sensor window of the presence detector to direct sunlight; this could destroy the sensor.

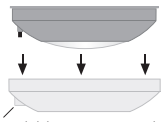
Sources of interference
Do not install in the direct vicinity of a heat source. Cooling light bulbs and air movements from, for example, fans, heaters and open windows may be detected and lead to switching-on again. If necessary limit detection area using supplied push-on cover. The detection area should not be limited by furniture, pillars, etc.



Settings
The cover can be removed in order to adjust the delay time (operating mode) and brightness threshold value. This makes optimal adjustment possible without detaching the cover.

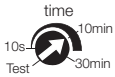






⚠ Mount brightness sensor on the side away from windows to avoid the effects of scattered light.

Delay time
The potentiometer "time" can be used to set the delay time; a change of operating mode is indicated by flashing of the LED.
Step operation: approx. 1 sec. on setting "Test"
Presence mode: approx. 10 min. to 30 min.



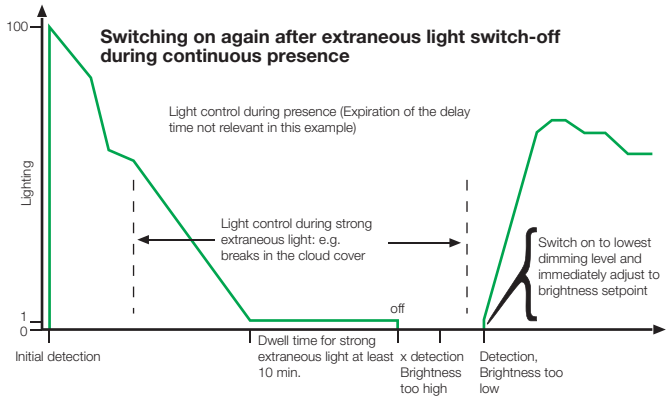
Brightness threshold value
Minimum brightness in the area being monitored. When the brightness drops below this value, the presence detector switches the lighting on when a motion is detected. When a dimmer insert is used, in presence detector mode the minimum brightness is simultaneously used as the setpoint at which the brightness is held constant. When set to marking 0 the automatic initial detection is deactivated, switching on is only possible manually via the extension units. For switch inserts the switch-off brightness (brightness setpoint) is approx. 400 lux here.

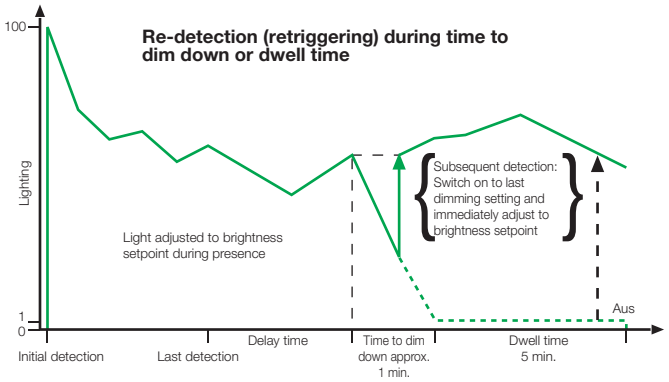


Technical data	BLC presence detector with constant light control order no. 170110
Power supply	via BLC insert
Connected load	depending on BLC insert
Power consumption	approx. 1 W
Delay time	approx. 1 sec.test operation; approx. 10 sec. - 30 min. presence detector operation;
Brightness threshold value	approx. 10-1000 lux/symbol "0" initial activation only via extension unit
Detection angle	360°
Detection levels	6
Number of zones	80
Number of switching segments	320
Detection area at desk level	approx. Ø 5 m
Detection area at floor level	approx. Ø 8 m
Installation height for nominal detection areas	2.5 m
Number of extension units	see BLC insert
Extension unit cable length	max. 100 m
Dimensions (Ø x H)	103 x 42 mm
Radio interference suppression	according to EN 55015
Operating temperature	0 to 45 °C

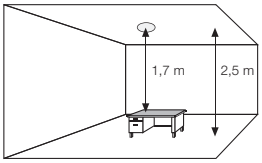
Test LED (brightness settings help)

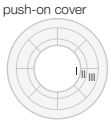
	Load off	Load on
LED off	Monitored area too dark: Load is switched on when motion is detected.	Monitored area too dark: Load remains switched on during motion. With no motion the switch is turned off after the set delay time.
LED on	Monitored area bright enough: Load remains off even when motion detected.	Monitored area light enough due to switched-on lighting. Load remains switched on during motion. With no motion the switch is turned off after the set delay time.
LED flashes	Monitored area bright enough: Load remains off even when motion detected.	Monitored area very bright with lighting and extraneous light: Load switches off after approx.10 minutes, because the brightness is sufficient even without lighting.



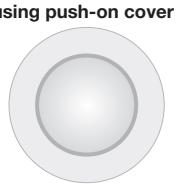


Limitation of the presence detector detection area using push-on cover

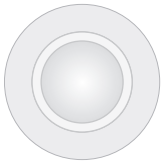




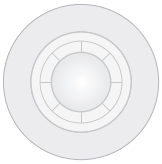
Detection field:



without push-on cover approx. Ï
Floor 8 m
Desk 5 m



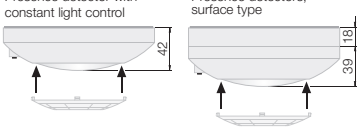
with push-on cover area II and III cut out approx. Ï
Floor 6 m
Desk 3.7 m



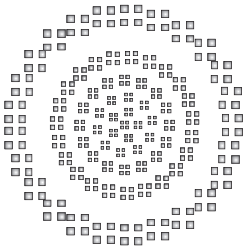
with push-on cover area II cut out approx. Ï
Floor 4 m
Desk 2.5 m

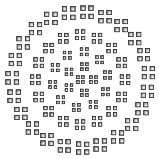


with push-on cover without cut out approx. Ï
Floor 2.2 m
Desk 1.4 m



Fastening of the push-on cover by snapping in

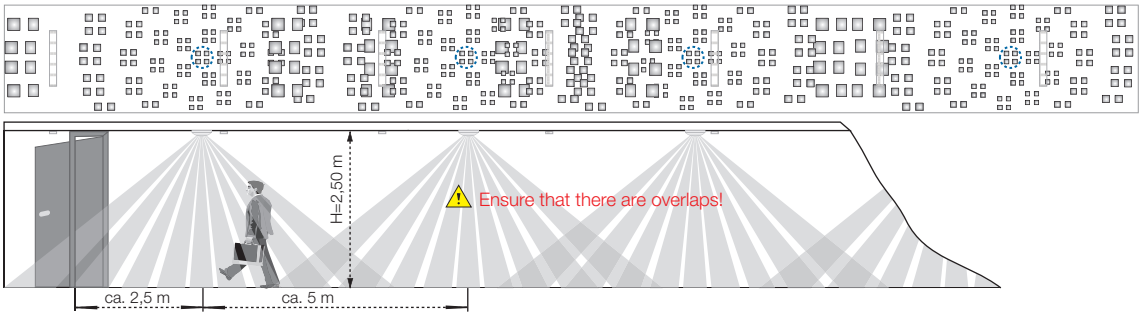








BLC ceiling controller 360° or presence detector surface-mounted in through areas



For automatic light switching,for example in through areas, BLC ceiling controllers 360° combined with BLC extension units for motion detector or presence detectors surface-mounted are to be connected in parallel. Because they are mounted on the sealing, controllers are not immediately accessible, which makes deliberate vandalism more difficult. To ensure switching in response to motion, a detection field diameter of approx. 10 (5) m should be planned. The distance to a door should not exceed 4 (2.5) m. ( ) = Presence detector surface-mounted
Area of application: schools, offices, public buildings, etc.

BLC ceiling controller 360°

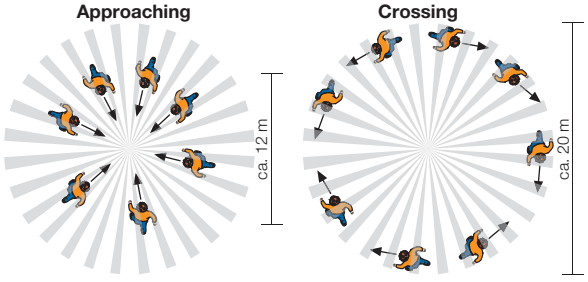
The BLC ceiling controller 360° is operated together with a BLC dimming or switch insert and mounted on the ceiling. The controller switches the lighting on and off depending on motion and the ambient brightness. The controller also detects heat motions of persons, animals or objects.

· Light is switched on: The brightness is below the set threshold and the someone enters the area being monitored.

· Light is switched off: No more motion is detected and the delay time has expired.

Detection area

The diameter of the detection area depends on the installation height and the direction of motion. For an installation height of 3 m the maximum diameter at the floor is approx. 12 m when approaching and approx. 20 m when crossing.



Technical data	BLC ceiling controller 360° order no. 170111
Power supply	via BLC insert
Connected load	depending on BLC insert
Power consumption	approx. 1 W
Delay time	approx. 1 sec. test operation; approx. 10 sec. - 30 min.
Response brightness	approx. 2 - 80 / ∞ lux
Response sensitivity	20 - 100 %
Detection angle	360°
Detection levels	5
Number of zones	78
Number of switching segments	312
Range for approaching	approx. Ø 12 m
Range for crossing	approx. Ø 20 m
Installation height for nominal ranges	3 m
Number of extension units	see BLC insert
Extension unit cable length	max. 100 m
Dimensions (Ø x H)	103 x 42 mm
Radio interference suppression	according to EN 55015
Operating temperature	5 to 35 °C

Additional features

- Extension of the detection field with BLC controller extension units
- Manual operation with BLC extension unit or button (NO contact)
- Daytime operation
- Test/step operation
- Saving the switch-on brightness via BLC extension unit with BLC dimmer inserts
- Dimming the light via BLC extension unit with BLC dimmer inserts
- Display LED

Presence detector surface-mounted

The presence detector surface-mounted is used to monitor presence in indoor areas. It is mounted exclusively on ceilings, and monitors the area located below it. It responds to heat motions caused by persons, animals or objects. It is also able to evaluate small motions (fine motor functions), such as those that typically occur in offices.
When a motion is detected and the brightness is below an adjustable brightness threshold, the load is switched on. The device remains switched on as long as further motions are detected. If no more motion is detected, then the load is switched of after the set delay time. If the brightness on the monitored surface continuously exceeds double the set brightness threshold value (but at least approx. 400 lux), for example due to brighter daylight, then the red diagnosis and settings help LED flashes and the presence detector switches off after 10 minutes at the latest, even if there is motion.
The presence detector surface-mounted can only be used for switching applications.

Extension unit operation

	Load off	Load on
Mechanical push-button	The lighting is switched on The delay time corresponds to the value set on the potentiometer, but at least 2 minutes Detected motions extend the delay time to the time set on the potentiometer.	Lighting is switched off for 3 minutes. For more information, see slide show function

Slide show function

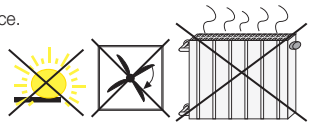
With a BLC extension unit or a mechanical push-button (NOCs) it is possible to switch the lighting off selectively. If the presence detector detects motion in the next 3 minutes, then the switch-off time is extended. Only after 3 minutes go by without motion being detected is the slide show function ended automatically. If motion is detected now, the lighting may be switched on again, depending on the brightness situation. If you wish to end the slide show function manually, switch the lighting on again manually at the extension unit (for dimmer inserts the brightness before switching-off will be set).

Temporary deactivation of the brightness evaluation

If the presence detector switched the lighting off due to sufficient extraneous light (e.g. daylight), then you can switch the brightness evaluation off manually. To do this, switch the lighting on again at the extension unit within 1 minute after it is switched off automatically.
The lighting now remains switched on as long as the presence detector detects motion. The lighting is only switched off if the presence detector does not detect any more motion and the delay time has elapsed. The brightness evaluation is now active again.

Sources of interference

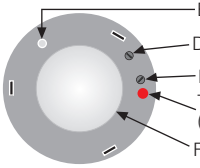
Do not install in the direct vicinity of a heat source.
Cooling light bulbs and air movements from fans, heaters and open windows can be detected and lead to switching on again.
If necessary limit detection area using supplied push-on cover

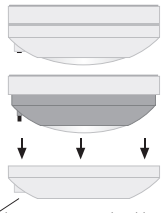


⚠ During installation, do not subject the presence detector to direct sunlight; this could destroy the detector.

Settings

The cover can be removed in order to adjust the delay time and brightness. Can be adjusted without dismantling.





⚠ Mount brightness sensor on the side away from windows to avoid the effects of scattered light.

Delay time

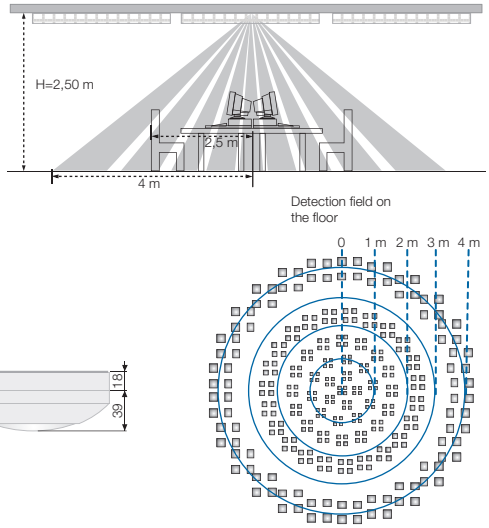
The potentiometer "time" can be used for fine adjustment of the on-time.
Test mode: approx. 1 sec. on setting "test"
Presence mode: approx. 10 sec. to approx. 30 min.

Brightness threshold value

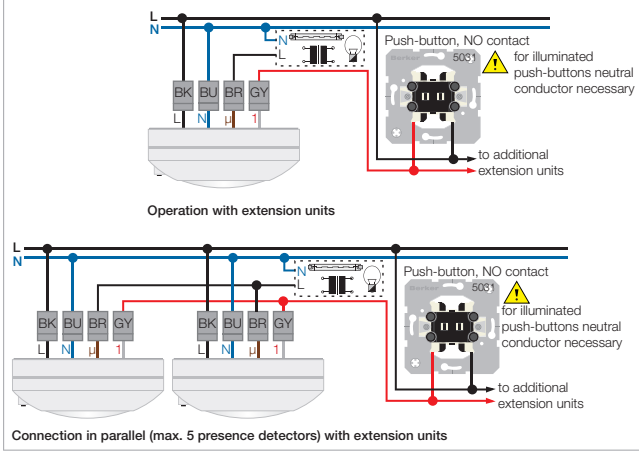
Minimum brightness in the area being monitored. When the brightness drops below the set brightness threshold value and there is motion, then the switch is turned on.
The potentiometer "lux" can be used to adjust the minimum brightness from approx.10 lux (symbol moon) to 1000 lux (symbol sun). When set to the marking 0 the presence detector can only be switched on via the extension unit. In this case the switch-off brightness is 400 lux.



Test LED (brightness settings help)	Load off	Last on
LED off	Monitored area too dark: Load is switched on when motion detected.	Monitored area too dark: Load remains switched on during motion. With no motion the switch is turned off after the set delay time.
LED on	Monitored area light enough: Load remains off even when motion detected.	Monitored area light enough due to switched-on lighting. Load remains switched on during motion. With no motion the switch is turned off after the set delay time.
LED flashes	Monitored area light enough: Load remains off even when motion detected.	Monitored area very bright with lighting and extraneous light: Load switches off after approx. 10 minutes, because the brightness is sufficient even without lighting.



Presence detector surface-mounted



Expansion of the detection area

Connection in parallel of presence detectors surface-mounted "intelligent load linking"
Note: All presence detectors connection in parallel surface-mounted must be operated in the same phase. Connection in parallel does not increase the max. connected load.
The built-in microprocessor, in connection with a voltage measurement on the load cable, ensures that all presence detectors connected in parallel surface-mounted detect when lighting is switched on. As long as a motion is detected by one of the presence detectors surface-mounted, the lighting remains switched on. The delay time is restarted every time a motion is detected in the respective presence detector surface-mounted.
The lighting is switched off when:
- none of the presence detectors is detecting movement and the last remaining on-time has expired.
- for all presence detectors the brightness in their monitored area is constantly exceeds at least twice the set value.

In this manner it is possible to set up a presence detector system with equal rights without mutual influence.

Technical data	**Presence detector surface-mounted order no. 170108**
Rated voltage	230 V~, 50/60 Hz
Connected load	1000 W incandescent lamps and 230 V halogen lamps, ohmic load 750 W 12 V halogen lamps with Tronic transformer, capacitive load 750 VA 12 V halogen lamps with conv. transformer, inductive load 500 W Fluorescent lamps uncomp. inductive load 1000 VA fluorescent lamps in duo configuration, inductive load Mixed load, capacitive and inductive loads should not be mixed
Power consumption	approx. 1 W
Delay time	approx. 1 sec. test mode; approx. 10 sec. - 30 min. presence detector mode
Brightness threshold value	approx. 10-1000 lux / symbol "0" initial activation only via extension unit
Detection angle	360°
Detection levels	6
Number of zones	80
Number of switching segments	320
Detection area at desk level	approx. Ø 5 m
Detection area at floor level	approx. Ø 8 m
Installation height for nominal detection areas	2.5 m
Number of extension units	Push-button NO contact unlimited
Extension unit cable length	max. 100 m
Connection in parallel	possible
Load cable length (with parallel connection cable)	max. 100 m
Dimensions (Ø x H)	103 x 57.5 mm
Radio interference suppression	acc. to EN 55015
Operating temperature	approx. 0 - 45 °C
Connecting terminals	Screw terminals for max. 2.5 mm² or 2 x 1.5 mm²

Technical data	BLC triac insert (R, L)	BLC tronic insert (R, C)	BLC relay insert	BLC relay insert HVAC	BLC insert for timer	BLC timer RMD for stairway light
Supply voltage	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50 Hz
Power consumption	1 W	1 W	1.2 W	1.5 W	0.5 W (2.5 mA)	-
Switching contact	Triac	MosFet	Relay	Relay	s. auto. stair light switch RMD	Relay, ED 100 %
Switching capacity				HVAC values, s. below*		
- Incandescent lamps	40-400 W	50-420 W	2300 W	1000 W	s. auto. stair light switch RMD	2300 W
- 230 V halogen lamps	40-400 W	50-420 W	2300 W	1000 W	-	2300 W
- Conventional transformers at 85 % load	40-400 VA	-	1000 VA	750 VA	-	1000 VA
- Tronic transformers	-	50-420 W	1500 W	750 W	s. auto. stair light switch RMD	1500 W
- Fluorescent lamps						
uncompensated	-	-	1200 VA	500 VA	-	1200 VA
parallel compensated	-	-	920 VA	-	-	920 W
Duo circuit	-	-	2300 VA	1000 VA	s. auto. stair light switch RMD	2300 W
- Fluorescent lamps with electronic ballast	-	-	-	-	-	700 W
Energy saving lamps	-	-	approx. 200 VA	-	s. auto. stair light switch RMD	approx. 200 VA
HVAC switching current	-	-	-	4 A	s. auto. stair light switch RMD	-
Maximum inrush current	-	-	15 A	15 A	s. auto. stair light switch RMD	15 A
Minimum load	40 W	50 W	100 mA	100 mA	s. auto. stair light switch RMD	100 mA
Slide switch	see cover	see cover	see cover	see cover	at auto. stair light switch RMD	Off/Auto/On
Radio interference suppression	to EN 55015	to EN 55015	to EN 55015	to EN 55015	to EN 55015	to EN 55015
VDE mark	•	•	•	•	•	•
Index of protection	see cover	see cover	see cover	see cover	see cover	IP20
Operating temp. (obs. the cond. on page T7)	-20 to 25 °C	-20 to 25 °C	-20 to 45 °C	5 to 35 °C	5 to 45 °C	5 to 50 °C
Delay time	see cover	see cover	see cover	see cover	s. auto. stair light switch RMD	10 sec. - 15 min.
Response brightness	see cover	see cover	see cover	see cover	approx. 0 to 80 / Lux	on BLC insert for timer
Response sensitivity	see cover	see cover	see cover	see cover	on BLC controller	on BLC controller
Recommended mounting height	1.1 or 2.2 m	1.1 or 2.2 m	1.1 or 2.2 m	1.1 or 2.2 m	1.1 or 2.2 m	-
Detection levels	see cover	see cover	see cover	see cover	see BLC controller	-
Detection area limit	see cover	see cover	see cover	see cover	on BLC controller	-
Range reduction	see cover	see cover	see cover	see cover	on BLC controller or comfort	-
Fuse	T 1.6 H 250 V	electronic	10 A circuit breaker	10 A circuit breaker	-	10 A circuit breaker
Order no.:	2905	2916	2906	2912	293410	16301

When connecting energy-saving bulbs and electronic ballasts (EVGs), consider the high inrush currents. Check suitability of equipment prior to use and fit inrush current limiters if necessary.
Observe the operating conditions on page T6.

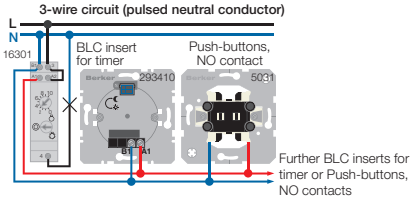
*HVAC channel for BLC relay switch insert 2912
Switching capacity of incandescent lamps: 800 W
Switching capacity of 230 V Halogen lamps: 750 W
Switching on delay: 3 min.
Switching off delay: approx. 2/10/30/60/120 min.

Technical data	BLC universal touch dimmer (R, L, C)	BLC toch dimmer (R, L)	BLC 1-10 V push-button control unit
Supply voltage	230 V~, 50/60 Hz		230 V~, 50/60 Hz
Power consumption	0.7 W	230 V~, 50/60 Hz	1.8 W
Switching contact	-	1.2 W	Relay
Switching capacity		-	
- Incandescent lamps	50–420 W		700 W
- 230 V halogen lamps	50–420 W	20–500 W	700 W
- Conventional transformers at 85 % load	50–420 VA	20–500 W	-
- Tronic transformers	50–420 W	20–500 VA	type-dependent**
- Fluorescent lamps		-	
uncompensated	-		-
parallel compensated	-	-	-
Duo circuit	-	-	-
- Fluorescent lamps with electronic ballast	-	-	type-dependent
Energy saving lamps	-	-	type-dependent
HVAC switching current	-	-	3,04 A
Maximum inrush current	-	-	15 A
Minimum load	50 W	-	-
Slide switch	see cover	20 W	see cover
Radio interference suppression	to EN 55015	see cover	to EN 55015
VDE mark	•	to EN 55015	•
Index of protection	see cover	•	see cover
Operating temp. (obs. the cond. on page T7)	-20 to 25°C	see cover	5 to 35°C
Delay time	see cover	-20 to 25°C	see cover
Response brightness	see cover	see cover	see cover
Response sensitivity	see cover	see cover	see cover
Recommended mounting height	1.1 or 2.2 m	see cover	1.1 or 2.2 m
Detection levels	see cover	1.1 or 2.2 m	see cover
Detection area limit	see cover	see cover	see cover
Range reduction	see cover	see cover	see cover
Fuse	electronic	see cover	10 A circuit breaker
Order no.:	2902	T 2 H 250 V	2903
		2904	** Tronic transformer with 1-10 V interface

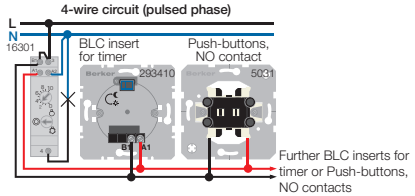
When connecting energy-saving bulbs and electronic ballasts (EVGs), consider the high inrush currents. Check suitability of equipment prior to use and fit inrush current limiters if necessary.
Observe the operating conditions on Page T6.

Stair light switching with BLC timer RMD for stairway light and BLC insert for timer

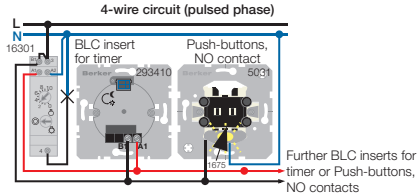
3-wire circuit (pulsed neutral conductor)



4-wire circuit (pulsed phase)



4-wire circuit (pulsed phase)



Control line length max. 100 m
Use only BLC controllers and presence detectors from release issue R3 onwards.
A slide switch of the BLC controller comfort has no function.
With BLC controller and BLC presence detector the delay time must be set to step operation.
When energy-saving lamps and electronic ballasts are connected note high switch-on currents. Check suitability of the devices before use and if necessary use making current limiter!

The BLC inserts for timer can only be used in conjunction with the BLC timer RMD for stairway light. BLC controller, BLC controller comfort, BLC presence detector or BLC button are required as covers.

The permitted number is shown in the following table:

BLC stair light trigger inserts	unilluminated push-buttons	illuminated push-buttons 0,4 mA	illuminated push-buttons 1 mA
16	any	-	-
12	any	25	10
10/8/6/4/2	any	37/50/62/75/87	15/20/25/30/35

Increasing the number of illuminated push-buttons
With the above circuit (4-wire circuit, pulsed phase), the terminal of the neon lamp unit is connected to the neutral conductor.
(Remove contact lug on neon lamp unit) As a result, this push station is to be classified in the table as an unilluminated push-button.
With a 3-wire circuit variation (pulsed neutral conductor), the neon lamp unit terminal must be connected to the phase.
(Remove contact lug on neon lamp unit) As a result, this push station is to be classified in the table as an unilluminated push-button.

Technical data	BLC controller extension unit	BLC controller 1.1/2.2 m	BLC controller comfort 1.1/2.2 m	BLC controller 2.2 m	BLC controller comfort 2.2 m	Controller system cover 1.1/2.2 m	Controller system insert
Supply voltage	230 V~, 50/60 Hz	via insert	via insert	via insert	via insert	via insert	15 V=
Power consumption	-	see insert	see insert	see insert	see insert	see insert	0.06 W
Switching contact	see main station	see insert	see insert	see insert	see insert	see master device	see power supply unit
Switching capacity							
- Incandescent lamps	-	see insert	see insert	see insert	see insert	see master device	see power supply unit
- 230 V halogen lamps	-	see insert	see insert	see insert	see insert	see master device	see power supply unit
- Conventional transformers at 85% load	-	see insert	see insert	see insert	see insert	see master device	see power supply unit
- Tronic transformers	-	see insert	see insert	see insert	see insert	see master device	see power supply unit
- Fluorescent lamps							
uncompensated	-	see insert	see insert	see insert	see insert	see master device	see power supply unit
parallel compensated	-	see insert	see insert	see insert	see insert	see master device	see power supply unit
Duo circuit	-	see insert	see insert	see insert	see insert	see master device	see power supply unit
- Fluorescent lamps with electronic ballast	-	-	-	-	-	-	-
Energy saving lamps	-	see insert	see insert	see insert	see insert	see master device	see power supply unit
HVAC switching current	-	see insert	see insert	see insert	see insert	-	-
Maximum inrush current	-	see insert	see insert	see insert	see insert	see master device	-
Double-throw switch	-	-	-	-	Off/Auto/On	see master device	-
Radio interference suppression	to EN 55015	to EN 55015	to EN 55015	to EN 55015	to EN 55015	to EN 55015	to EN 55015
VDE mark	•	•	•	•	•	•	•
Index of protection	see cover	IP20 / IP44	IP20 / IP44	IP20	IP20	IP44	see power supply unit
Operating temperature	-20 to 45 °C	-20 to 45 °C	-20 to 45 °C	-15 to 45 °C	-15 to 45 °C	5 to 45 °C	5 to 45 °C
Microprocessor	-	-	-	•	•	-	-
Delay time	via master unit	2 min. (fixed)	0,5/10 s - 30 min	2 min. (fixed)	0,3/10 s - 30 min	see master unit	see power supply unit
Response brightness	via master unit	approx. 0 to 80/Lux	approx. 0 to 80/ Lux	approx. 0 to 80/ Lux	approx. 0 to 80/ Lux	at master unit/insert	see power supply unit
Response sensitivity	see cover	approx. 20 to 100 %	approx. 20 to 100 %	100 %	approx. 20 to 100 %	approx. 20 to 100%	on system cover
Recommended mounting height	1.1 or 2.2 m	1.1 or 2.2 m	1.1 or 2.2 m	2.2 m	1.1 or 2.2 m	1.1 or 2.2 m	1.1 or 2.2 m
Detection levels	see cover	2 or 3	2 or 3	6	6	2	see system cover
Detection area limit	see cover	90° by cover	90° by cover	sensor cutoff	sensor cutoff	90° by cover	on system cover
Range reduction	see cover	potentiometer stepless 20 to 100%	potentiometer stepless 20 to 100%	-	25/50/75/100 % learnable	potentiometer stepless 20 to 100%	see system cover
Fuse	T 1.6 H 250 V	via insert	via insert	via insert	via insert	-	-
Order no.	2908	1783 .. / 1786 ..	1784 .. / 1787 ..	1788 ..	1789 ..	1715 .. / 1718 ..	2939

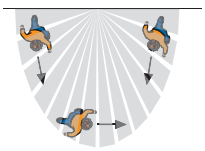
Further technical information at www.berker.com

BLC controller IP44 for mounting height 1.1 m
Direct sunlight penetrating the upward-facingdetection plane will result in failure of the movement controller. Only suitable for interior applications!

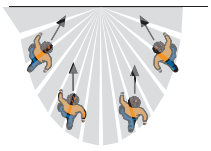
BLC controller IP44 for mounting height 2.2 m
Ensure no direct sunlight can fall on the upper detection plane. Also suitable for exterior applications!

Mounting instructions

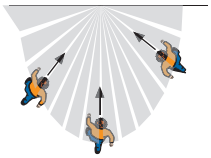
optimal
The detection beams are optimally cut.



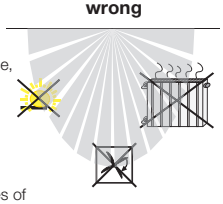
not optimal
The detection beams are not optimally cut. The range is reduced.



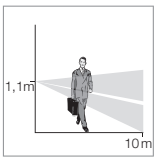
wrong
The detection beams are not cut. The controller detects the object too late.



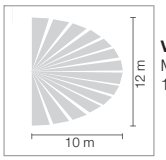
wrong
There should be no sources of interference, e.g. lamps, heaters or fans in the detection field: Select suitable installation location and/or use push-on cover. Problems with sources of interference can generally be solved with the teachable digital BLC controller comfort.



BLC controller 1.1 m

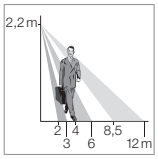


Side view
Detection area
Mounting height: 1.1 m.

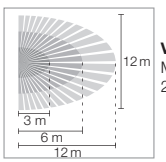


View from above
Mounting height: 1.1 m.

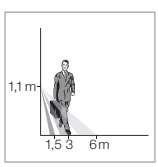
BLC controller 2,2 m



Side view
Mounting height: 2.2 m.

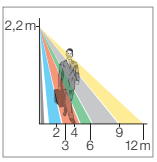


View from above
Mounting height: 2.2 m.

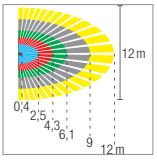


Side view
Mounting height: 1.1 m.

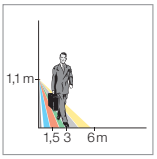
BLC controller 2.2 m



Side view
Mounting height: 2.2 m.

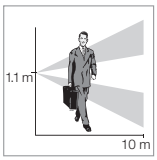


View from above
Mounting height: 2.2 m.

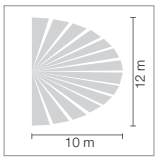


Side view
Mounting height: 1.1 m.

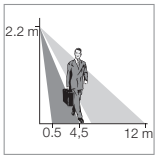
System cover 1.1 m



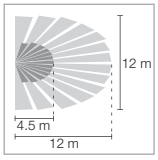
Side view
Mounting height: 1.1 m.



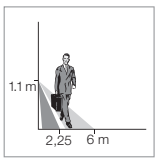
View from above
Mounting height: 1.1 m.



Side view
Mounting height: 2.2 m.



View from above
Mounting height: 2.2 m.

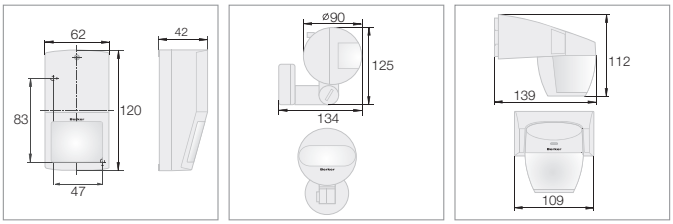


Side view
Mounting height: 1.1 m.

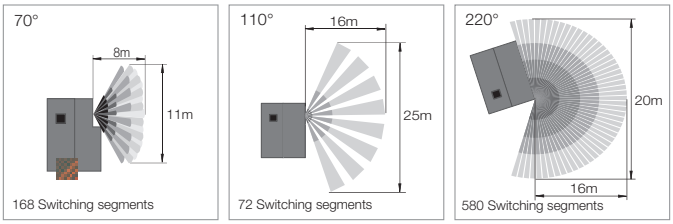
Technical data	Controller 70	Automatic controller plus 110	Berker control
Supply voltage	230 V~, 50/60 Hz	230 V~, 50 Hz	230 V~, 50/60 Hz
Power consumption	approx. 1.1 W	approx. 1.3 W	approx. 1.1 W
Switching contact	Relay	Relay	Relay
Switching capacity incandescent lamps	1000 W	2300 W	2300 W
230 V halogen lamps	1000 W	1000 W	2300 W
Tronic transformers	750 W	1200 W	1200 W
Conv. transformers at 85 % load	750 VA	1200 VA	1200 VA
Fluorescent lamps			
uncompensated	500 VA	1200 VA	1200 VA
parallel compensated	400 VA	920 VA	920 VA
Duo circuit	1000 VA	2300 VA	2300 VA
Fluorescent lamps with electronic ballast	see inrush current	see inrush current	see inrush current
Energy saving lamps	limiter T37	limiter T37	limiter T37
Maximum inrush current	15 A	20 A	20 A
RFI suppressed	to EN 55015	to EN 55015	to EN 55015
VDE mark	Yes	Yes	Yes
Index of protection	IP55	IP54	IP55
Operating temperature	-25 to 55 °C	-35 to 50 °C	-20 to 55 °C
Delay time	10 sec. to 5 min.	12 sec. to 12 min.	2 sec. to 30 min.
Bell pulse	No	No	Yes 0.5 sec.
Forced cut-out after 90 min.	-	-	Yes
Activation brightness approx.	3 to 80 / lx	5 to 300 / lx	1 to 1000 / lx
Response sensitivity	-	-	20 to 100%
Recommended mounting height	2.4 m	2.5 m	2.4 m
Close-up range approx.	0.5 to 4 m	0.5 to 1 m	0 to 3 m
Mid range approx.	4 to 6 m	1 to 5 m	3 to 7 m / 7 to 11 m
Remote range approx.	6 to 8 m	5 to 16 m	11 to 16 m
Crawl-under protection	-	-	-0.4 to 0
Detection area limit	3-stage	Mask and cover plates	Cover elements
Range reduction	adjustable sticker	by tilt	Tilt with reduction in sensitivity
System sensor cable	-	-	Yes
Number of system sensors	-	-	-
Improved approach response	Yes	-	Yes
Additional function due to push-button (NCC) in lead: push-button =	Press 1x = Delay time	Press 1x = Delay time	Press 1x = Delay time 2x=4hrs on, 3x=4hrs off, 4x=Test
Order no. (polar white)	1439909	10209	190

⚠ When connecting energy-saving bulbs and electronic ballasts (EVGs), consider the high inrush currents. Check suitability of equipment prior to use and fit inrush current limiters if necessary. Ensure that there are no interference sources, e.g. lamps or heaters, in the detection range.

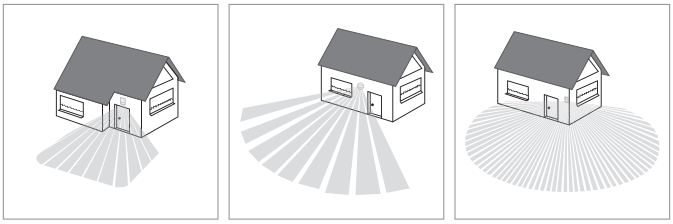
Dimensional drawing



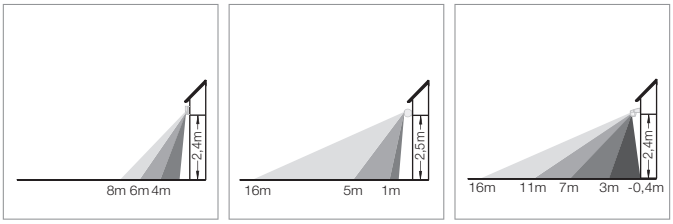
Top view of detection range



Side front view of detection range



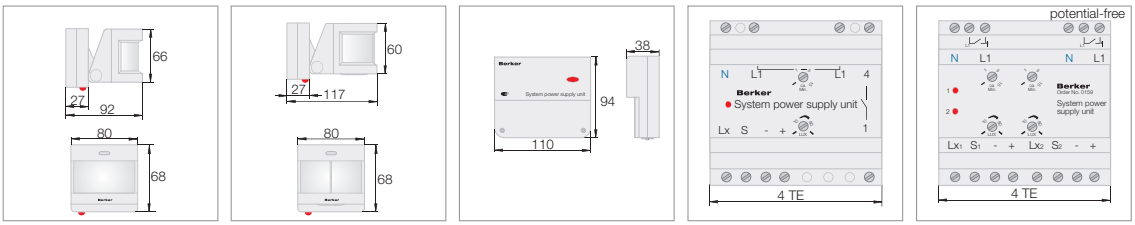
Ranges



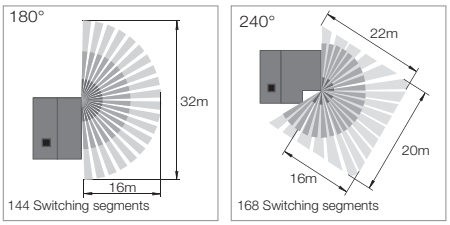
Technical data	System controller 180° surface-mounted	System controller 240° surface-mounted	System controller power unit surface-mounted	System controller power unit 1-channel RMD	System controller power unit 2-channel RMD
Supply voltage	15 V=	15 V=	230 V~, 50 Hz	230 V~, 50 Hz	230 V~, 50 Hz
Power consumption	approx. 0.06 W	approx. 0.06 W	approx. 1.1 W	approx. 1.1 W	approx. 1.1 W
Switching contact	see system power pack	see system power pack	Relay	Potential-free relay	2relays, 1x pot.-free (right)
Switch. capacity incandesc. lamps	see system power pack	see system power pack	2300 W	2300 W	2300 W
230 V halogen lamps	see system power pack	see system power pack	2300 W	2300 W	2300 W
Tronic transformers	see system power pack	see system power pack	1200 W	1200 W	1200 W
Conv. transformers at 85 % load	see system power pack	see system power pack	1200 VA	1200 VA	1200 VA
Fluorescent lamps					
uncompensated	see system power pack	see system power pack	1200 VA	1200 VA	1200 VA
parallel compensated	see system power pack	see system power pack	920 VA	920 VA	920 VA
Duo circuit	see system power pack	see system power pack	2300 VA	2300 VA	2300 VA
Fluoresc. lamps with elec. ballast	see system power pack	see system power pack	see inrush	see inrush	see inrush
Energy saving lamps	see system power pack	see system power pack	current limiter	current limiter	current limiter
Maximum inrush current	see system power pack	see system power pack	20 A	20 A	20 A
RFI suppressed	to EN 50015	to EN 50015	to EN 50015	to EN 50015	to EN 50015
VDE mark	Yes	Yes	Yes	Yes	Yes
Index of protection	IP55	IP55	IP55	IP20	IP20
Operating temperature	-25 to 55 °C	-25 to 55 °C	-25 to 55 °C	-25 to 55 °C	-25 to 55 °C
Delay time	see system power pack	see system power pack	4 sec. to 15 min.	4 sec. to 15 min.	4 sec. to 15 min.
Bell pulse	-	-	-	-	-
Forced cut-out > 90 min.	see system power pack	see system power pack	Yes	Yes	Yes
Activation brightness approx.	see system power pack	see system power pack	3…80 lx/daytime operation	3…80 lx/daytime operation	3…80 lx/daytime operation
Response sensitivity	-	20 to 100%	-	-	-
Recommended mounting height	2.4 m	2.4 m	-	-	-
Close-up range approx.	0.5 m to 3 m	0.1 m to 1 m	-	-	-
Mid range approx.	3 m to 9 m	1 m to 9 m	-	-	-
Remote range approx.	9 m to 16 m	9 m to 16 m	-	-	-
Crawl-under protection	-	Yes	-	-	-
Detection area limit	Hood	Hood	-	-	-
Range reduction	By tilting	Tilt with reduction in sensitivity	-	-	-
System sensor cable		J-Y(ST)Y 2 x 2 x 0.8 or YR 4 x 0.8			
Number of system sensors	-	-	max. 8	max. 8	max. 8 VA per channel
Improved approach response	-	-	-	-	-
Addit. function by push-button	-	-	1x press =	1x press =	1x press =
(NC) in lead: push-button =			Delay time	Delay time	Delay time
Order no. (polar white)	151 09	152 09	150 29	155	159

When connecting energy-saving bulbs and electronic ballasts (EVGs), consider the high inrush currents. Check suitability of equipment prior to use and fit inrush current limiters if necessary. Ensure that there are no interference sources, e.g. lamps or heaters, in the detection range.

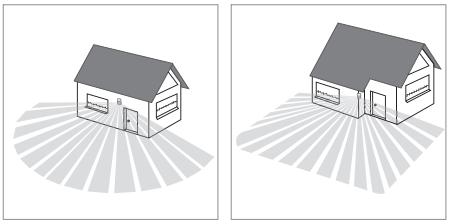
Dimensional drawing



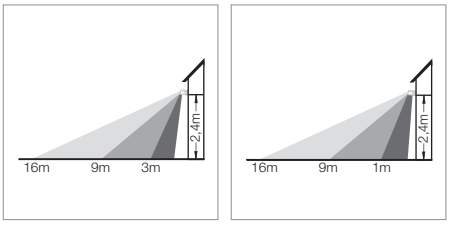
Top view of detection range



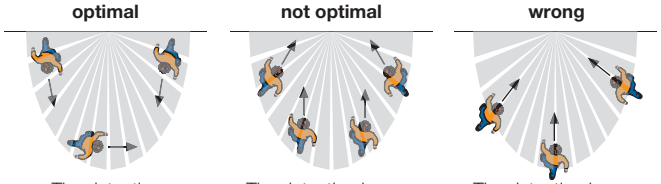
Side front view of detection range



Ranges



Controller mounting



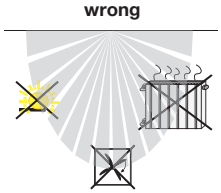
The detection beams are optimally cut.

The detection beams are not optimally cut. The range is reduced.

The detection beams are not cut. The controller detects the object too late.

wrong
There should be no sources of interference, e.g. lamps, heaters or fans in the detection field: Select suitable installation location resp. use push-on cover or the learning digital Controller Berker Control 220° surface-mounted.

Problems with sources of interference can generally be solved with the teachable digital Controller Berker Control 220° surface-mounted comfort.



Controller Berker Control 220° surface-mounted stands for:

- digital, microprocessor-controlled operation
- digital detection signal evaluation
- digital interference signal suppression
- response sensitivity adjustable
- 4 monitoring planes
- detection angle 220°
- crawl-under protection
- range 16 m
- 145 sectors with over 580 switching segments
- non-weather-dependent range consistency
- activation brightness from 1 Lux - daytime operation adjustable
- glare-proof (e.g. against torches)
- delay time 2 sec. - 30 min. adjustable
- short-time service 0.5 sec. with immunity time setting
- additional functions, controller operation/4 hrs. On/4 hrs. Off/Test
- with LED detection and mode indicator
- limit cut-out
- intelligent load linking
- for wall and ceiling installation
- cable entry from all sides
- vertical and horizontal tilting

Operating principle

The Controller Berker Control 220° surface-mounted responds to heat movement, such as that triggered by people or motor vehicles. The digital processing of movement signals in the integrated processor means interference is largely suppressed. It activates when consumers, such as lights, are detected. The unit remains on as long as movements are detected, otherwise the Controller Berker Control 220° surface-mounted switches off at the end of the preset delay time.
A short-time service of 0.5 sec. can additionally be set. This makes it possible to operate acoustic signal generators to monitor an entrance door (bell/gong) and lock it for a programmemable immunity time of 1 sec. - 10 min. until the next movement. The visual indicator signals the response of the unit.
With the adjustable twilight switch you activate the switching function only as from a desired activation brightness, or you programme daytime operation.

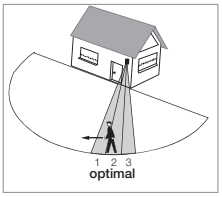
The optical alignment of the sensor head allows you to adapt the unit to specific on-site conditions. Any heat sources triggering unwanted activation can be suppressed by means of the adjustable sensitivity and the self-adhesive masking elements.

The Berker control offers a high degree of protection against ambient light. As the ambient brightness increases, the motion detection only ceases to be evaluated when the preset brightness value has been exceeded for at least 10 minutes.
This excludes the possibility of tampering, such as shining a torch on to the controller to prevent it from activating.

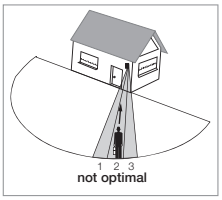
As the ambient brightness slowly decreases, motion detection is only evaluated when the brightness level has been below the preset activation brightness for at least 2 minutes. This prevents the controller from responding to merely short-time periods of sub-minimum brightness (such as due to a cloud).

Mount laterally across the direction of movement

If a person moves laterally across the Controller Berker Control 220° surface-mounted, switching segment 2 senses a negative jump in temperature (e.g. from 20 °C to 18 °C) and switching segment 1 senses a positive jump in temperature (e.g. from 18 °C to 20 °C). This means effective detection and stable ranging.

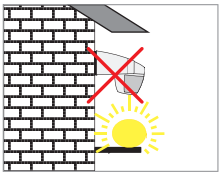


If a person moves directly towards the Controller Berker Control 220° surface-mounted the temperature remains virtually constant in switching segment 2. There may perhaps be no detection. The person must approach the Controller Berker Control 220° surface-mounted more closely to be 'detected'.

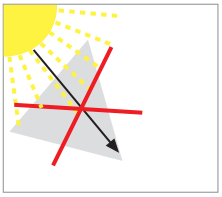


Mounting instructions

Do not mount the Controller Berker Control 220° surface-mounted directly above/next to a light. As the light cools it may be detected as a change of heat and lead to reactivation. If necessary, limit the detection range of the sensor with the masking elements supplied.



When mounting the Controller Berker Control 220° surface-mounted make sure the controller lens is not pointing towards the sun (sensor may be damaged). In a horizontal position the detection beams may point directly at the sun (see illustration). It is therefore advisable to protect the sensor head against exposure to direct sunlight prior to mounting it on the terminating outlet.

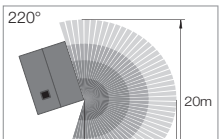


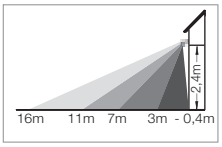
Detection field

The Controller Berker Control 220° surface-mounted has a very dense, horseshoe shaped detection angle of 220, comprising 4 planes with over 145 sectors and 580 switching segments, as well as additional crawl-under protection.
Extent of the detection field:
16 x 20 m see diagram
The 4 monitoring planes are defined as follows:

1st plane from	0 m to approx. 3.0 m
2nd plane from	approx. 3.0 m to approx. 7.0 m
3rd plane from	approx. 7.0 m to approx. 11 m
4th plane from	approx. 11 m to approx. 16 m
Crawl-under protection	approx. -0.4 m to 0 m

The ranges relate to the recommended mounting height of 2.4 m, sensor head aligned horizontally, direction of movement laterally across the Controller Berker Control 220° surface-mounted, sufficient temperature difference between moving body and surroundings on level ground.





The range is reduced by:

- rising ground
- inclined sensor head
- mounting height less than 2.4 m
- low temperature difference

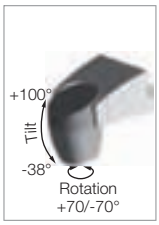
The range is increased by:

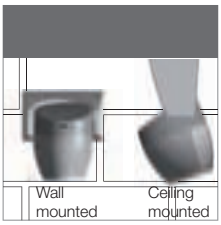
- falling ground
- sensor head pointing upwards
- mounting height more than 2.4 m
- high temperature difference

Mounting instructions

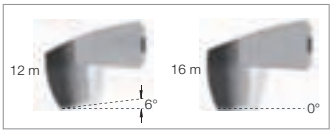
The flexible housing construction of the Controller Berker Control 220° surface-mounted makes it suitable both for wall and ceiling installation.

To adapt the detection angle to on-site conditions, the sensor head can be inclined and rotated.

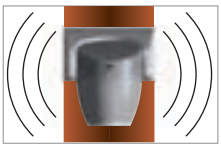




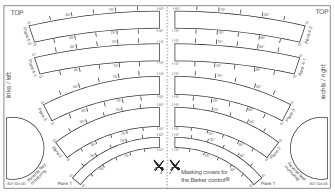
If the sensor head is aligned at about 6° tilt for example (the upper edge of the housing forming a continuous line with the bottom edge of the sensor), the range will be reduced to approx. 12 m.

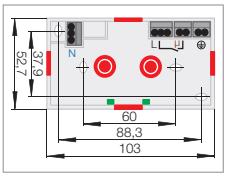


Mount the Controller Berker Control 220° surface-mounted free of vibration, because sensor movements, such as those caused by mounting on a tree, may also trigger the switch.



The masking elements supplied can be used to eliminate sources of interference by limiting the detection angle.
To do so, cut the masking elements as required to the size of the individual detection planes or to the desired angle. Then detach the masking elements from the backing sheet and affix them smoothly to the sensor window.

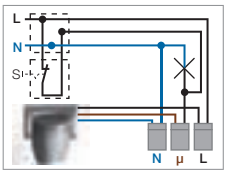




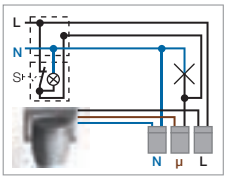
Terminating outlet
The terminating outlet of the Controller Berker Control 220° surface-mounted is fitted with 6 cable glands, for custom cable entries from above, below, left, right and rear.
Before installing the terminating outlet, open up the two condensate drains at the bottom (do not do this if installing in dusty rooms).



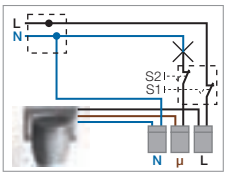
Electrical connections
Connections executed as plug-in terminals.
(BK) black: L (phase)
(BU) blue: N (neutral conductor)
(BR) brown: μ (relay, lamp cable)
Note: When using energy saving lamps, consider high inrush currents. If necessary use inrush current limiter order no. 185.



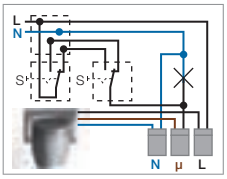
Controller operation/CONTINUOUSLY ON
The "S" switch allows changeovers between controller operation and CONTINUOUSLY ON.



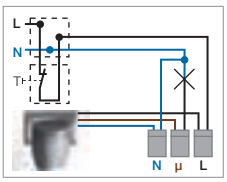
Controller operation (monitoring)/ CONTINUOUSLY ON
The "S" switch allows changeovers between controller operation and CONTINUOUSLY ON. When the Controller Berker Control 220° surface-mounted is switched on and CONTINUOUSLY ON is set, the neon lamp unit lights up.



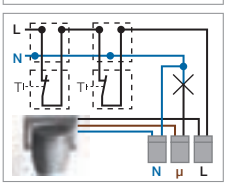
Switch off
Using "S1" or "S2" switch.
When switching back on, "S1" activates a switching operation of the Controller Berker Control 220° surface-mounted for the preset delay time. "S2" does not do this, as only the load is switched on or off.



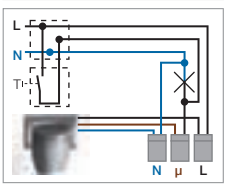
Controller operation/CONTINUOUSLY ON changeover switching
The "S" switch allows changing over between controller operation and CONTINUOUSLY ON.



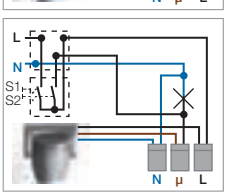
With push-button (NC)
Existing switches can be replaced by a push-button "T". Pressing the push-button once for min. 1 sec. activates a non-brightness-dependent switching operation for the preset delay time.
Pressing repeatedly = additional functions.



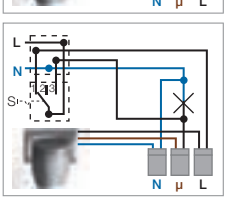
Changeover switching
Existing changeover switches can be replaced by push-button "T" (NO). Pressing the push-button once for min. 1 sec. activates a non-brightness-dependent switching operation for the set delay time.
Pressing repeatedly = additional functions.



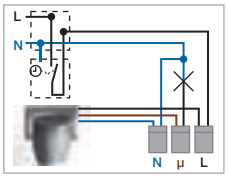
With push-button (NO)
Pressing push-button "T" (NO) once for min. 0.5 sec. activates a non-brightness-dependent switching operation for the preset delay time.



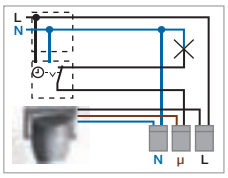
Auto/manual operation with series switch
S1 open, S2 open: all off.
S1 closed, S2 closed: CONTINUOUSLY ON
S1 closed S2 open: controller operation



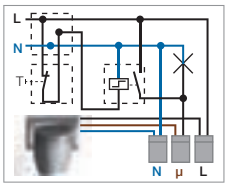
Auto manual mode with 3-step switch
1 Controller operation
2 All Off
3 CONTINUOUS ON



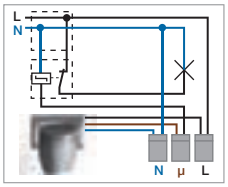
Switch-on by timer
Timer programmed switch-on of the controller.
For timer programmed switch-on of the Controller Berker Control 220° surface-mounted a non-brightness-dependent switching operation is executed for the preset delay time.



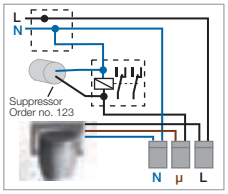
Switch-on by timer
Timer programmed activation and shutdown of the Controller Berker Control 220° surface-mounted.
No switching operation of the Controller Berker Control 220° surface-mounted is performed, because only the load is switched on or off.



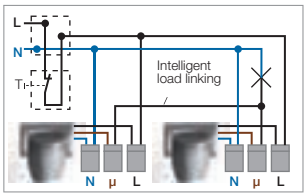
Parallel circuit with automatic staircase lighting switch or remote control switch
Lighting is switched by automatic units or Controller Berker Control 220° surface-mounted.



Operation of timer or flash relay
Extension of delay time or operation of a clock relay (e.g. for flash circuit).



Operation of a relay or contact maker
For potential-free NO and NC contacts and to increase switching capacity.



Connection of multiple Controller Berker Control 220° surface-mounted - "with intelligent load linking"
Caution: All parallel connected Controller Berker Control 220° surface-mounted must run on the same phase.
Parallel connection does not increase the max. connected load.
The built-in microprocessor in conjunction with a voltmeter on the load cable means that all parallel connected Controller Berker Control 220° surface-mounted detect the switching on of a light. As long as a movement is detected by a Controller Berker Control 220° surface-mounted, the lighting remains on. The delay time is restarted every time a movement is detected in the relevant Controller Berker Control 220° surface-mounted. It expires only when no more movement is detected. The delay time is determined by the Controller Berker Control 220° surface-mounted with the longest remaining time. This makes it possible to construct a controller system comprising units with equal rights, with no mutual interference.

Additional functions
The Controller Berker Control 220° surface-mounted permits 4 different operating modes, using push-button (NC)
in the lead cable:
Press 1x: non-brightness-dependent switch-on for the preset delay time, then brightness-dependent controller operation.
Press 2x: the Controller Berker Control 220° surface-mounted switches on for 4 hours, then brightness-dependent controller operation.
Press 3x: the Controller Berker Control 220° surface-mounted switches off for 4 hours, then brightness-dependent controller operation.
Press 4x: test mode: brightness evaluation is disabled. The Berker control unit switches on for approx. 3 seconds when a movement is detected.

Limit cut-out
Once the Controller Berker Control 220° surface-mounted has switched on, the brightness is no longer evaluated. To prevent the lighting from remaining on when there is continuous movement in the detection range (e.g. after dawn), the unit is fitted with a limit cut-out. The delay time (time in which the light remains on after no more movement is detected) is shortened depending on the overall on time.

On time	Delay time
Up to 60 min.	Set time
Up to 70 min.	4 minutes
Up to 75 min.	2 minutes
Up to 80 min.	1 min.
Up to 85 min.	30 sec.
Up to 90 min.	15 sec.
90 min.	cut-out

The Controller Berker Control 220° surface-mounted thus cuts out after 90 minutes at the latest, even if there is continuous movement in the detection field. It is switched back on if the brightness falls below the preset value and there is movement.

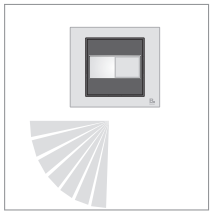
Operating principle
Controllers respond to heat movement in the infrared light band. It is in this range that the human body radiates heat. Lamps such as incandescent and halogen lamps etc. also emit considerable amounts of heat in this range too, however. As a result, the heat movement of people, animals or light sources can trip the controller, which then switches on consumers such as lighting. The unit remains on as long as movements are detected, otherwise the controller switches off at the end of the pre-set delay time. To prevent lights installed within the detection range tripping the controller, the controller response is delayed by 3 seconds.

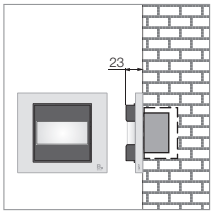
Important planning criteria for controller installation
The mounting height of the controller as set out in the tables should be complied with, as failure to do so will result in restricted range or excessive range.
At the recommended mounting height the detection height can be adjusted, depending on the controller, by means of tilting and locking and using the hoods, covers, masks and adhesive labels supplied, thereby avoiding unwanted switching. The ranges of the controllers/system controllers may vary due to the effects of weather conditions (fog, rain, snow). Where there is little temperature difference between the object being detected and the ambient temperature, range restrictions may occur.

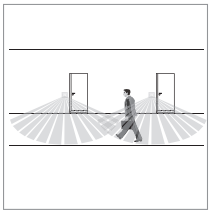
BLC controller 180

- BLC controller 1.1 m and 2.2 m
- BLC controller comfort 1.1 m and 2.2 m with slide switch for off/automatic/on
- System controller 180° and 240° surface-mounted

Limitation of detection range to only 90° with masking element or by different mounting height (for controller 2.2 m)







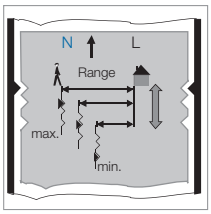
Extension units

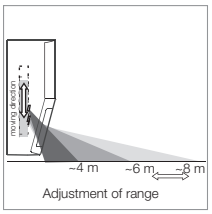
When using BLC controllers with BLC extension units for motion detector, a generous overlap between the detection ranges should be allowed in order to ensure detection.

Controller surface-mounted

Controller 70° surface-mounted
Limitation of detection range by locked settings for ranges 4, 6 or 8 m.

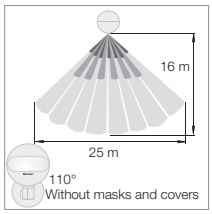


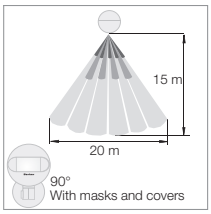


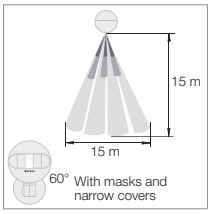


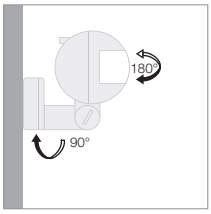
Automatic Controller Plus 110° surface-mounted

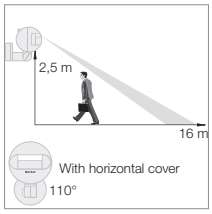
Limitation of detection range with masks and and covers, also by tilting and rotating.

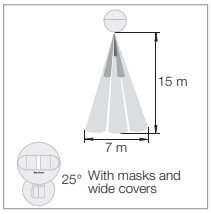


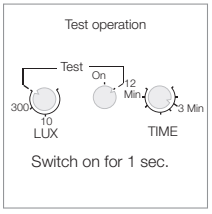


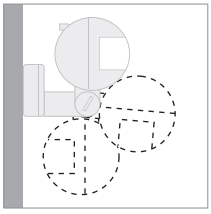






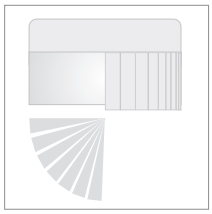


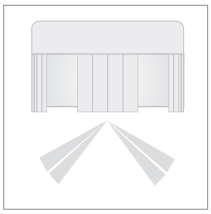


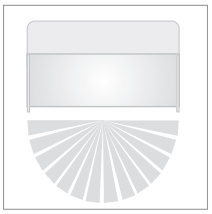


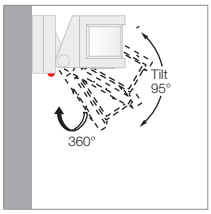
System controller 180° and 240° surface-mounted

Limitation of detection range as desired with hood, also by tilting and rotating.
If the System controller 240° surface-mounted is tilted, the detection angle should be reduced to 180°, otherwise excessive lateral range will occur.



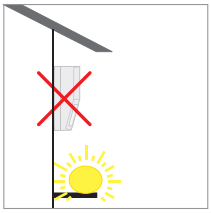






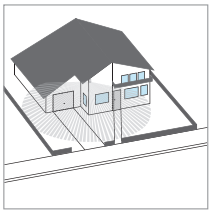
Lamps within the detection range

The lamp being switched must not be placed in the immediate vicinity of or underneath the controller, because the radiated heat can cause unwanted switching. There should be adequate distance between the light and the controller.



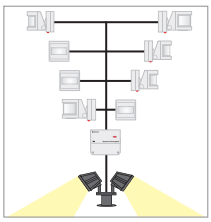
Optimum mounting location

For optimum detection and range for movement, Berker controllers should be installed laterally to the direction of walking. The controller's detection beams are then crossed laterally. When using multiple controllers and/or extension units, the detection ranges of the individual controllers should overlap, in order to ensure optimum monitoring. If the controller is placed such that the person being detected appro-aches the unit only frontally, range restriction is to be expected. For this a controller with enhanced approach response (controller 70° surface-mounted, Controller Berker Control 220° surface-mounted) should be configured.

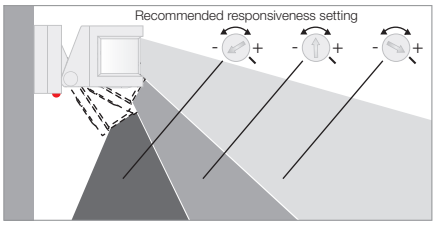


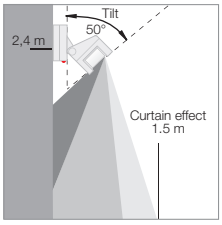
Detection for large areas

For detection in larger areas (squares, long corridors etc.) in which the detection angle of an individual controller is not sufficient, controllers with extension units, a controller system, networked Controllers Berker Control 220° surface-mounted or radio controllers should be deployed, with the detection ranges of the individual devices overlapping. Parallel connection of controllers is not advisable, because it may cause so-called reciprocal action (switching back on again after a short cut-out of approx. 3 sec).



Curtaining effect and range optimization
By tilting the controller downwards its range can be steplessly adjusted. Detection then occurs only in the close-up range. When using the controller system sensor 240, detection can be further optimized by reducing the sensitivity.

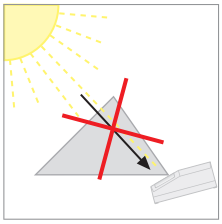




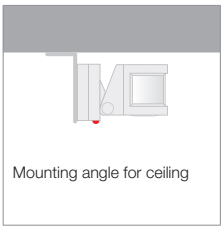
Installation location
The controller should be protected against direct rainfall, because rain drops on the lens may cause unwanted switching.
A special protective screen in front of the controller protects it against the effects of thermal influence.

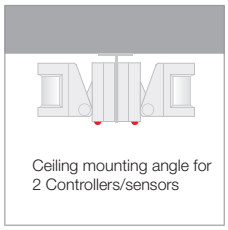


During installation
When installing the controller, it should be ensured that the lens is not exposed to direct sunlight (otherwise the sensor may be damaged). In a horizontal position the detection beams may point directly at the sun (see illustration). It is therefore advisable to keep the sensor head away from sunlight until it is mounted on the housing body.

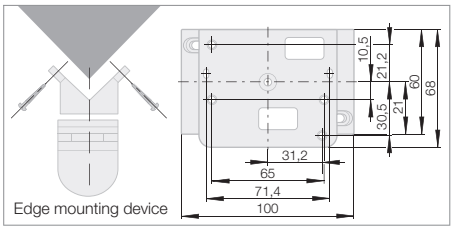


Accessories
Use of the mounting accessories allows the controllers to be fixed at difficult locations, such as on ceilings or masts, or in corners.


Mounting angle for ceiling


Ceiling mounting angle for 2 Controllers/sensors

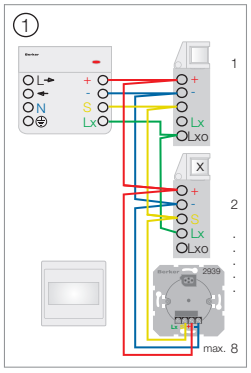

Mast fastening

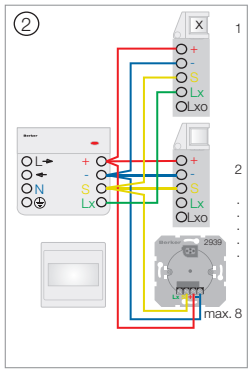


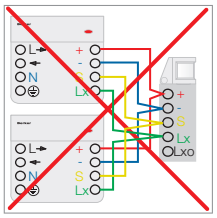
Controller system
The controller system can be used wherever multiple controllers are used to switch the same load. The controller system is installed as described below.

Connection:

Important!
Each controller system sensor has a brightness sensor, but only one brightness sensor may be connected within a system, i.e. the "Lx" terminal is assigned to only one controller system sensor. Only this controller system sensor measures the brightness and forwards this value to the controller system power section for evaluation.
In figures 1 and 2 the controller system sensor with the active brightness sensor is identified by an "X".

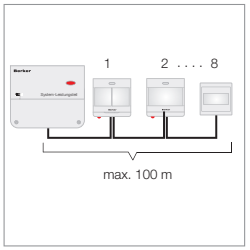


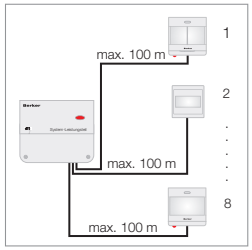




Connection of multiple controller system powerpacks to a single controller system sensor cable is not permissible, malfunctions will result. To increase the connected load use a contact maker.

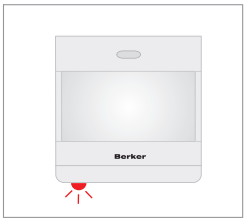
Cabling
Connection in parallel as per Figure 1 or in star configuration as per Figure 2. Mixed forms are also permissible.
Communication lines are recommended for connection of the controller system sensors, e.g. JY-ST-Y 2x2x0.8 or YR 4x0.8

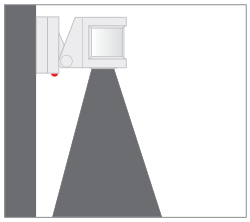




Connecting terminals:
+,- : Power supply 15V=.
S : Switch signal
Lx : Brightness signal
Lxo: Unconnected terminal, which can be used to loop-through the Lx signal.

Diagnosis LED
To enable the controller system to be tested accurately, the controller system sensors are fitted with a testing and diagnosis LED. This LED lights up in response to every movement, regardless of brightness.
This enables the functioning to be checked and the detection range adjusted without switching on the load.



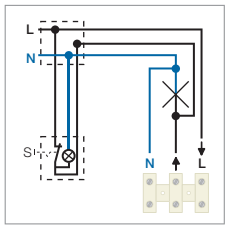


Crawl-under protection
The controller system sensor 240 has separate crawl-under protection. This means that movements underneath the controller system sensor are also detected, right up to the house wall. This results in an even higher degree of security.

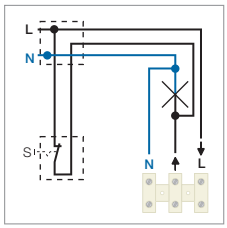
Limit switch-off
If the controller system power pack is switched on, the response brightness is no longer evaluated. However, so that even when there is constant motion in the detection area (e.g. after dawn) the lighting does not remain switched on unnecessarily, the controller system power pack is equipped with a limit switch-off.
The delay time (time in which the light still remains switched on after no more motion is detected) is automatically shortened depending on the entire on-time. The controller system power pack thus switches off (even if there is constant movement in the detection area of the controller system sensors), at the latest after 90 minutes. It switches on again when the brightness drops below the set response brightness and there is motion in the detection area.

total on-time	shortening of the delay time
up to 60 min.	setting
up to 70 min.	4 minutes
up to 75 min.	2 minutes
up to 80 min.	1 min.
up to 85 min.	30 sec.
up to 90 min.	15 sec.
90 min.	Switch-off

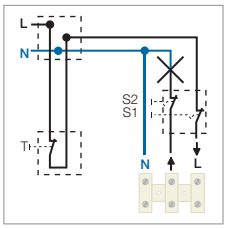
Connection diagrams
Controllers/System controller power unit 230 V
By combining controllers/controller systems with push-buttons or switches, different switching variants can be implemented.



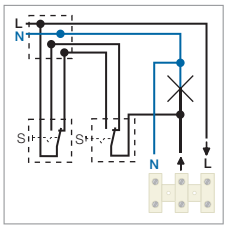
Controller (control) / CONTINUOUSLY ON
The "S" switch allows changing over between controller operation and CONTINUOUSLY ON.
When the controller is switched on and CONTINUOUSLY ON is set, the neon lamp unit is lit.



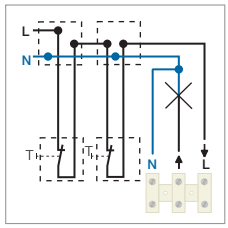
Controller / CONTINUOUSLY ON
The "S" switch allows changing over between controller operation and CONTINUOUSLY ON.



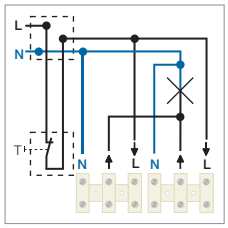
Switch off
Using "S1" or "S2" switch. When switching back on, "S1" activates a switching operation of the controller for the preset delay time.
"S2" does not, as only the load is switched on or off.



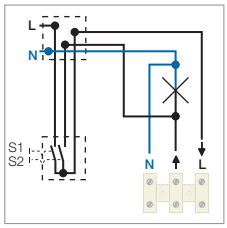
Controller / CONTINUOUSLY ON changeover switching
The "S" switch allows changing over between controller operation and CONTINUOUSLY ON.



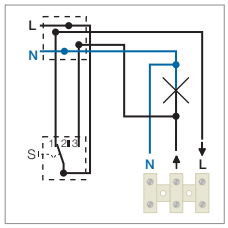
Changeover switching
Existing changeover switches can be replaced by push-button "T" (NCC). Pressing the "T" (NCC) push-button once for min. 1 sec. activates a non-brightness-dependent switching operation for the set delay time.



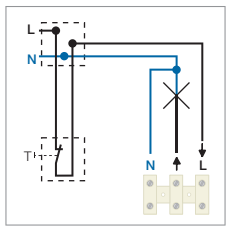
Multiple controllers / controller systems on one consumer
Pressing the push-button "T" NCC for min. 1 sec. activates a non-brightness-dependent switching operation for the set delay time.



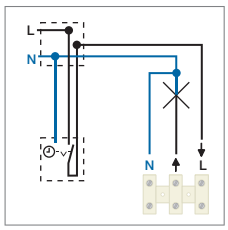
Auto/manual operation with series switch
S1 open, S2 open: all off.
S1 closed, S2 closed: CONTINUOUSLY ON
S1 closed S2 open: controller operation.



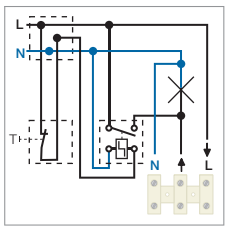
Auto manual mode with 3-step switch
1 Controller operation
2 All Off
3 CONTINUOUS ON



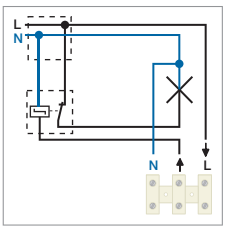
With push-button (NCC)
Pressing the "T" push-button NCC for min. 1 sec. activates a non-brightness-dependent switching operation for the preset delay time.



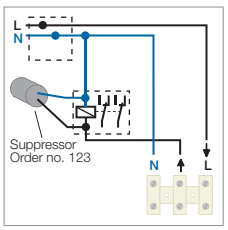
Switch-on by timer
Timer programmed switch-on of the controller.



Parallel circuit with automatic staircase lighting switch or remote control switch
Lighting is switched by automatic units or controller / controller system.



Operation of timer or flash relay
Extension of the delay time or operation of a clock relay (e.g. for flash circuit).



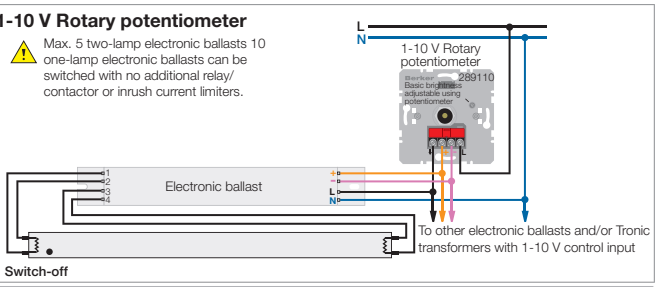
Operation of a relay or contact maker
For potential-free NOC and NC and to increase switching capacity.

1-10 V Control units

Increasingly in lighting engineering, electronic ballasts and Tronic transformers fitted with a 1-10 V interface are being deployed to operate lighting (such as fluorescent lamps, 12V halogen lamps). If multiple devices are connected using a single control wire with 1-10 V control inputs, the 1-10 V Rotary potentiometer can be used to adjust the brightness from a remote location. The push-button control unit 1-10 V built-in and the BLC can be used to adjust the lighting to individual needs from different points. In this way, extensive and complex light systems can be implemented.
The control units 1-10 V (1-10 V Rotary potentiometer, 1-10 V Push-button rotary potentiometer and 1 - 10 V Push-button control unit built-in) from Berker are used to switch the electronic ballast mains voltage on and off as well as for problem-free adjustment of the control voltage at the 1-10 V interface of the devices.
The 1-10 V Rotary potentiometer is covered by a centre plate with regulator knob and frame, in keeping with the familiar dimmer design.

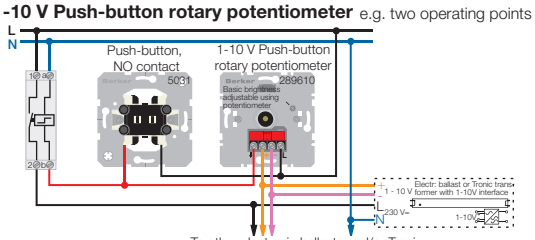
1-10 V Rotary potentiometer

Max. 5 two-lamp electronic ballasts 10 one-lamp electronic ballasts can be switched with no additional relay/ contactor or inrush current limiters.



Technical data	1-10 V Rotary potentiometer order no. 289110
Max. control voltage U_{ST} max.	12 V
Min. control voltage U_{ST} min.	0.7 W
Max. control current I_{ST}	50 mA
Max. switching capacity of mains switch	1380 VA or 6 A at 230/240 V~, 50/60 Hz
Fine-wire fuse	F 500 H 250
Operating temperature	5 to 35 °C
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

1-10 V Push-button rotary potentiometer e.g. two operating points



Technical data	1-10 V Push-button rotary potentiometer order no. 289610
Max. control voltage U_{ST} max.	12 V
Min. control voltage U_{ST} min.	0.7 W
Max. control current I_{ST}	50 mA
Max. switching capacity of mains switch	1380 VA or 6 A at 230/240 V~, 50/60 Hz
Fine-wire fuse	F 500 H 250
Operating temperature	5 to 35 °C
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

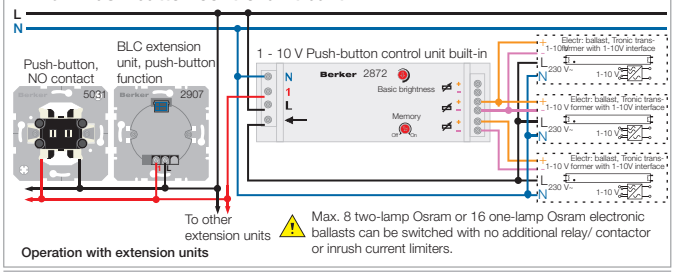
Example:
The total of electronic ballast control currents with the 1-10 V Rotary potentiometer may be max. 50 mA, and the sum total of electronic ballast load currents (consider the inrush current) may be max. 6 A. Follow the ballast and lighting manufacturers' specifications regarding the control and load currents (with inrush currents).

Typical: Osram electronic ballast 2 x 58 W, control current I_{ST} = 6 mA, Load current I_L = 0.55 A per electronic ballast. 83 electronic ballasts are connected
I_{ST} = 83 x 0.6 mA = approx. 50 mA; I_L = 83 x 0.55 A = 45,7 A

Result:
The control contact is fully loaded.
Since electronic ballasts have an electrolytic capacitor in their input circuit, high inrush currents are to be expected. If the permissible number of ballasts is exceeded (see table), a contactor must be used to switch them, or an inrush current limiter, order no. 185 must be connected in series upstream of the respective ballast.

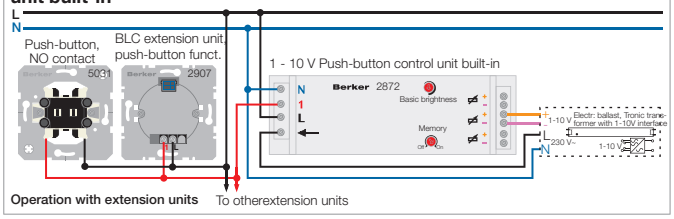
Maximum number of electronic ballasts that can be switched without additional fittings.
1-10 V Rotary potentiometer: 5 two-lamp or 10 one-lamp Osram electronic ballasts 15 two-lamp or 30 one-lamp electronic ballasts Insta 42 W, 13 Berker Tronic- transformer 20-105 W
1 - 10 V Push-button control unit built-in: 5 two-lamp or 10 one-lamp electronic ballasts Insta 42 W

1 - 10 V Push-button control unit built-in

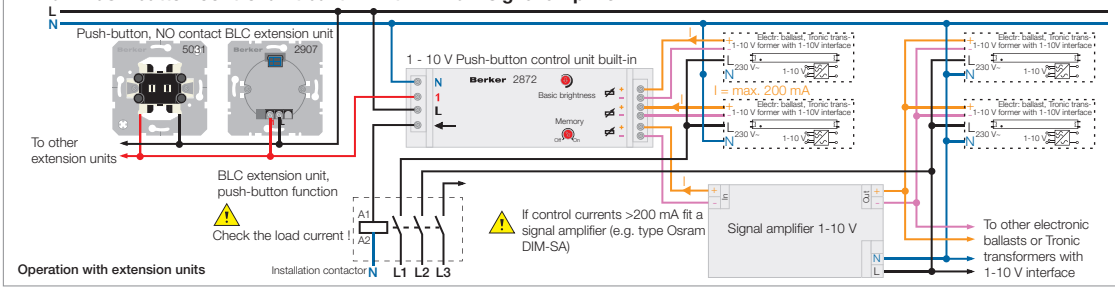


Technical data	1 - 10 V Push-button control unit built-in Order no. 2872
Nominal voltage	230 V~, 50/60 Hz
Control voltage	1 -10 V
Max. control current IST	200 mA
Switching contact	Relay
Ohmic load	2300 W
Electronic ballast, transformers	type-dependent
Short-circuit protection	via 10 A circuit breaker
No-load proof	Yes
Electrical isolation 1-10 V	2 kV base installation
Operating temperature	5 to 50 °C
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²
Dimensions (L x W x H)	175 x 42 x 18 mm

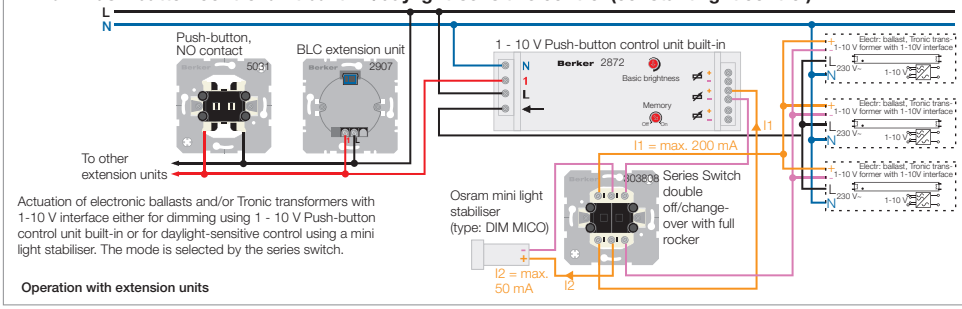
Tronic transformer with 1-10 V interface on 1 - 10 V Push-button control unit built-in



1 - 10 V Push-button control unit built-in with 1 - 10 V signal amplifier



1 - 10 V Push-button control unit built-in /daylight-sensitive control (constant light control)



Tronic transformer with 1-10 V interface

In complex modern lighting systems, lamps are increasingly being operated by way of electronic ballasts (German:"EVGs") fitted with a 1-10 V interface.
This permits convenient dimming even of high power outputs from one central point or from several distributed points. This 1-10 V interface is now offered with the Tronic transformer.
Up to 50 Tronic transformers with 1-10 V interface can be regulated on the control side with a 1-10 V Rotary potentiometer and up to 250 with the 1 - 10 V Push-button control unit built-in. This allows electronic ballasts to be combined with 1-10 V interfaces. When dimensioning a system, the control and load currents must be considered separately!

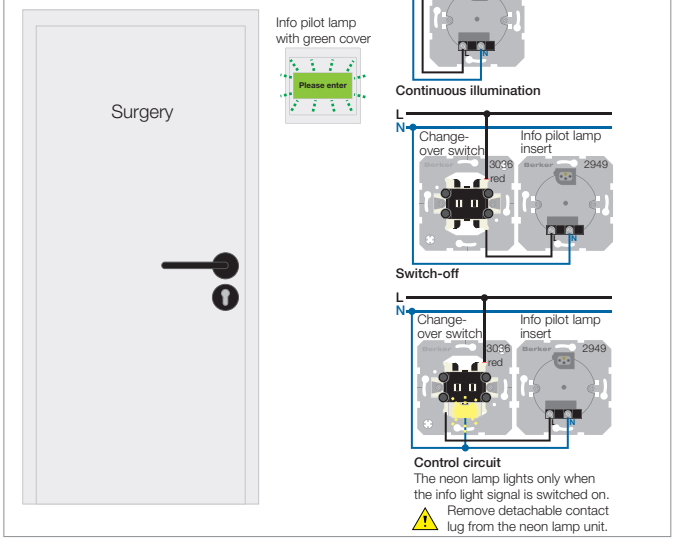
Technical data	
Nominal voltage	230 V~, 50 Hz
Primary rated current at full load	0.45 A
Power range	20-105 W
Power factor	0.96
Efficiency λ	95 %
Rated output voltage	11.8 V
Softstart	Bulb-preserving switch-on
Control current	approx. 0.8 mA
Operating temperature ta	max. 50 °C at maximum load

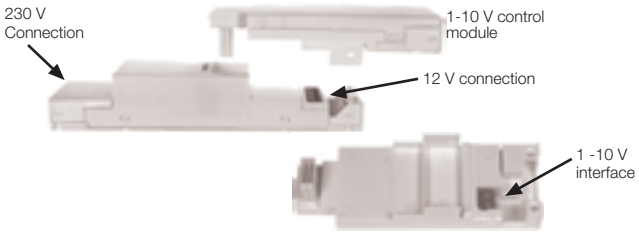
Info pilot lamp

The info pilot lamp is marked by uniform illumination and clear visibility (even from the side). The labelled sheet selected from the supplied range can optionally be placed above or below the factory-fitted milky cover, depending on whether the notice (or pictograph) is to be visible at all times or visible only when the light signal is on.By the use of a monitoring switch, the on state of the info pilot lamp can also be also indicated at a different location.

Application: e.g. in waiting rooms, outside of conference rooms doctors' surgeries, etc.

Info pilot lamp insert



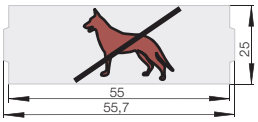


1 - 10 V Tronic transformer 105 W	Order no. 2977
Housing temperature tc	75 °C at maximum load
Secondary lead	max. 2 m long, min 1.5 mm²
Short-circuit protection	electronic, automatic restart
Overload/temp. protection	Automatic power reduction
Fire prevention	cut-out in case of fault
Open circuit	Protected
Dimmable	via 1-10 V interface
Protection class	II
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²

Self-production of text and graphical signs

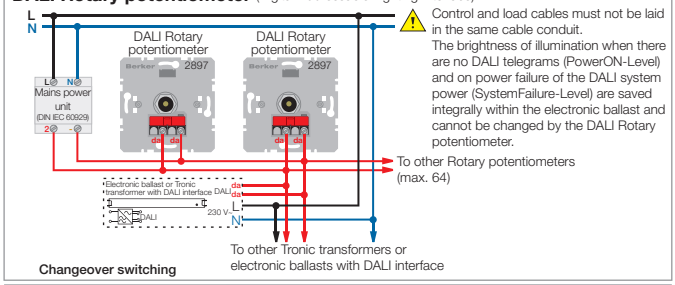
Using a computer and appropriate software, it is possible to produce your own text and/or graphical signs.They can be printed in colour or monochrome black using an inkjet or laser printer, on transparent projector sheets.

Cutting template



Technical data	Insert and info pilot lamp cover with 5 label sheets
Rated voltage	230 V~ , 50/60 Hz
Nominal current	approx. 25 mA
LED power	approx. 800 mW
Switching frequency	any
Service life	25,000 hours
Light colour	white
Operating temperature	10 to 30 °C
Index of protection	IP20
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²
Order no.: insert	2949
Order no.: cover	1345 ..

DALI Rotary potentiometer (Digital Addressable Lighting Interface)



Technical data	DALI Rotary potentiometer order no. 2897
DALI voltage (IEC 60929)	16 V= (9.5...22.5 V=)
Current input	less than 2 mA
DALI control line length max.	at 0,5 mm² 100 m at 0,75 mm² 100 to 150 m at 1,5 mm² over 150 m
Fine-wire fuse	F 500 H 250
Operating temperature	5 to 35 °C
Terminals	Screw-type terminals for max. 2 x 2.5 mm² or 1 x 4 mm²

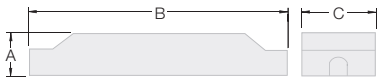
Tronic transformer for 12 V halogen lamps

- Bulb-preserving soft startup
- Very low noise
- Short circuit proof
- No fuse changing
- Automatic restart
- Overload and excess temperature-proof by power reduction
- Input and output electrically isolated
- Safety extra low voltage (SELV)
- Tronic dimmer, universal dimmer and Tronic transformer are specially co-ordinated for use together (no interference)
- Berker Igel also dimmable with Ldimmers (R, L)
- Flicker free
- Light weight
- Low loss
- Output voltage almost independent of load

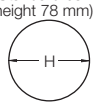
⚠ Do not use dimmers made by other manufacturers, as a risk of fire cannot be ruled out!

Installation dimensions, Tronic transformers

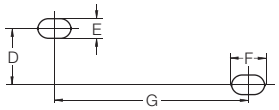
Housing dimensions in mm:



Min. ceiling opening (Standard ceiling height 78 mm)



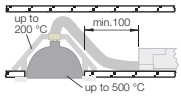
Fixing holes



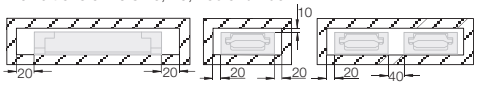
Type	Order no.	A	B	C	D	E	F	G	H
Tronic transformer 40 W	2915	18	73	35,5	-	3,4	3,4	67	40
Tronic transformer 105 W	2918	28	49	48	-	3,5	3,5	60	53
Tronic transformer 105 W	297401	18	175	42	32	4,5	8	148	54
Tronic transformer 35-105 W	2927	18	165	42	32	4,5	8	148	53
Tronic transformer Berker Igel 105 W built-in	2921	29	105	50	15	3,5	-	-	55
Tronic transformer 20-105W / 1-10V	2977	32	216	42	33	4,5	8	147	59
Tronic transformer 150 W	2976	38	176	42	32	4,5	8	148	60
Tronic transformer 200 W	2972	46	212	48,5	36	4,5	8	181,5	63
Tronic touch dimmer built-in (R, C)	2943	46	212	48,5	36	4,5	8	181,5	63
Tronic booster built-in	2868	46	212	48,5	36	4,5	8	181,5	63
LV booster built-in (R, L)	2869	46	212	48,5	36	4,5	8	181,5	63

Installation configurations of Tronic transformers

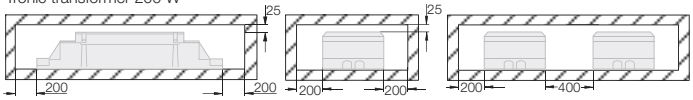
Distance of light from Tronic transformer



Tronic transformers 40, 70, 105 and 150 W



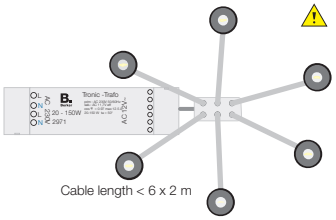
Tronic transformer 200 W



Secondary cable length

⚠ The maximum permissible secondary cable length is 2 m.

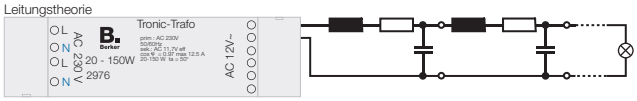
Reasons:
Compliance with DIN VDE EN 55015 (RFI suppression)
Faiure to comply with the specified cable length will result in malfunctions in appliances such as radios, mobile phones, etc..
Using the 6gang distributor splits the transmitted power across several branches and minimises it.



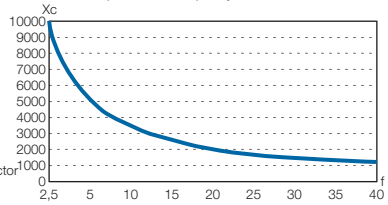
⚠ Star configuration distribution and equal cable lenghts should be ensured, in order to prevent differences in brightness.

■ **Voltage drop** on secondary cable at 40 kHz
Do not use single wires if possible!
Or twist pairs to reduce capacitance.

Leitungstheorie

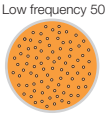


Reactance Xc dependent on frequency f



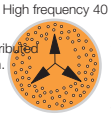
■ **Skineffect**

Low frequency 50 Hz



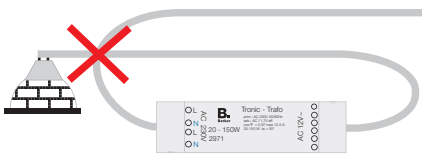
Electron flow evenly distributed over cable cross-section.

High frequency 40 kHz



Electrons move away from the centre of the conductor to the surface, the conductor cross-section is no longer fully utilised.
Consequence: increased resistance

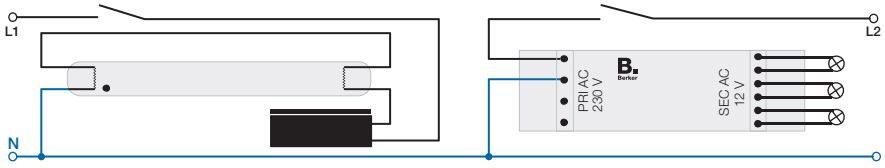
Tip: Choose a flexible cable!

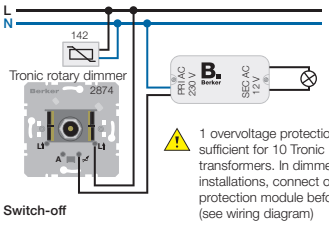


⚠ Do not allow primary and secondary cables to cross or to lie parallel to each other, otherwise the RFI suppression will not be active.
To avoid noise interfering with radios, mobile phones, etc..

Overvoltage protection module

⚠ Tronic transformers are spike proof up to 1500 V. To protect against higher overvoltages (occurring for example when fluorescent lamps, gas discharge lamps and under other inductive loads for are switched off), separate load circuits should be installed for Tronic transformers and those consumers. It is advisable to install an additional overvoltage protection in systems of this kind.





⚠ 1 overvoltage protection module is sufficient for 10 Tronic transformers. In dimmed installations, connect overvoltage protection module before dimmer (see wiring diagram)

Technical data	
Rated alternating voltage	230 V~, 50/60 Hz
Leakage current I_S (8/20)	4.5 kA (1x)
	1.0 kA (100x)

Overvoltage protection module	Order no. 142
Residual voltage I_S (1kA)	approx. 1000 V
Operating temperature	-25 to 80 °C
Connections	Flexible cable 1.5 mm² 200 mm long

Tronic transformer		10 - 40 W No.: 2915	20 - 70 W No.: 2918	20 - 105 W No.: 2921	20 - 105 W No.: 297401	35 - 105 W No.: 2927	20 - 105 W No.: 2977	20 - 150 W No.: 2976	50 - 200 W No.: 2972
Design	Cubic design	X	X	X	X	X	X	X	X
	Screw type terminals (X) = Primary side only			X	X	(X)	X	X	X
	Cable clamp			X	X	X	X	X	X
Rated power / Ambient temperature	10-40 W at ambient temp. 50 °C	X							
	20-60 W at ambient temp. 50 °C		X						
	20-70 W at ambient temp. 40 °C		X						
	20-70 W at ambient temp. 50 °C								
	20-105 W at ambient temp. 50 °C (45 °C)			(X)	X	X	X		
	20-150 W at ambient temp. 50 °C							X	
	50-200 W at ambient temp. 50 °C								X
Rated alternating voltage	230 V~(also 240 V~), 50/60 Hz [230 V~, 50 Hz and 230 V=]	X	X	(X)	(X)	X	50Hz	X	[X]
Effective output voltage	at 230 V~	11.8	11.7	11.3	11.8	11.8	11.8	11.7	11.5
Mains current	at 40 W, 0.18 A at 230 V~	X							
	at 70 W, 0.33 A at 230 V~		X						
	at 105 W, 0.49 A (0.45 A) at 230 V~			(X)	(X)	(X)	X		
	at 150 W, 0.71 A at 230 V~							X	
	at 200 W, 0.95 A at 230 V~								X
Power factor λ	0.96	X	X	X	X	X	X	X	X
Efficiency	95 %	X	X	92 %	X	X	X	X	X
Number of lights	5 W x	8	17	21	21	21	21	30	40
	10 W x	4	7	10	10	10	10	15	20
	20 W x	2	3	5	5	5	5	7	10
	35 W x	1	2	3	3	3	3	4	5
	50 W x		1	2	2	2	2	3	4
	75 W x			1	1	1	1	2	2
	100 W x			1	1	1	1	1	2
Housing	Fracture-proof, heat resistant	X	X	X	X	X	X	X	X
	unpotted, repairable	X	X	X	X	X	X	X	X
Housing temperature	at 40 W max. 85 °C	X							
	at 60 W max. 75 °C		X						
	at 70 W max. 90 °C		X						
	at 105 W max. 75 °C (80 °C) [100 °C]			(X)	(X)	(X)	[X]		
	at 150 W max. 75 °C							X	
	at 200 W max. 65 °C								X
Weight	approx. in grams	65	70	160	150	150	220	190	420
Fire / Cut-out	Input side in case of fault	X	X	X	X	X	X	X	X
Short-circuit-proof	Electronic cut-out	X	X	X	X	X	X	X	X
Restart	Automatic after elimination of fault	X	X	X	X	X	X	X	X
Overload and excess temperature-proof	by power reduction	X	X	X	X	X	X	X	X
Protective insulation	Protection class II	X	X	X	X	X	X	X	X
Safety	VDE 0860 (07 12/24)	X	X	X	X	X	X	X	X
Radio interference suppression	VDE 0875 part 2	X	X	X	X	X	X	X	X
Cable recommended H 05 VV-F 2 x ...	secondary: max. 2 m (1 m), min. 2 x mm²	0.75	0.75	1.5	(1.5)	1.5	1.5	(2.5)	2.5
Open circuit	Protected	X	X	X	X	X	X	X	X
Spike protection	to VDE 0712 part 25	X	X	X	X	X	X	X	X
Bulb-preserving soft start	No current spikes	X	X	X	X	X	X	X	X
Test mark		X	X	X	X	X		X	X
		X	X	X	X	X		X	X
Suitable for installation in furniture			X	X	X	X		X	X
Dimmable phase cut-off	With Tronic and universal dimmers	X	X	*	X	X		X	X
Dimmable phase cut-on	With LV dimmers			*					

*** The Berker Igel can be dimmed with the following dimmers**

Designation	Order No.:	Release version	Production date (from week / year)	Details
Rotary dimmer (R, L)	2873			Igel Minimum load 50 W
Tronic rotary dimmer (R, L)	2874			
Universal rotary dimmer (R, L, C)	286110, 283410, 283411		22 02	
BLC push-button dimmer (R, L)	2904	≥ R2		Igel Minimum load 50 W
BLC universal touch dimmer (R, L, C)	2902	≥ R2		
Universal series touch dimmer (R, L, C)	2901			
Universal touch dimmer RMD (R, L, C)	16701			
Universal booster Plus (RMD)	1659901			
Tronic touch dimmer built-in (R, C)	2943			
Corded dimmer (R, L)	2744..			Igel Minimum load 50 W
Radio universal dim actuator flush-mounted	94550200			
Radio universal dim actuator for connector	1781009			
Radio universal corded dim actuator	128			
Radio universal dim actuator built-in	181			
Radio universal dim actuator RMD	94550100			
Univ. dim actuator flush-mounted	75341003			
Univ. dim actuator 1gang RMD	75311007		22 02	
Univ. dim actuator 2gang RMD	75312007		22 02	
Univ. dim actuator 4gang RMD	75314017			

Equipment data		Kitchen [a)b)]	Kitchenette [b)]	Bathroom	Toilet	House workroom [b)]	Living room [a)] < 20 m²	Living room [a)] > 20 m²	Dining room	per bedroom, children's room, guest room, study office [b)] < 20 m²	per bedroom, children's room, guest room, study office [b)] > 20 m²	Hallway < 3 m	Hallway > 3 m	Seating area	Storage room	Hobby room	Cellar, floor and garage belong to home	Cellar/passageway, each 6 m in length	Connections for special operating devices with their own circuit	Distribution circuit	Building communication
★ and DIN 18015 Part 2	Socket outlets general	5	3	2[e)]	1	3	4	5	3	4	5	1	1	1	1	3	1	1	Electric cooker, microwave, dishwasher, washing machine [f)], tumble dryer, ironing station, water heater [d)], heating appliance [d)]	In multi-room homes at least four-row distribution circuits and in single-room homes three-row distribution circuits.	Bell or gong, door opener and intercom system
	Lighting connections	2	1	2	1	1	2	3	1	1	2	1	2[g)]	1	1	1	1	1			
	Telephone/data connection						1		1	1		1									
	Socket outlets for telephone/data						1		1	1		1									
	Radio/TV/data connection	1					2		2	1											
	Socket outlets for radio/TV/data	3					6		3	3											
	Socket outlets for refrigerating appliance	2	1																		
	Socket outlet fume extractor	1																			
	Connection for ventilator [c)]			1	1																
	Roller shutter drives	Connections according to the number of drives																			
	Automaton circuits for socket outlets and lighting	Living space of the home m²: < 50										Number of circuits: 3									
		50 ... 75										4									
		75 ... 100										5									
		100 ... 125										6									
		> 125										7									
★★	Socket outlets general	10	4	4[e)]	2	8	8	11	5	8	11	2	3	2	2	6	2	1	Electric cooker, oven, steam cooker, microwave, dishwasher, washing machine [f)], tumble dryer, ironing station, water heater [d)], sauna heating unit, whirlpool, heating appliance [d)]	Bell or gong, door opener and intercom system with several home call stations	
	Lighting connections	3	2	3	1	2	2	3	1	2	3	2	2[g)]	2	1	2	1	1			
	Telephone/data connection	1				1	1	2	1	1	2	1		1		1					
	Socket outlets for telephone/data	2				2	2	4	2	2	4	2		2		2					
	Radio/TV/data connection	1				1	2	3	1	1				1		1					
	Socket outlets for radio/TV/data	3				3	6	9	3	3				3		3					
	Socket outlets for refrigerating appliance	2	1																		
	Socket outlet fume extractor	1																			
	Connection for ventilator [c)]			1	1																
	Roller shutter drives	Connections according to the number of drives																			
	Automation circuits	1		1		1	1	2	1	1	2			1		1	1				
★★★	Socket outlets general	12	4	5[e)]	2	10	10	13	7	10	13	3	4	3	2	8	2	1	Electric cooker, oven, steam cooker, microwave, dishwasher, washing machine [f)], tumble dryer, ironing station, water heater [d)], sauna heating unit, whirlpool, heating appliance [d)]	Bell or gong, door opener and intercom system with several home call stations, danger detection systems	
	Lighting connections	3	2	3	2	3	3	4	2	3	4	2	2[g)]	2	1	2	1	1			
	Telephone/data connection	1		1		1	1	2	1	1	2	1		1		1					
	Socket outlets for telephone/data	2		2		2	2	4	2	2	4	2		2		2					
	Radio/TV/data connection	1		1		1	2	3	1	2				1		1					
	Socket outlets for radio/TV/data	3		3		3	6	9	3	6				3		3					
	Socket outlets for refrigerating appliance	2	1																		
	Socket outlet fume extractor	1																			
	Connection for ventilator [c)]			1	1																
	Roller shutter drives	Connections according to the number of drives																			
	Automation circuits	1		1		1	1	2	1	1	2	1		1		1	1				

[a)] In rooms with dining areas, the number of connections and socket outlets should each be increased by 1.

[b)] The socket outlets allocated to the bed areas and kitchen work areas, kitchenettes and house workrooms must be provided with double socket outlets at least. They only count as one socket outlet each in the table, though.

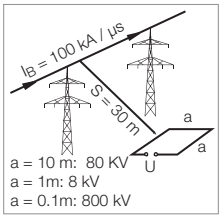
[c)] As long as an individual ventilation system is provided for. In the case of windowless bathrooms or toilets, the switching must be provided with follow up via the general lighting.

[d)] Unless the heating system/hot water supply takes place in another way.

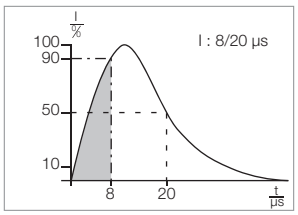
[e)] A socket outlet in combination with the washstand lighting is permissible.

[f)] Only required once in each home.

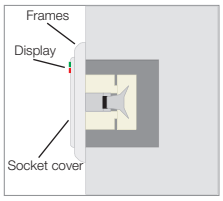
[g)] Switchable from two places at least.



Inductively or capacitively inserted overvoltages are discharged against neutral and ground conductors with the aid of thermally monitored varistors and gas arresters.
Temperature monitoring to DIN VDE 0845 Part 1

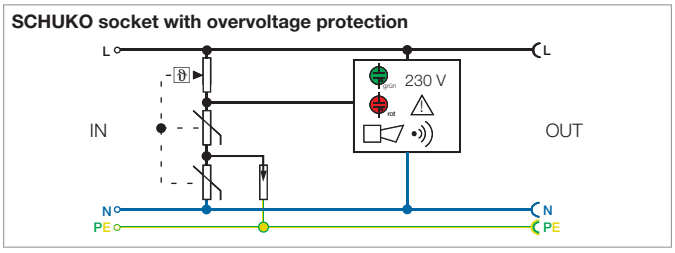


Current test curve 8/20 µs and voltage test curve 1.2/50 µs are used to test the overvoltage protection.



Its flat design means that the BERKER Schuko socket with overvoltage protection fits any appliance socket to DIN 49 073 Part 1:

SCHUKO socket with overvoltage protection



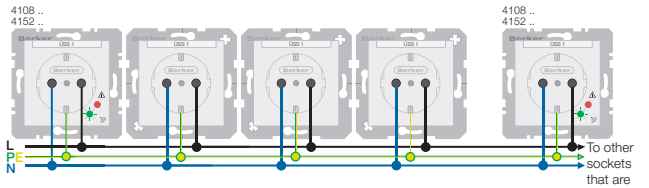
Technical data	
Rated voltage	230 V~, 50/60 Hz
Rated current IN	16 A
Operating current IC at Ur	< 2.3 mA
Arrester rated voltage Ur	255 V~
Leakage current to ground conductor at Ur	< 1 µA
Rated discharge current Isn (8/20) µs: sym / asym	1.5 kA (100x)
Max. discharge current Is max (8/20) µs: sym / asym	4.5 kA (1x)

SCHUKO socket with overvoltage protection

The applications for the SCHUKO socket with overvoltage protection are in power supply unit protection e.g. for IT systems, medical equipment, instrumentation and control equipment, and TV, video and audio equipment. The basic circuit comprises a combination of varistors and gas filled surge arresters. Varistors can be overloaded by excessive or frequent overvoltage.
The consequence is an increase in leakage current through the components, and an associated increase in heat. For this reason the varistors are monitored by a thermal cut-out and isolated from the mains power before they become too hot; the mains voltage remains connected. The cut-out is signalled by the red indicator lamp on the socket cover. At the same time an acoustic fault alarm (buzzer) is activated. Unplugging the appliance stops the acoustic alarm. The visual signal is not dependent on whether a plug is in the socket or not. The lamps incorporated into the socket have the following meanings:
Green lamp lit: mains voltage present
Red lamp lit (buzzer sounds): the thermal cut-out has tripped, the overvoltage protection function is no longer operational. The SCHUKO socket with overvoltage protection needs to be replaced.

Combination with SCHUKO sockets

Overvoltage protection is only beneficial when upstream coarse and medium protection is fitted.

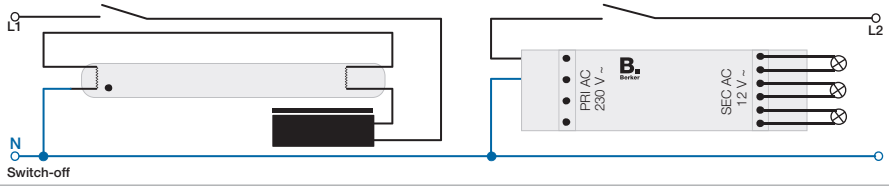


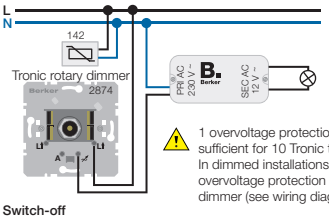
The max. permissible distance from the SCHUKO socket with overvoltage protection to the last through-wired and also protected socket is 4m. Thereafter further SCHUKO sockets with overvoltage protection must be installed.

SCHUKO socket with overvoltage protection	
Protection level: phase/neutral (phase/ground; neutral/ground)	< 1.2 kV (1.5 kV)
Response time ta: sym / asym	25 ns / 100 ns
Arrester of requirement class	D
Overvoltage protection to	EN 61643-11 and VDE 0675 part 6-11 arrester type 3, One Port
Connecting terminals: screwed connection	(rigid) 2.5 mm²
Temperature range	-5 to 40 °C
Order no.:	4108 .., 4152 ..

Overvoltage protection module

Tronic transformers are spike proof up to 1500 V. To protect against higher overvoltages (occurring when fluorescent lamps and gas discharge lamps are switched off and under other inductive loads for example), separate load circuits should be installed for Tronic transformers and those consumers. It is advisable to install an additional overvoltage protection in systems of this kind.





1 overvoltage protection module is sufficient for 10 Tronic transformers. In dimmed installations, connect overvoltage protection module before dimmer (see wiring diagram)

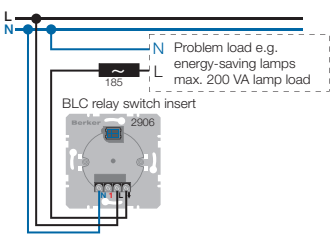
Technical data	
Rated alternating voltage	230 V~, 50/60 Hz
Leakage current I_S (8/20)	4.5 kA (1x) 1.0 kA (100x)

Overvoltage protection module	Order no. 142
Residual voltage I_S (1kA)	approx. 1000 V
Operating temperature	-25 to 80 °C
Connections	flexible cable 1.5 mm² 200 mm long

Inrush current limiter



The inrush current limiter limits the lamp inrush current of problem loads such as energy-saving lamps (this is 32 A per lamp for the Osram Dulux EL), compact fluorescent lamps and fluorescent lamps with electronic ballast (up to 25 A per lamp) to a level that can be carried by a mechanical switch contact (relay). The inrush current limiter is connected in series with the lamp(s).
Not suitable for dimmers or electronic switches such as BLC Triac or Tronic switch insert!



Basic circuit with inrush current limiter

Technical data	Inrush current limiter order no. 185
Connected load	max. 200 VA
Max. operating temperature	max. 65 °C
Dimensions (L x W x H)	45 x 25 x 12 mm (for 60 mm flush-mounted wall box)

Thermostat
The thermostat controls the temperature in enclosed spaces, such as homes, schools, workplaces etc..

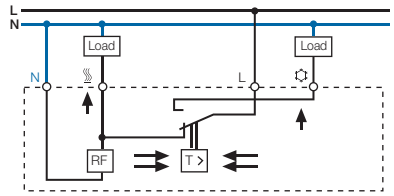
Installation location
- An inside wall opposite the heating source is the preferred installation location.
- Installation height approx. 1.5 m above the floor.
- Avoid external walls and draughts from windows and doors.
- Do not install the controller within shelving units or behind curtains and similar coverings.
- Extraneous heat affects the control accuracy.
- Avoid direct sunlight and do not install near televisions, radios and heaters, lamps, chimneys and heating pipes.
- If the controller is mounted in combination with a dimmer under a shared switch frame, then the distance between the two devices should be as great as possible. In the case of an arrangement one above the other, the controller should be below the dimmer.

Electrical connection
Connect all the cables according to the corresponding circuit diagram. Connect the neutral conductor to the N terminal. If this does not take place, then extreme temperature fluctuations will occur, as the controller does not work without thermal recirculation. The function is only dependent on the bimetal.
No protective conductor is required, as the device is insulated.

Brief description in the circuit diagram

L	Live conductor
N	Neutralco nductor
⏚	Protective earth conductor
NTC	Connection for temperature sensor
RF	Resistor for thermal re-circulation
TA	Resistor for night / temperature lowering
⏲	External time switch or (switch) for night / lowering temperature
	Load connection
♨	Heating
☼	Cooling
T>	Bimetal contact (temperature evaluation)

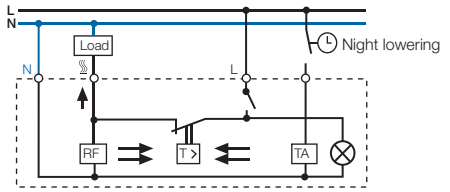
Thermostat insert, change-over contact



202600

Specifications		Thermostat insert, change-over contact
Temperature range		5 to 30 °C
Rated voltage		250 V~, 50/60 Hz
Rated current	heating	10 A, 4 A cos f=0.6
	Cooling	5 A, 2 A cos f=0.6
Switching capacity	heating	2.2 kW
	Cooling	1.1 kW
Power consumption		0.15 W
Switching temp. difference		approx. 0.5 °C
Order no.		2026..

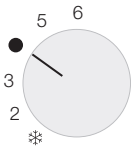
Thermostat insert, NC contact



203000 and 203100

Specifications	Thermostat insert, NC contact ..
Temperature range	5 to 30 °C
Rated voltage	250 V~, 50/60 Hz
Rated current	10 A, 4 A cos f=0.6
Breaking capacity	2.2 kW
Power consumption	0.15 W, with night lowering 0.3 W
Switching temperature difference	approx. 0.5 °C
Temperature lowering	approx. 4 °C
Order no.:	2030..

Specifications	Thermostat insert, NC contact ..
Temperature range	5 to 30 °C
Rated voltage	24 V~, 50/60 Hz; 24 V=
Rated current	10 A at ~, 4.1 A at =
Breaking capacity	240 W at ~, 100 W at =
Power consumption	14.4 mW, with night lowering 28.8 mW
Switching temperature difference	approx. 0.5 °C
Temperature lowering	approx. 4 °C
Order no.:	2031..



The scaling on the thermostats at the correct installation location corresponds to:

❄ = approx. 5 °C
2 = approx. 10 °C
3 = approx. 15 °C
• = approx. 20 °C
5 = approx. 25 °C
6 = approx. 30 °C

Thermostat
This thermostat controls the temperature of underfloor heating systems.
The required floor temperature is set using the adjusting knob.
If the set floor temperature is not reached, the control unit then requests heat and shows this through a red LED. The heating is switched on or off using the mains switch. Night lowering can be activated using an additional connection through an upstream timer or control switch. This is displayed by the green LED on the setting knob lighting up. The temperature is reduced by approx. 5 °C.
For temperature measurement, install the sensor in the floor in a protective pipe. The sensor cable can, if necessary, be extended using a 2-core cable of 1.5 mm² cross section without influencing the precision of the controller. When laying the cable ducts or when close to high current conductors, a shielded cable should be used.

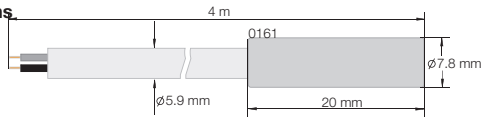
Characteristic sensor values: Measuring device internal resistor Ri > 1 MOhm

05 °C	85.279 k Ohm
10 °C	66.785 k Ohm
15 °C	52.33 k Ohm
20 °C	41.272 k Ohm
25 °C	33.000 k Ohm
30 °C	26.281 k Ohm
35 °C	21.137 k Ohm
40 °C	17.085 k Ohm
45 °C	13.846 k Ohm
50 °C	11.277 k Ohm

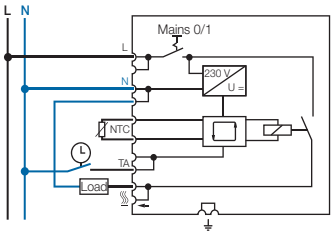
The resistance values can only be measured when the sensor is disconnected.

Install the temperature sensor in the ductwork in the floor, so that it is located between 2 heating conductors.

Sensor dimensions



Thermostat insert for underfloor heating



203400

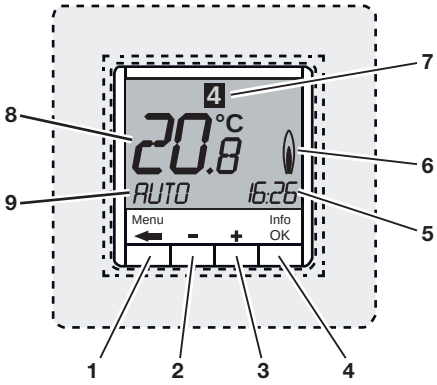
The terminal TA (temperature reduction) is activated via the neutral conductor N.

Specifications	Thermostat
Temperature range	10 to 50 °C
Rated voltage	230 V~, 50/60 Hz; 230 V=
Switching current	10 A cos f=1 ohmic load
Breaking capacity	2.3 kW
Power consumption	0.14 W, with night lowering 0.28 W
Switch/one-pole	ON/OFF
Display LED	Heating on "red" / Night lowering on "green"
Contacts (relay)	1 NO contact (for heating) not potential-free
Temperature lowering	approx. 5 °C
Switching temperature difference	approx. 1 °C
Sensor element	NTC
Sensor lead	PVC 2 x 0.75 mm2
Cable length	4 m
Degree of protection	IP67 acc. to EN 60529
Order no.:	2034..

Thermostat, NO contact, with centre plate, time-controlled [order no. 2044 ..]

The time-controlled thermostat enables weekday and time-dependent control of the room temperature in automatic mode. The current temperature value is determined via the internal sensor and compared with the setpoint value. When the temperature falls below the setpoint value, the heating system is activated.

An external sensor for measuring the floor and room temperature can also be connected.



(1) Push-button **Menu**/ ◄
(2) Push-button **-**
(3) Push-button **+**
(4) Push-button **Info**/**OK**
(5) Indication of current Time/Help texts
(6) Indication of heating mode
(7) Indication of weekday
(8) Indication of room or floor temperature
(9) Indication of Function/ Settings

Fig. 1: Overview of the operation and display elements

Product features

- Can be used as room thermostat, floor thermostat or room thermostat with limiter.
- For floor heating, control using room and/or floor temperature possible
- Connection for external floor temperature sensor/remote sensor
- Switchover manual/automatic mode
- For heating or cooling mode
- Type of actuator (currentless closed/open) adjustable
- Control method: PWM (Pulse Width Modulation) or 2 point (On/Off)
- PWM cycle time and hysteresis (for two-point control) adjustable
- Indication of the room or setpoint temperature, switchable
- Manual temperature value adjustment
- 3 preset time/temperature programs, individually adjustable
- 3 blocks of days: Mon-Fri, Sat-Sun, Sun-Mon
- Max of 9 events per weekday adjustable
- Frost protection function
- Valve protection function (the output is activated daily for 3 minutes, can be switched off)
- Upper and lower floor temperature limiter for use as room thermostat with limiter, adjustable
- Holiday program with date activation
- At home function for temperature control regardless of weekday according to time and temperature specifications of the set program
- Self-learning heating curve, can be switched off
- Timer for changing the temperature by the hour
- Automatic summer-/winter time switching (can be switched off)
- Large, backlight LC display LC with text display
- Programmable with operating unit removed
- Access protection (disabling of thermostat by key combination)
- Operating hours counter or energy consumption display adjustable
- Operating languages are adjustable: German, English, Dutch or French

Time/temperature diagram

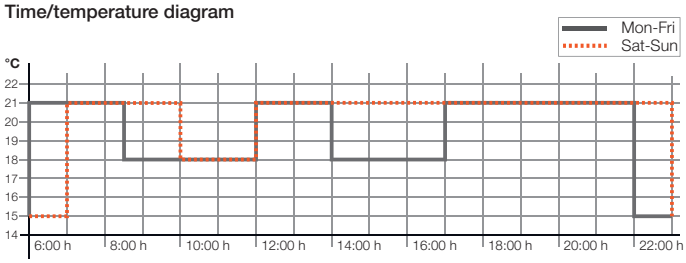


Fig. 2: Day profile program 1

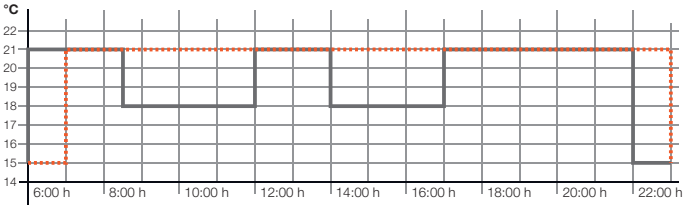


Fig. 3: Day profile program 2

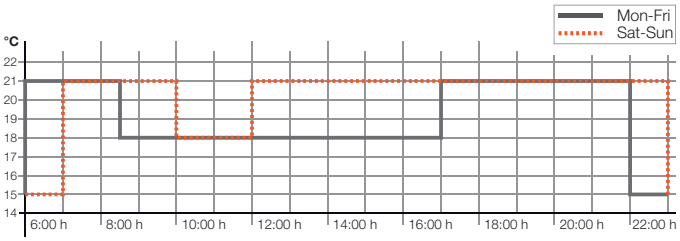


Fig. 4: Day profile program 3

The last temperature setback always takes place at 22:00h in all preset day profiles.

Function Optimum Start

The device detects automatically when the heating cycle must start so that the setpoint temperature is reached at the set time (self-learning heating curve).

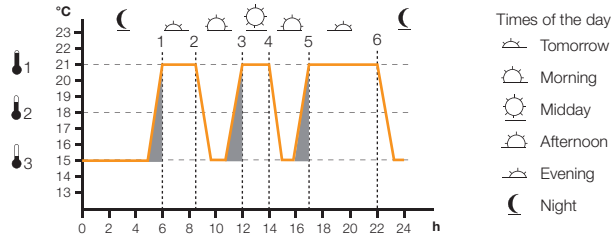


Fig. 5: Self-learning heating curve based on the example of the weekday profile of program 1

Assembly and electrical connection

Extraneous heat affects the control accuracy.

- An inside wall opposite the heating source is the preferred installation location.
- Installation height approx. 1.5 m above the floor.
- Avoid installation on outside walls or draught from windows or doors.
- Controller not within shelving units or behind curtains and similar coverings. Install coverings (except with remote sensor).
- Avoid direct sunlight and do not install near televisions, radios and heaters, lamps, chimneys and heating pipes.
- When installing in a 3, 4 or 5gang frame, the distance between the thermostat time-controlled and a dimmer should be as big as possible. In the case of an arrangement one above the other, the controller should be below the dimmer.

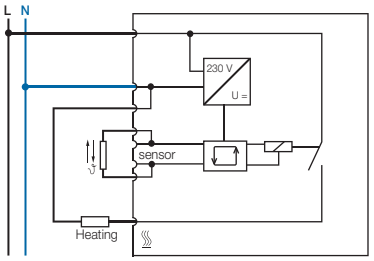


Fig. 6: Connection diagram for thermostat, NO contact, with centre plate, time-controlled

Installation of temperature sensor [order no. 161]

- The temperature sensor for floor heating systems must be installed in an empty conduit between two heating conductors. If a temperature sensor is connected, the temperature measured there is displayed (for sensor values see floor temperature controller on page **T36**).
- For controlling a room separated from thermostat the temperature sensor can be installed with a sensor insert order no. 7594 10 01 at an appropriate installation location.

Specifications	Thermostat; NO contact, with centre plate, time-controlled order no. 2044 ..
Operating voltage	AC 230 V~
Rated frequency	50 Hz
Output	Relay NO contact, non-isolated
Switching current	10 mA ... 10 (4) A
Power consumption	approx. 1.2 Watt
Operating temperature	0 ... 40 °C (without condensation)
Storage temperature	-20 ... 70 °C (without condensation)
Protection class	IP30
Protection class	II
Temperature adjustment range in 0.5 °C increments	
Room thermostat (with limiter)	5 ... 30 °C
Floor temperature thermostat	10 ... 40 °C
Temperature display	in 0.1° C increments
Output signal	Pulse width modulation (PWM) or Two-point control (On/Off)
Minimum event	10 min
Time deviation	<4 min. per year
Power reserve via lithium battery (permanently installed)	approx. 10 years

RolloTec

Error on parallel switching of conventional tubular motors

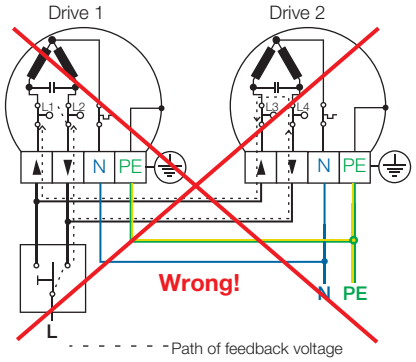


Figure 1: Parallel-switched conventional tubular motors

When the switch is actuated, both drives are switched to the same direction of running.
When drive 1 has reached the limit position, the limit position switch L2 opens. However, drive 2 may still be functioning and will use feedback voltage through its condenser to set drive 1 moving in the opposite direction so that L2 is shut again after a short time. This means that drive 1 will again run in the original direction until the contact L2 is reopened.

These switching operations can be seen through a pendulum motion of the roller blind.
As the feedback voltage may be up to 1000 V and many switching position changes happen in a very short time, limit switch E2 is overloaded. This will cause the contacts to weld together. This deactivates the final switch-off in this running direction and the motors are destroyed.

⚠ Overloading of the limit switches through parallel switching of conventional tubular motors. Motors or roller blinds may be destroyed. For joint control, use Berker cutoff relays or electronic tubular motors, such as those from Becker, Elero or Selve.

RolloTec cutoff relay

RolloTec cutoff relays are mounted in water-protected junction boxes or in wall boxes, flush-mounted, e.g. behind a blanking cover or a RolloTec insert. RolloTec cutoff relays RMD are snapped onto the 35 mm DIN hat profile rail.
The following variants are available, depending on the desired operating concept

- RolloTec cutoff relay built-in/surface-mounted, order no. 2930 and RolloTec cutoff relay RMD, order no. 2931 for simultaneous movement of two motors using one operating point.
- RolloTec cutoff relay built-in/surface-mounted, order no. 2969 and RolloTec cutoff relay RMD, order no. 2919 with extension circuits for simultaneous movement of two motors using one operating point or separate operation of the individual motors.

⚠ Connect a maximum of 6-8 motors to one miniature circuit-breaker (note current consumption). Additional miniature circuit-breakers should be planned for extensions.

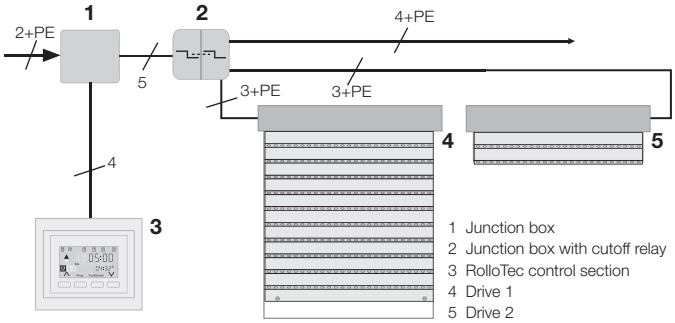


Figure 2: Installation plan for cutoff relay

RolloTec cutoff relay [2930, 2969]

Connection of motors with cutoff relay

N cable required at the terminal connection.

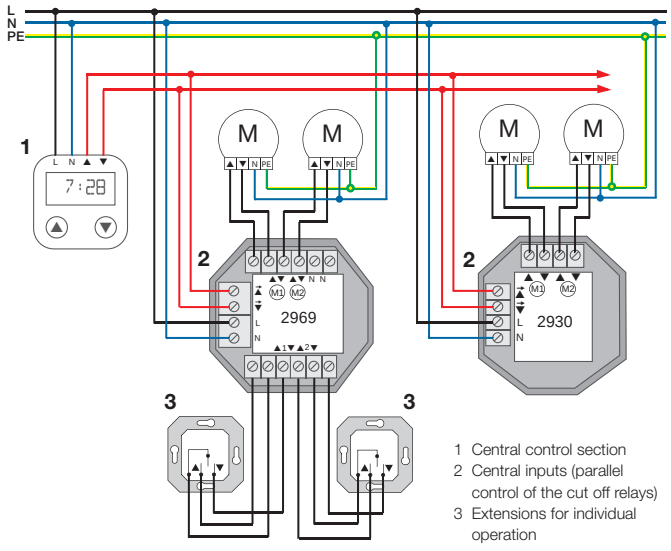


Figure 3: Connection diagram for RolloTec cutoff relay built-in/surface-mounted

RolloTec cutoff relays RMD [2931, 2919]

Connection of motors with cutoff relay RMD

N cable required at the terminal connection.

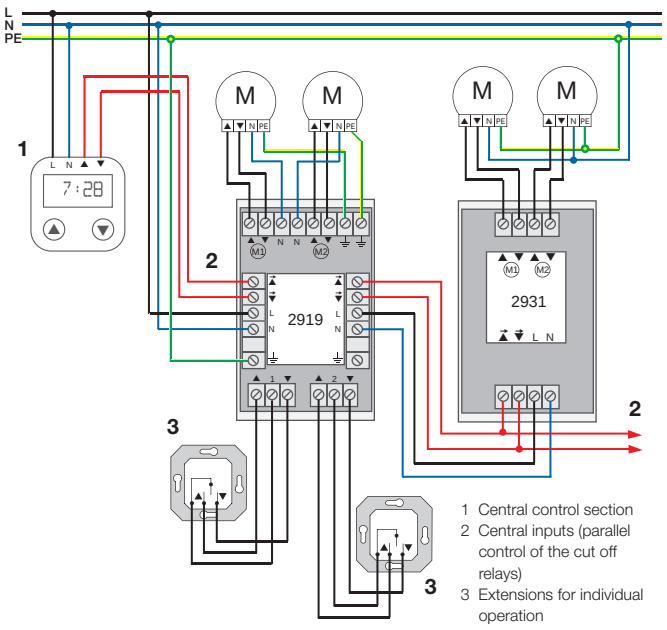
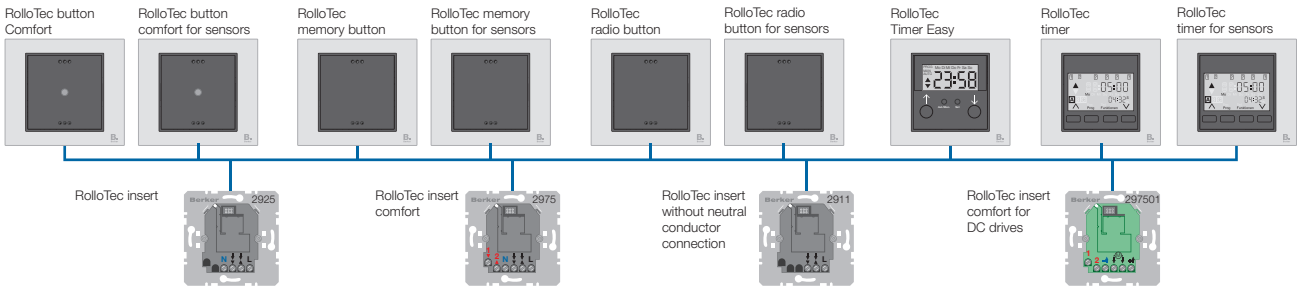


Figure 4: Connection diagram for RolloTec cutoff relay RMD

Technical data	RolloTec cutoff relay
Rated voltage	230 V~
Rated frequency	50/60 Hz
Control voltage	230 V~
Fuse	10 A
Circuit breaker	Characteristic A or B
Current consumption (operation)	approx. 10 mA
Switching current per output	
- ohmic	8 A
- inductive	3 A
Switch-on time (ED)	100 %
Change-over time for change of direction	min. 0.5 s
Operating temperature	0 ... 60 °C
Protection class	IP20

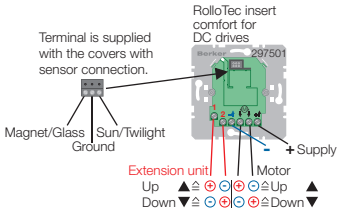
Small screw terminal connections	
- Single stranded	0.5 ... 2.5 mm²
- Finely stranded with conductor sleeves	0.5 ... 1.5 mm²
Large screw terminal connections (mains and master input, only flush-mounted device with extension units)	
- Single stranded	0.5 ... 4 mm²
- Finely stranded with conductor sleeves	0.5 ... 2.5 mm²
Dimensions (W × H × T)	
- Order no. 2930	50 × 52 × 22 mm
- Order no. 2969	53 × 50 × 25 mm
- Order no. 2919, 2931 (RMD)	45 × 71 × 42 mm
	2.5 modules
Assembling height as from DIN rail	
- Order no. 2919	39 mm
- Order no. 2931	38 mm

RolloTec combinations with 9 covers for 4 inserts

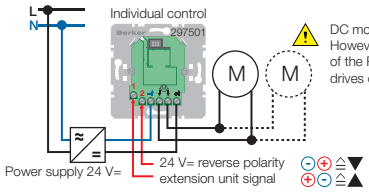


RolloTec insert comfort for DC drives

A 24 V= SELV power supply with protective isolation must be used to supply the RolloTec comfort insert for DC drives and to activate the extension unit inputs.

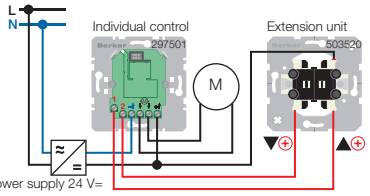


No connection to 230 V extension units.



DC motors may be connected in parallel. However the maximum switching current of the RolloTec insert comfort for DC drives of 3 A must not be exceeded.

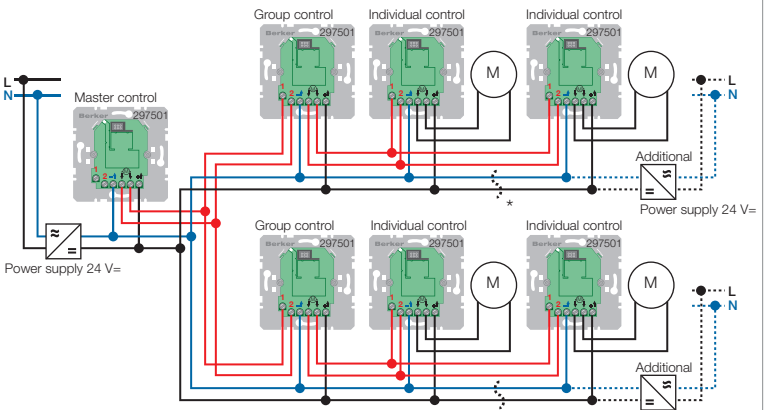
Individual control



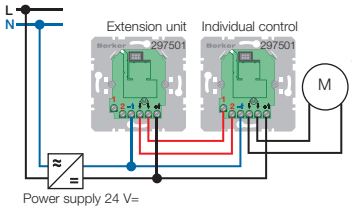
A blind series switch extension unit must be supplied from **the same** power supply as the RolloTec insert.

As long as an up command 1⊕ and 2⊖ is present at the extension unit input, the drive on the unit itself cannot be operated either manually or automatically.

Individual control with mechanical extension unit



Master control with RolloTec extension unit



A RolloTec insert extension unit can be supplied from a different power supply to the RolloTec insert main stations.

Individual control with RolloTec extension unit

Technical data	RolloTec insert comfort for DC drives
Nominal voltage	24 V=, +/- 10% including ripple
Current consumption (idle) approx.	30 mA
Current consumption (operation) approx.	100 mA
Relay contacts	2 reverse polarity changeover relays
Switching current	max. 3 A
Reversing time	min. 1 sec.
Extension unit inputs	for 24 V= reverse polarity signals
Sensor cable length	with shielded cable extendable to max. 20 m
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²
Operating temperature	5 to 35 °C
Order no.:	297501

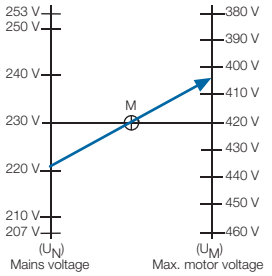
RolloTec insert without neutral conductor connection

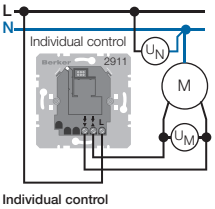
Checking the suitability of motors with mechanical limit switches:
To replace a mechanical shutter switch/push-button with the RolloTec insert without a neutral conductor, first check the suitability of the motor.
The RolloTec insert has no neutral conductor connection and draws its power supply from the motor. Some motors develop such a high voltage during operation that the insert could be destroyed. The check should therefore be performed with a shutter switch/push-button and not with the RolloTec insert without neutral conductor connection.

Measure the mains voltage (UN) and the motor voltage (UM) in up and down directions using a voltmeter. Compare the measured values for the up and down directions and the measured mains voltage using the following diagram. Locate the measured mains voltage (UN) on the left-hand axis. Connect the measured value in the diagram through the mid point (M) to the right-hand axis (motor voltage UM). If your values measured on the motor do not exceed the maximum motor voltage given in the diagram, the motor can be used in combination with the RolloTec insert without neutral conductor.

Example (blue arrow):
The measured mains voltage (UN) is 221 V. Connect the value 221 V on the left-hand axis in the diagram through the mid point (M) to the right-hand axis with the motor voltage (UM). This gives a max. permitted motor voltage (UM) of 404 V.

Checking the suitability of motors with electronic limit switches:
Motors with electronic limit switches operate according to different principles depending on the manufacturer. The insert cannot normally be destroyed by motors with electronic limit switches. Make sure that you check the function of the RolloTec insert without neutral conductor connection in conjunction with this type of motor.





Individual control

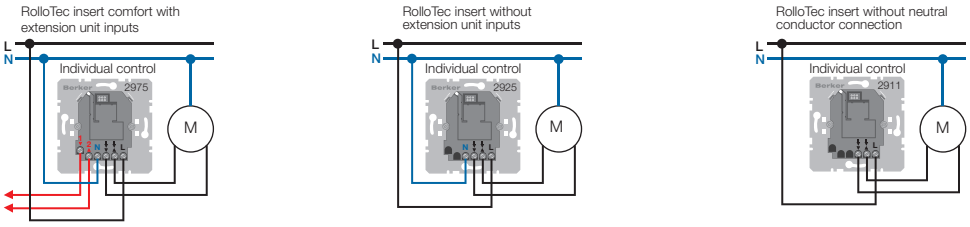
No extension unit operation possible. Unit can only be used in conjunction with a shutter/roller motor with limit switch (mechanical or electronic).

Technical data	RolloTec insert without neutral conductor connection
Nominal voltage	230 V~, 50 Hz
Relay contacts	2 potential carrying NOC (mutually interlocked)
Switching current	max. 1 motor 1000 W
Reversing time	min. 1 sec.
Circuit breaker	max.16 A
Radio interference suppression	to EN 55015
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²
Operating temperature	5 to 35 °C
Order no.:	2911

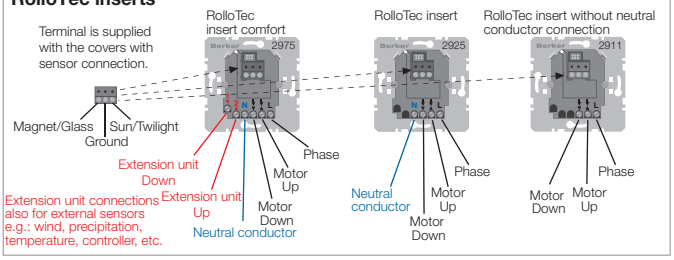
Individual control with RolloTec inserts

Extension unit connections also for external sensors e.g.: wind, precipitation, temperature, controller, etc.

To extension units: e.g.
- blind switch for centre plate with lock
- blind series push-button
- group series push-button with 4 NOCs etc.



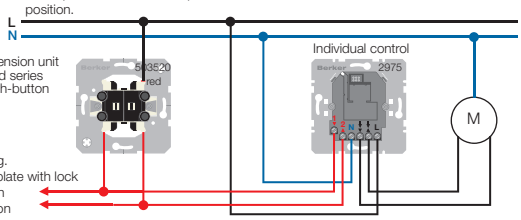
RolloTec inserts



Technical data	RolloTec insert and insert comfort
Nominal voltage	230 V~, 50/60 Hz, N conductor required
Switching capacity	max. 1 motor 1000 W
Relay output	2 potential carrying NOC (mutually interlocked)
Extension unit inputs (comfort insert only)	230 V~ (do not lay low current line)
Reversing time	min. 1 sec.
Circuit breaker	max. 16 A
Radio interference suppression	according to EN 55015
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²
Operating temperature	5 to 35 °C
Order No.:	2925, 2975

Individual control with RolloTec insert comfort and extension unit

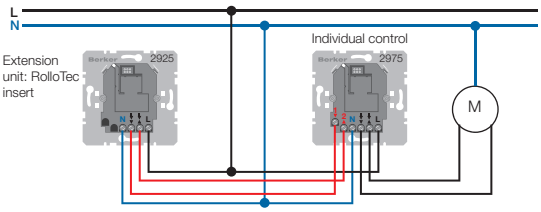
Function: RolloTec insert comfort does not latchblind series push-button must be pressed until blind is at final position.



Other extension units: e.g.
- blind switch for centre plate with lock
- blind series push-button
- group series push-button with 4 NOCs etc.

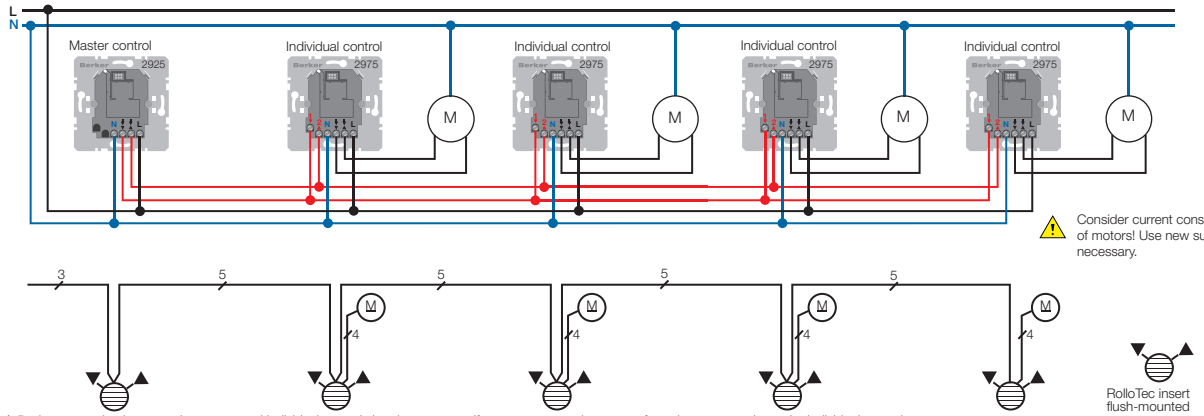
Operation with extension unit

Function: RolloTec insert comfort latches at each point if pressed for more than 1 sec., blind moves automatically to final position.



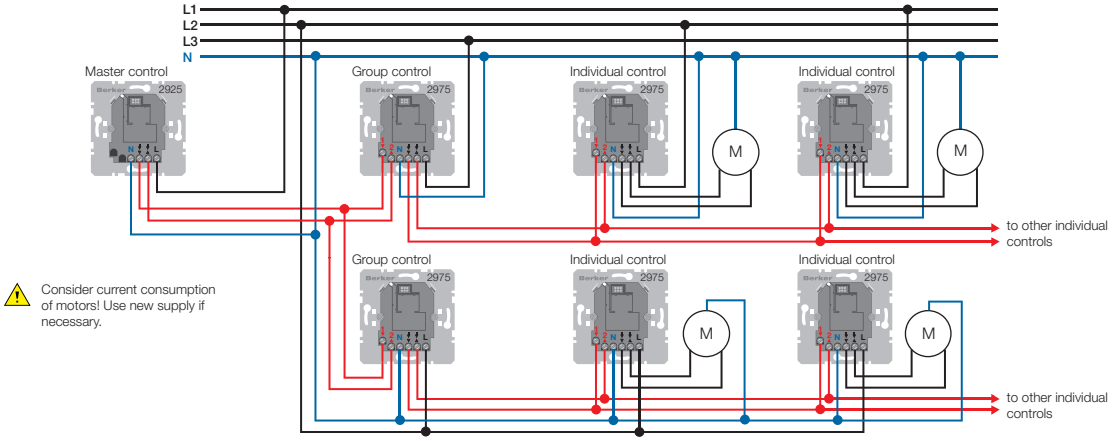
Operation with extension unit

RolloTec inserts: Master control and individual control in one phase

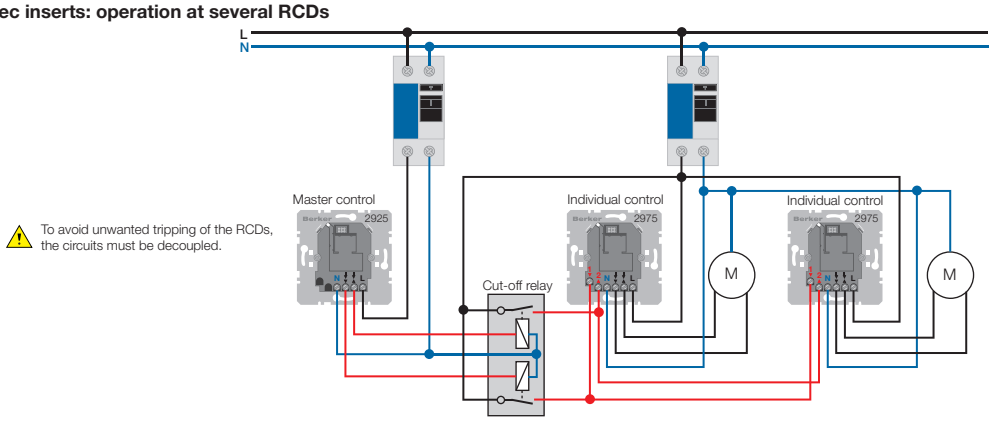


A 5-wire connection between the master and individual controls is adequate even if sensor commands are sent from the master point to the individual controls.
The motor reverse voltage means that no motor can be connected to the master control!

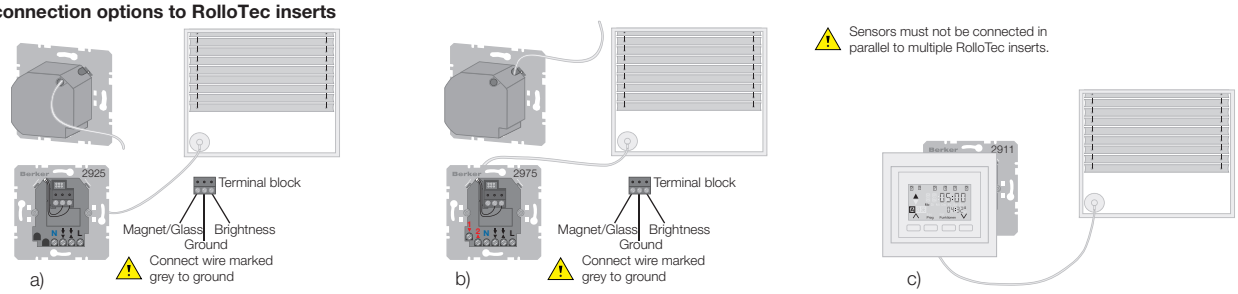
RolloTec inserts: Master and group control in different phases



RolloTec inserts: operation at several RCDs



Sensor connection options to RolloTec inserts



Various options are available for connecting the sensors (brightness sensor/magnetic contact/glass breakage sensor):

a) The sensor cable can be routed easily from the wall box, flush-mounted through the tunnel in the RolloTec insert as far as the terminal block and securely connected.
b) The sensor cable can be fed through the cable duct between the base plate and the flush-mounted wall box and fixed to the terminal block.
c) For mounting, the sensor cable connector can be plugged into the lower sensor connection. This connection can be detached at any time in order to prevent unwanted lowering (e.g. of balcony door roller shutters) (not with magnetic contact).

Sun protection function: with brightness sensor order no. 169
If the sunlight value (20 000 Lux or programmable - see technical data) is exceeded by 2 minutes, the hanging automatically moves down until the sensor is concealed; then moves up a little until the sensor is exposed once more. If the brightness remains below the preset level for 15 minutes, the hanging is raised again.
The sun protection function is only activated when the hanging has been moved to its end position by a continuous run operation. To attach, clean the glass with meths or similar, and the sensor with washing up liquid. Rinse the sensor in clean water and affix it to the window glass.

Twilight function:
The twilight function (only with timer) is activated approx. 90 minutes before sunset (see astronomical curve).
The hanging is lowered about 5 minutes after the brightness has fallen below the programmed level.

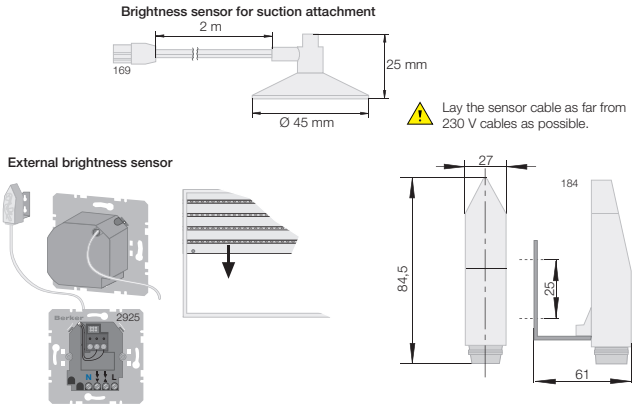
Technical data	RolloTec brightness sensor
Maximum sensitivity of diode	at λ approx. 850 nm
Sunlight brightness values	
Push-button comfort with radio button for sensors	approx. 5000 to 80 000 Lux, prog.
Memory button with sensor connection	approx 20 000 Lux, fixed
Timer with sensor connection	approx. 1000 to 76 000 Lux, programmable
Twilight brightness values (only timer 1775..)	approx. 6 to 300 Lux, programmable
Temperature range	-30 to 70 °C
Index of protection	IP54
Cable length	2 m, extendable to approx. 10 m with telephone cable J-Y(ST)Y 2 x 2 x 0.6 mm, connect shield to ground!
Order No.:	169

RolloTec glass breakage sensor

The glass breakage sensor is affixed to the window pane. If the glass is broken, the roller shutter is automatically lowered, thereby protecting the property from the weather and from unauthorised intrusion. The roller shutter remains closed until an Up command is sent from the associated control mounting. Master commands are not executed, and brightness values are not processed. Attachment: clean the surface of the glass with spirit or methyl alcohol etc., and affix the sensor to the window pane with special LOCTITE adhesive (see operating instructions)

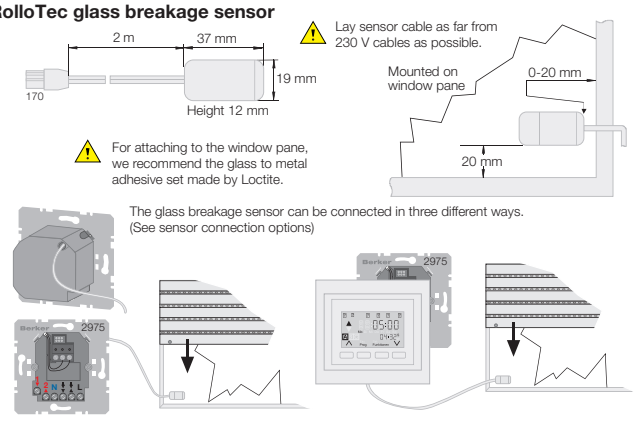
Technical data	RolloTec glass breakage sensor
Contact	1pole NCC contact
Switching capacity	max. 350 mW
Action radius	2 metres
Contact resistance No load	max. 30 Ohm
Alarm condition	min. 1 MOhm
Alarm duration	approx. 0.5 - 5 sec.
Connection cable	LIYY 2 x 0.14 mm²
Temperature range	-30 to 70 °C
Index of protection	IP66
Max. number	10 units (in series)
Cable length	2 m, extendable to approx. 10 m with telephone cable J-Y(ST)Y 2 x 2 x 0.6 mm, connect shield to ground.
Order No.:	170

RolloTec brightness sensors



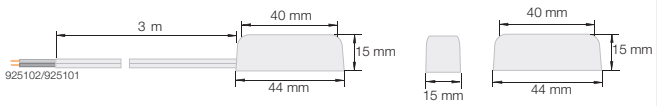
By connecting the RolloTec brightness sensors surface-mounted to the RolloTec insert the sun protection function can be implemented. If the preset Lux value is exceeded, the shutter is lowered such that slits of light still come through.

RolloTec glass breakage sensor



Technical data	Magnetic contact order no. 925101/02
Contact	1pole NCC contact
Number of wires	2
Operating distance	5 to 12 mm
Switching voltage	Max. 40 V=
Switching capacity	max. 10 W
Switching current	max. 0.5 A
Index of protection	IP67
	925102/925101

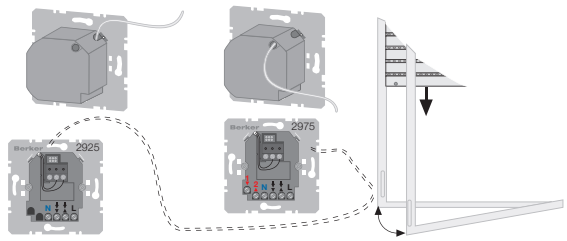
Magnetic contact



Magnetic contact

When the window is opened the roller shutter is closed. An up command on the associated individual control is the only way to move the roller shutter back up. Effective break-in protection is achieved by series connection of magnet contacts and glass breakage sensors.

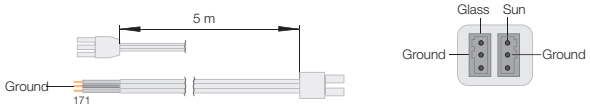
Magnetic contact connection



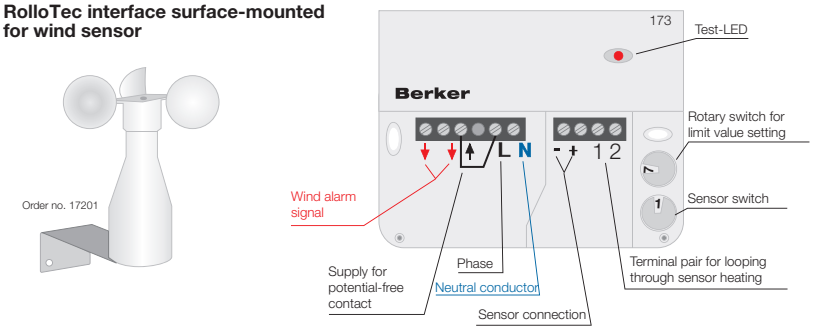
The adapter serves as an extension and to connect the connecting cables for a brightness sensor and a glass breakage sensor.

Technical data	RolloTec adapter for sensors order no. 171
Number of sensors on connector	Max. 1 brightness sensor and max. 1 glass breakage sensor

RolloTec adapter for sensor



RolloTec interface surface-mounted for wind sensor



Settings for the RolloTec interface surface-mounted for wind sensor
Sensor switch for type setting:
1 = Berker / order no.: 172 (obsolete type)
2 = Berker / order no.: 17201 and
Thies / order no.: 4.3515.50.000 (heated)

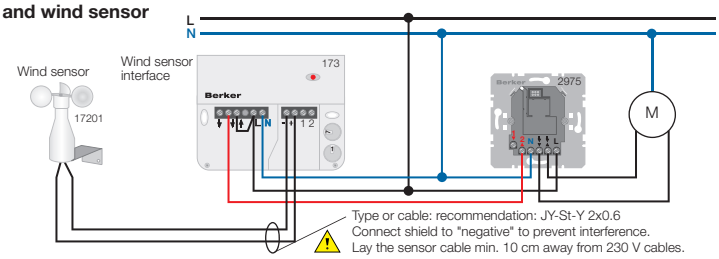
The rotary switch sets the limit value:

Position of rotary switch	wind speed
1	Test
2	Test
3	3 Bft - approx. 3.3 m/s - 12 km/h
4	4 Bft - approx. 5.5 m/s - 20 km/h
5	5 Bft - approx. 8.0 m/s - 29 km/h
6	6 Bft - approx. 11.0 m/s - 40 km/h
7	7 Bft - approx. 14.1 m/s - 51 km/h
8	8 Bft - approx. 17.2 m/s - 62 km/h
9	9 Bft - approx. 20.8 m/s - 75 km/h
0	10 Bft - approx. 24.5 m/s - 88 km/h

Bft = Beaufort scale

Function test:
Select rotary switch position 1 or 2 (test), start the wind sensor in rotation, the LED will flash. After 15 seconds continuous rotation (e.g. with a hair dryer) the contact will close.

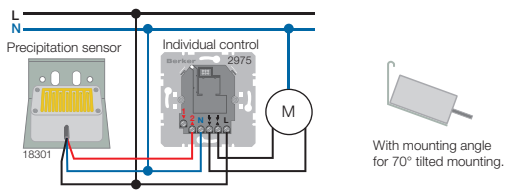
RolloTec insert comfort with RolloTec interface surface-mounted for wind sensor and wind sensor



⚠ - Do not mount the install RolloTec wind sensor in wind shadow.
- Ensure correct attachment position
- The wind controller is weather-resistant and can be exposed to constant direct sunlight.
The wind alarm has the top priority, i.e. the hanging is always raised and locked in the event of a wind alarm until the wind has dropped for at least 15 minutes.

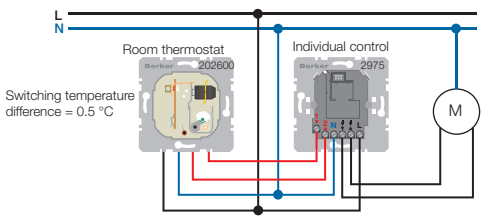
Response time: Shutter is raised after 15 sec. above set value.

RolloTec insert comfort with RolloTec precipitation sensor



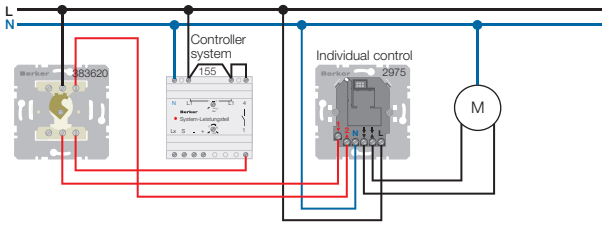
By connecting a precipitation sensor to extension unit input 2 ▲ in the event of precipitation the hanging (e.g. an awning) is retracted and locked shut until the precipitation stops (after approx. 2 minutes the moisture on the heated precipitation sensor has evaporated and it is unlocked).

RolloTec insert comfort

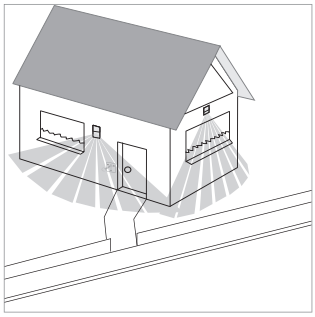


By connecting a thermostat insert, change-over to the extension unit inputs, the shutter is raised or lowered depending on the temperature (e.g. in a winter garden).
Use only extension unit input 1 ▼ or 2 ▲ as desired.

RolloTec in combination with blind switch and controller/controller system



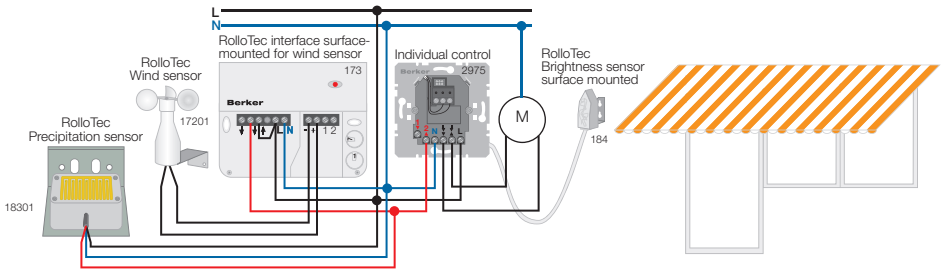
The key switch (blind switch 2pole) activates the controller/controller system, causing the shutters to be closed in the event of any unauthorised approach to the building. On arrival of the occupants, the roller shutters are raised by operating the key switch. A RolloTec timer can be used as a master control, automatically raising the roller shutters every morning while the occupants are away.



Awning control with RolloTec wind/brightness and precipitation sensor

Function: When the preset brightness is exceeded the shutter is lowered. In the event of precipitation and/or excessive wind, the shutter is retracted and locked until the precipitation stops and/or the wind drops.

Priority: Wind and rain before manual and brightness sensor command.

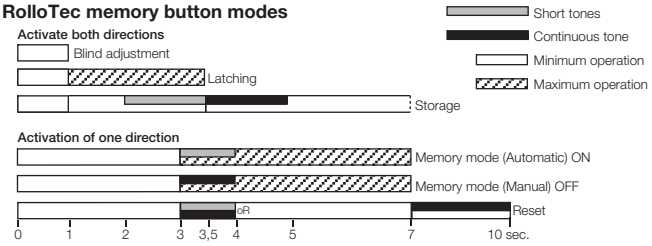


RolloTec memory button

The memory button contains two functions: Push-button mode and automatic memory mode. Simply pressing the push-button (up/down) raises or lowers the shutter.
An up and/or down command can be taught-in and updated at any time by new ones. These commands are then executed automatically at the same time every day in memory mode.
When a manual action is performed in memory mode a short beep sounds indicating the set mode. (For settings see adjacent diagram)

Technical data	RolloTec memory button
Switching times	max. 2 (1 up and 1 down time)
Connection	Plug into RolloTec insert
Order No.:	1756.., 1757.. (with sensor connection)

RolloTec memory button modes



Function only with memory button and memory button with sensor connection

RolloTec Easy timer

The RolloTec Easy timer can be viewed as a simple individual or master control for roller blinds, shutters or awnings. The timer can be programmed for one up time and one down time, for Monday to Friday and Saturday to Sunday respectively. The Easy timer can be programmed for a period of 6 hours after removal from the RolloTec insert. Manual operation is possible at any time, of course.

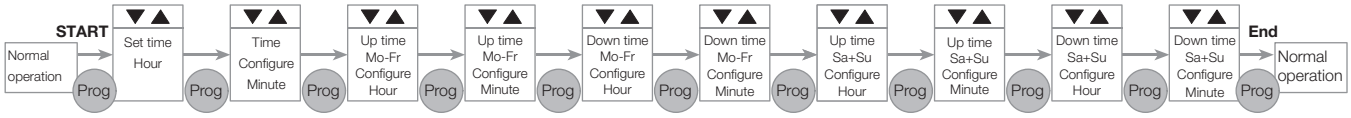
The Easy timer does not process any extension and sensor signals or master commands.
The RolloTec Easy timer comprises two modes:

Automatic: The programmed up/down time is executed automatically.
Manual: In this mode, the up/down time is ignored and operation is only possible manually using the up/down buttons.

If a time of movement of 00:00 is set during programming, it is not executed. This means, for example, that by programming 7:00 ▲ and 00:00 ▼, the shutter is only raised in the morning. The shutter must then be lowered manually in the evening.

Quick programming permits the up and/or down times to be entered speedily and efficiently. This makes programming the switching times even easier.
Press and hold down button ▲ and Prog simultaneously. The current time is stored as the up time for the current part of the week (Mo-Fr or Sa+Su, whichever is the case). If the button ▼ and the Prog. button are pressed simultaneously, the same is set for the down time.

Programming
RolloTec Easy timer

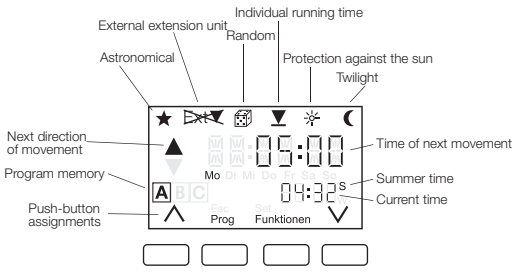


Product details of the RolloTec timer comfort

- Operation via 4-button control pad
- Display the next time of movement with all active functions and the current time
- 3 programme memories A, B and C for up to 18 times of movement
- Factory preset programmed times of movement in 2 programme memories (A, B)
- Random function (programmed times of movement are displaced by up to ± 15 min.)
- Astronomical function (enables an automatic upwards movement of the shutter at daybreak and downwards movement at nightfall
- Adjusting the astronomical function by shifting the astronomical time ± hours.
- Random and astro functions can be combined
- Automatic summer / winter time changeover (can be switched off)
- Individual motor running time adjustable 1 sec. to 6 min.
- Blade positioning time adjustable 0.1 to 5 sec.
- Evaluation of extension units the down direction can be switched off (protection against being locked out)
- Power reserve approx. 4 hrs.
- Programmed times of movement saved in non-volatile memory. Date and time remain saved for about 4 hours maintenance-free due to use of special capacitor.
- Wind alarm connected via extension unit (only with the RolloTec insert with extension unit function)
- Additional product details of the RolloTec timer comfort with sensor connection
- Sunlight protection function (evaluates external and internal sensors)
- Separate running time adjustment when using external sensor
- Twilight function (twilight-related lowering of shutters in connection with brightness sensors, dawn-related raising of shutters only in connection with surface-mounted brightness sensor)
- Glass breakage function

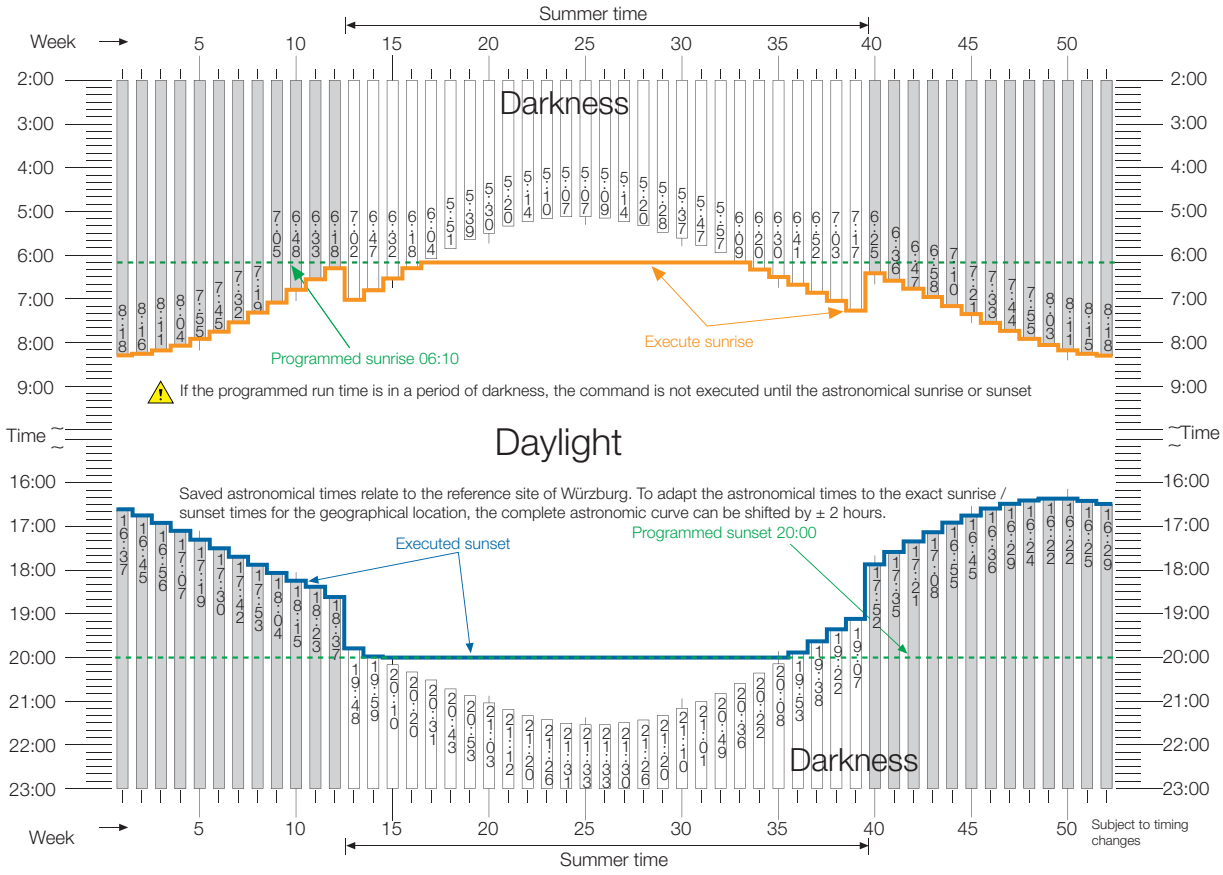
⚠ When a glass breakage sensor or combination of glass breakage sensor and sun sensor is fitted, a reduction in the power reserve should be expected.

RolloTec timer comfort display

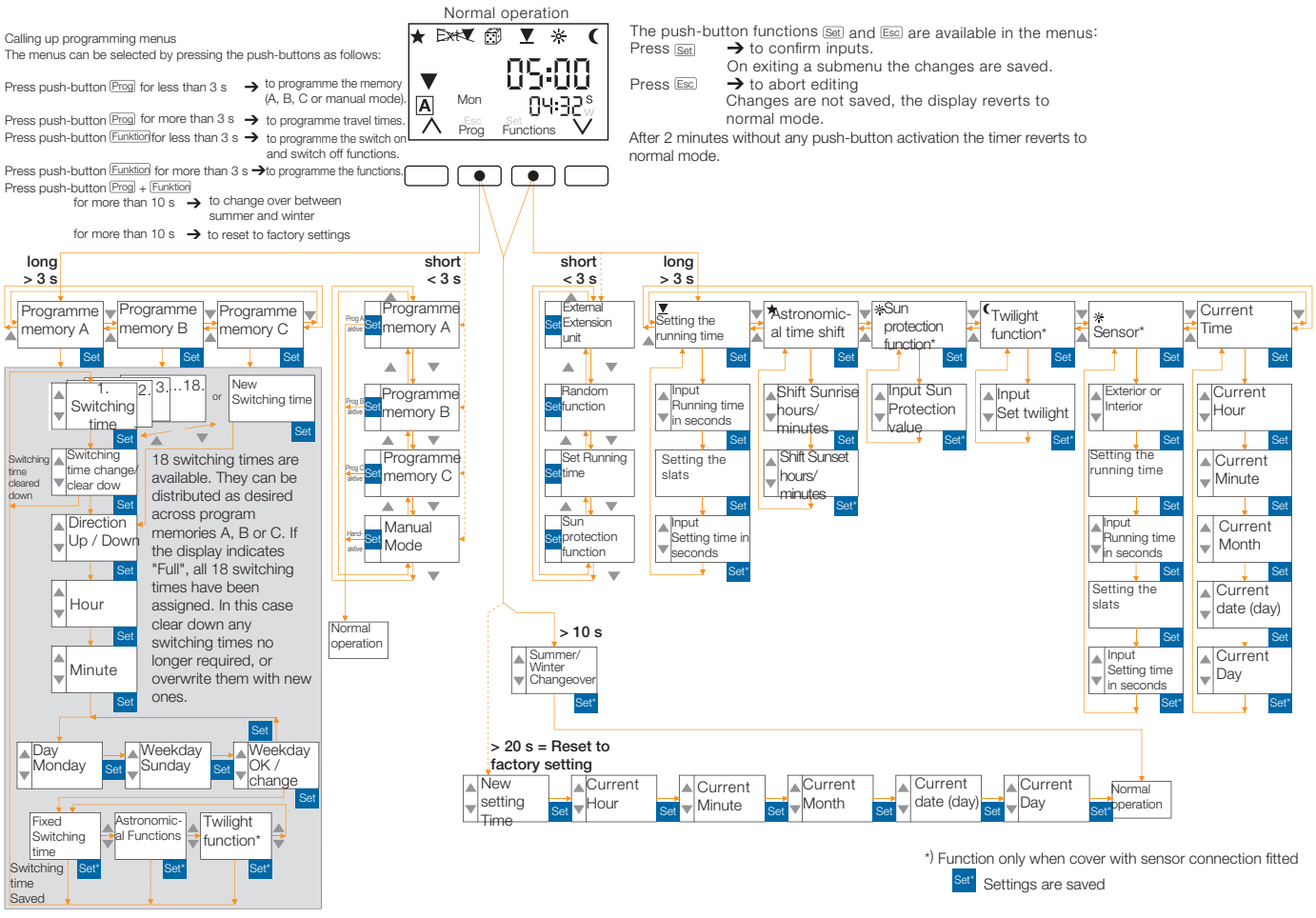


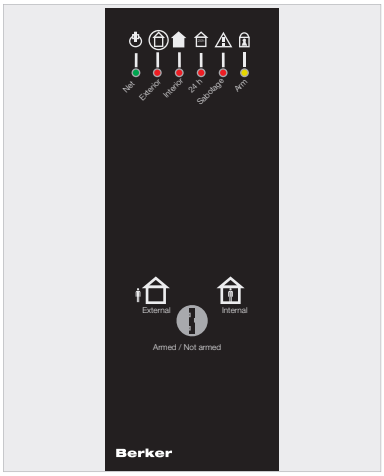
Technical data	RolloTec timer
Reversing time	min. 1 sec.
Accuracy	± 1 min. per month
Power reserve	approx. 4 hrs. (no battery required)
Switching times	max. 18 (in 3 programme memories)
Random generator	± 15 minutes
Astro programme	Adjustable by ± 2 hrs.
Running time programmable	1 sec. to 6 min. (default 2 min.)
Connection	Plug into RolloTec insert
Operating temperature	0 to 45 °C
Order No.:	1774.., 1775.. (with sensor connection)

Astronomic curve for RolloTec timer with adjustment for summer and winter time



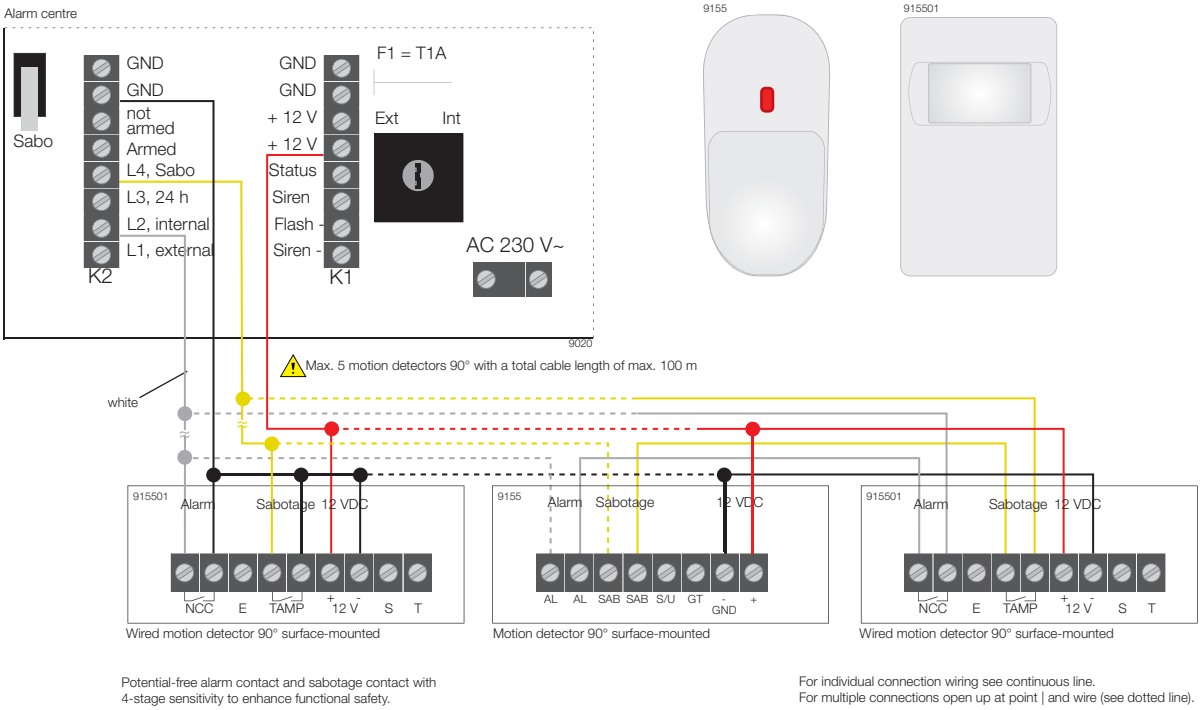
Programming the RolloTec timer comfort





The alarm centre permits the setup of a low-cost alarm system using only wired components, e.g. to protect apartments or smaller properties.

Technical data	Alarm system
Operating voltage	230 V~, 50 Hz or 12 V=
Current input	10 mA~ or 70 mA=
Emergency power supply	possible with Li battery pack: 14.4 V=, order no.: 921401
Output voltage for external devices	12 V=
Fuse for outputs flashing light and siren	T 1.25 A L
Loading capacity of the 12 V outputs	max. 1 A
Load capacity of alarm, status outputs	max. 10 mA
Buzzer volume	85 dBA at distance of 0.1 m
Pulse length for inputs	min. 0.4 sec.
Input switching	Closed < 4 kOhm Open > 100 kOhm
Siren duration	0 to 180 sec., adjustable
Arm/alarm delay	0 to 60 sec., adjustable
Operating temperature	0 to 50 °C
Index of protection	IP20
Dimensions (W x H x D)	165 x 215 x 48 mm
Order no.:	9020



Potential-free alarm contact and sabotage contact with 4-stage sensitivity to enhance functional safety.

For individual connection wiring see continuous line.
For multiple connections open up at point | and wire (see dotted line).

- Burglar alarm systems are used to signal attempts to break in as early as possible. They supplement mechanical security measures.
  All property protection is based on mechanical security measures such as strong doors and windows, additional bolts etc., which provide the greatest possible resistance against burglars.

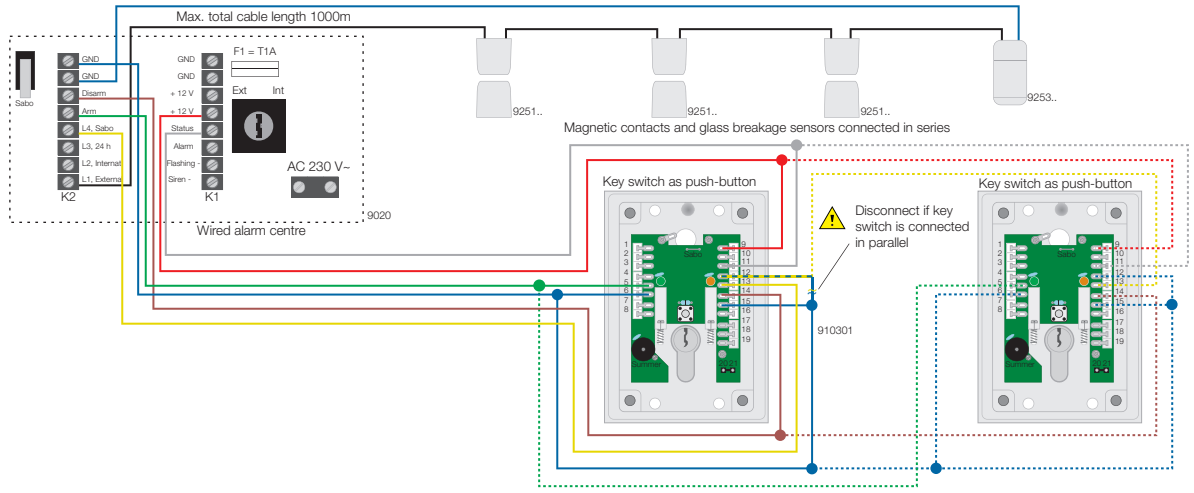
- Burglar alarm systems should be installed in such a way that they detect and signal the attempts to break in, e.g. damage to doors and windows, as quickly as possible.
  The control centre must be housed in a specially secured location.

- Burglar alarm systems must be installed in such a way that no false alarms are possible:
  - Every false alarm weakens a security system as it loses credibility.
  - False alarms can result in call-out costs.

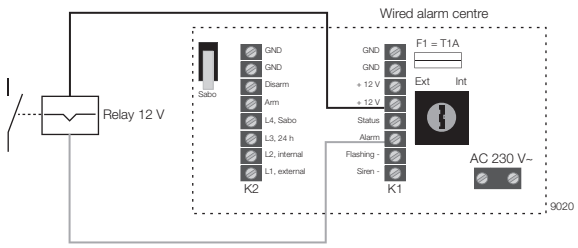
- Measures for prevention of false alarms:
  - Positive operation when armed, with alarm delay time: The alarm delay time means that, upon entering the property, you have time (adjustable between 0 and 60 seconds) to disarm the alarm centre before the alarm is triggered.
  - Selecting the position of motion detectors: Motion detectors should not be directed towards heating or air-conditioning equipment, fax machines, automatic lights, windows or areas with strong air movement. Temperature differences in these areas can trigger an alarm.
  - Passive glass breakage detectors on single glazing (these detectors are triggered when a coin is tapped against the window).

- All alarm system components accessible from outside must be protected against sabotage.
- Alarm sensors should be installed so as to be clearly visible but out of reach.
- Switching devices should be electronically protected against sabotage.

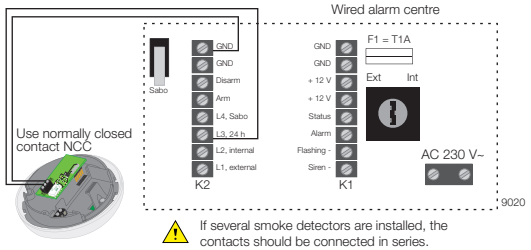
Key switch magnetic contacts and glass breakage sensors at wired alarm centre



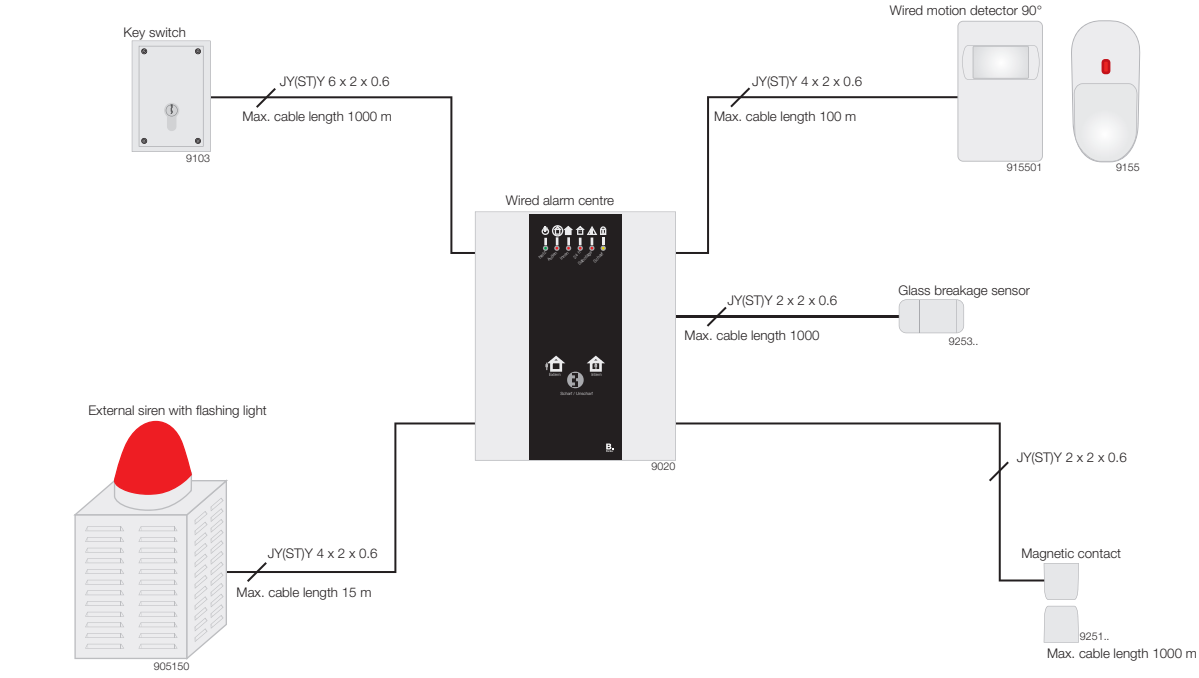
Relay for RolloTec and/or panic lighting at alarm centre

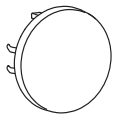
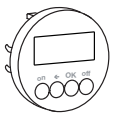
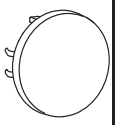
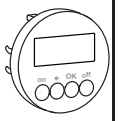
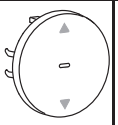
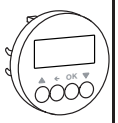
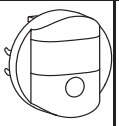
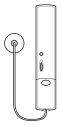


Smoke detector with relay module at alarm centre



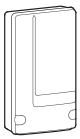
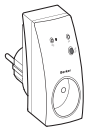
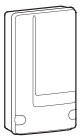
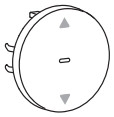
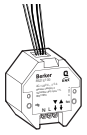
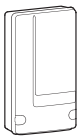
Recommended cable types for connection of wired components to wired alarm centre



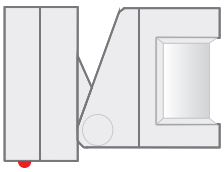
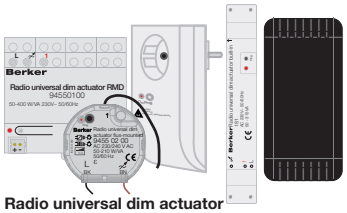
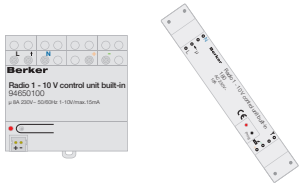
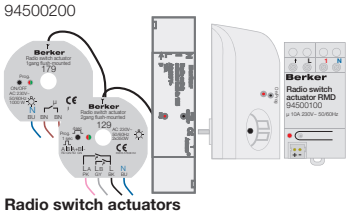
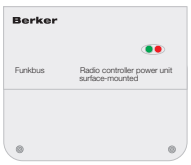
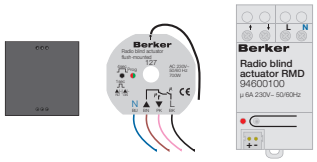
Transmitter function	Receiver function	Order no.	KNX radio button, quicklink 1-gang, 2-gang, 4-gang on dimmer insert on switch insert on both inserts	KNX radio motion detector comfort 1.1 / 2.2 m quicklink on dimmer insert on switch insert on both inserts	Radio timer quicklink
					
		Order no.	8514 51 xx /61 xx 8564 81 xx	8534 51 xx 8534 61 xx	8574 52 xx
KNX radio hand-held transmitter 2-channel; 4-channel; 6-channel; 18-channel KNX radio wall transmitter, 1-/2-gang, flat, solar quicklink KNX radio wall transmitter 1-/2-gang, flat, quicklink		8560 10/20 00 8560 30/31 00 8565 51/61 xx 8565 52/62 xx			
KNX radio button, quicklink 1-gang, 2-gang, 4-gang		8514 51 xx 8514 61 xx 8564 81 xx			
KNX radio timer, quicklink		8574 52 xx			
KNX radio blind button quicklink		8524 51 xx			
KNX radio blind time switch, quicklink		8574 51 xx			
KNX radio motion detector comfort 1.1 m quicklink KNX radio motion detector comfort 2.2 m quicklink KNX radio controller 220° AP KNX radio controller 220° AP solar		8534 51/61 xx 8536 51 00 8536 52 00 8536 51 99 8536 52 99			
KNX radio motion detector comfort 1.1/2.2 m on mains insert		8534 51 xx 8534 61 xx			
KNX radio switch actuator, 1-gang/binary input, 1-gang, flush-mounted, surface-mounted KNX radio blind actuator, 1-gang/binary input, 2-gang, flush-mounted KNX radio binary input, 2-gang, flush-mounted KNX radio binary input, 2-gang, 230 V, flush-mounted		8587 51 00 8586 51 00 8527 51 00 8587 61 00 8587 62 00			
KNX radio brightness sensor, surface-mounted		8580 11 00			
KNX radio magnetic contact		8580 12 00			

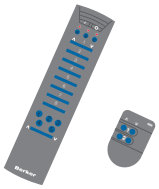
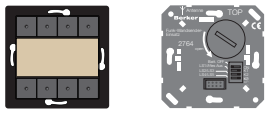
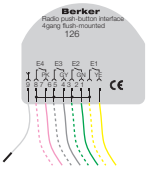
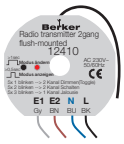
Functions through radio command

- On/off, toggling
- On
- Off
- On/off, dimming +/-
- On/off, dimming +
- On/off, dimming -
- On, dimming +
- Off, dimming -
- Scene 1 + 2
- Timer 1 s to 3 hrs.
- Contact closed, on, contact open, off
- Forced on
- Forced off
- 24 h repeat
- Move up, stop

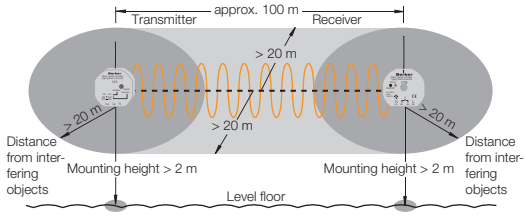
KNX radio switch actuator, 1 and 2-gang, surface-mounted	KNX radio Switch actuator for plugs	KNX radio switch actuator, 1-gang/binary input, 1-gang, flush-mounted, surface-mounted	KNX radio universal dim actuator, 1-gang, flush-mounted	KNX radio blind button, quicklink	KNX radio blind time switch, quicklink	KNX radio blind actuator, 1-gang/binary input, 2-gang, flush-mounted	KNW radio blind actuator, 1-gang, surface-mounted
							
8516 51 00 8516 61 00	8510 51 00	8587 51 00 8586 51 00	8547 51 00	8524 51 xx	8574 51 xx	8527 51 00	8526 51 00

- Move down, stop
- Contact closed, Up for max. 2 min, contact open, Down for 2 min
- Forced up
- Forced down
- Slave motion detector extension unit
- Delete (All the devices have the function)

Transmitter / Receiver	9420..  **Radio controller flat**	1740109  **Radio controller surface-mounted**	1829909  **Radio presence detector surface-mounted**
1760..  **BLC radio button**	■ For switch inserts: switch on at brightness approx. 0 … 80 lx/daytime operation programmable, with delay time 1 minute, retriggering ■ For dimmer inserts: switch on to saved memory value at brightness approx. 0 … 80 lx/daytime operation programmable, with delay time 1 minute, retriggering	■ For switch inserts: switch on at brightness < 80 Lux, with 1 minute delay time, retriggering ■ For dimmer inserts: switch on to saved memory value when brightness < 80 Lux, with 1 minute delay time, retriggering	Only for BLC radio buttons with imprint R2 or higher ■ Switching On/Off depending on brightness and movement, switch-on time and required brightness value programmabler ■ With BLC dimmer inserts constant light control
128 / 181 / 1781009 / 94550100 / 94550200  **Radio universal dim actuator**	■ Switch on to saved memory value at brightness approx. 0 … 80 lx/daytime operation programmable, with delay time 1 minute, retriggering	■ Switch on to saved memory value when brightness < 80 Lux, with 1 minute delay time, retriggering	Only for radio universal dim actuator with imprint R2 (or higher) and RMD ■ Switching On/Off depending on brightness and movement, switch-on time and required brightness value programmabler ■ Constant light control
180 / 94650100  **Radio 1 - 10 V control unit built-in**	■ Switch on to saved memory value at brightness approx. 0 … 80 lx/daytime operation programmable, with delay time 1 minute, retriggering	■ Switch to saved memory value when brightness < 80 Lux, with 1 minute delay time retriggering	Only for radio control units with imprint R2 or higher (except RMD) ■ Switching On/Off depending on brightness and movement, switch-on time and required brightness value programmabler ■ Constant light control
179 / 129 / 125 / 1789909 / 94500100 / 94500200  **Radio switch actuators**	■ Switch on at brightness approx. 0 … 80 lx/ daytime operation programmable, with delay time 1 minute, retriggering	■ Switch on at brightness < 80 Lux, with 1 minute delay time, retriggering	Only for radio switch actuator with imprint R2 or higher (except RMD) ■ Switch on/off depending on brightness and movement, switch-on time and required brightness value programmable
17950  **Radio push-button actuator**	■ Impulse with adjustable brightness approx. 0 … 80 lx/daytime operation, not after-triggering	■ Impulse with adjustable brightness approx. 0 … 80 lx/daytime operation, not after-triggering	
17509  **Radio controller power unit surface-mounted**	■ Switch on at brightness approx. 3 - 80 Lux programmable, with programmable delay time 10 sec. - 15 min. retriggering	■ Switch on at brightness approx. 3 - 80 Lux programmable, with programmable delay time 10 sec. - 15 min. retriggering	Only for radio controller power pack with imprint R2 or higher ■ Switch on at brightness < 3 - 80 Lux programmable, with programmable delay time 10 sec. - 15 min. retriggering
1758.. / 1759.. / 127 / 94600100  **RolloTec radio button** **Radio blind actuator flush-mounted and RMD**			

2766 / 2769	2764 / 2721.. / 2722.. / 2723.. / 2724..	126	12410
			
Radio hand-held transmitter comfort / mini	**Radio wall transmitters, flat Radio transmitter insert**	**Radio push-button interface 4gang flush-mounted**	**Radio transmitter 2gang flush-mounted**
■ Switching ■ Dimming Comfort hand-held transmitter only ■ Retrieve light scenes ■ Master dimming function ■ All on/off central functions	Depending on setting ■ Switching ■ Dimming ■ Retrieve light scenes (Storage can be blocked in flat transmitter) ■ All on/off central functions	Depending on setting ■ Switching ■ Dimming ■ Retrieve light scenes ■ All on/off central functions	Depending on setting ■ Switching ■ Dimming
■ Switching ■ Dimming Comfort hand-held transmitter only ■ Retrieve light scenes ■ Master dimming function ■ All on/off central functions	Depending on setting ■ Switching ■ Dimming ■ Retrieve light scenes (Storage can be blocked in flat transmitter) ■ All on/off central functions	Depending on setting ■ Switching ■ Dimming ■ Retrieve light scenes ■ All on/off central functions	Depending on setting ■ Switching ■ Dimming
■ Switching ■ Dimming Comfort hand-held transmitter only ■ Retrieve light scenes ■ Master dimming function ■ All on/off central functions	Depending on setting ■ Switching ■ Dimming ■ Retrieve light scenes (Storage can be blocked in flat transmitter) ■ All on/off central functions	Depending on setting ■ Switching ■ Dimming ■ Retrieve light scenes ■ All on/off central functions	Depending on setting ■ Switching ■ Dimming
■ Switching Comfort hand-held transmitter only ■ Retrieving light scenes (on/off) ■ All on/off central functions	Depending on setting ■ Switching ■ Retrieve light scenes (Storage can be blocked in flat transmitter) ■ All on/off central functions	Depending on setting ■ Switching ■ Buttons (see bell operation) ■ Retrieving light scenes (on/off) ■ All on/off central functions	Switch setting ■ Switching ■ Buttons (see bell operation)
■ Actuator contacts close for the duration of the activation max. 12 seconds	■ Actuator contacts close for the duration of the activation max. 12 seconds	■ Actuator contacts close for the duration of the activation max. 12 seconds	■ Actuator contacts close for the duration of the activation max. 12 seconds
■ Switch on for delay time ■ Switch ON/OFF for 2 hours (party function)	Depending on setting ■ Switch on for delay time ■ Switch ON/OFF for 2 hours (party function))	Depending on setting ■ Switch on for delay time ■ Switch ON/OFF for 2 hours (party function)	Switch setting ■ Switch on for delay time ■ Switch ON/OFF for 2 hours (party function)
■ Open close blind ■ Slat adjustment Comfort hand-held transmitter only ■ Retrieve light scenes open/close end positions ■ All OPEN/CLOSE end position central functions	Depending on setting ■ Open close blind ■ Slat adjustment ■ Retrieve light scenes open/close end positions ■ All OPEN/CLOSE end position central functions	Depending on setting ■ Open close blind ■ Slat adjustment ■ Retrieve light scenes open/close end positions ■ All OPEN/CLOSE end position central functions	Depending on setting ■ Open close blind ■ Slat adjustment

Free field definition



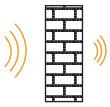
Dependence of transmission range on mounting height	
Theoretical transmission range	Receiver mounting height
100 m	> 2 m
56 m	1.5 m
34 m	1.0 m
28 m	0.8 m
23 m	0.6 m
18 m	0.4 m
13 m	0.2 m

In every property in which the Radio Bus is to be installed there are favourable and unfavourable locations for the installation of appliances. In borderline cases the selection of the installation location can be decisive in determining the proper functioning of a radio link. Consequently, the following criteria should be taken into account in planning and installation:

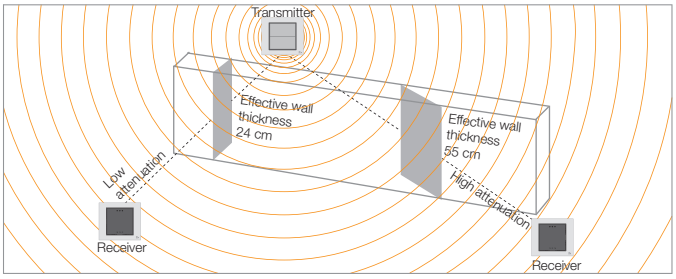
Preconditions for measurement of the free field range
- level floor.
- horizontal distance of interfering objects from any point along the straight-line transmitter - receiver path > 20 m.
- height of transmitter/receiver > 2 metres above the floor.
- optimum alignment of aerial (stretched out straight).
- damp ground.

- Penetration of radio signals

Material	Penetration
Wood, plaster, unlaminated glass	approx. 90 %
Brick, pressboard panels	approx. 70 %
Reinforced concrete	approx. 30 %
Metal, metal grilles, aluminium laminations	approx. 10 %
Rain, snow	approx. 0 - 40 %

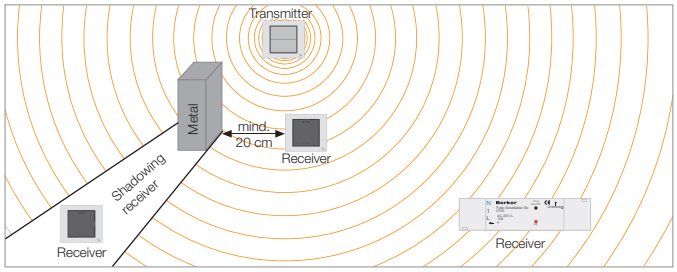


- The link between the transmitter and the receiver should be chosen such that it runs for as short a distance as possible through masonry or other attenuating materials. Wall niches, in particular, should be avoided.



- The mounting height of transmitters and receivers should not be below 50 cm.
- The distance between transmitters and receivers should be at least 1 m and at least 10 cm between receivers.
- As far as possible all transmitter and receiver aerials should be aligned vertically or horizontally.
- Do not shorten, extend or strip the aerials as they are precisely co-ordinated to the wavelength of the signal frequency.
- A minimum distance of 3 m should be maintained to radio components of other function groups, e.g. radio headphones or radio telephones.
- Computers, audio/video systems, microwaves or electronic transformers and ballasts are high-frequency interference sources. Maintain a minimum distance of 50 cm to these units wherever possible.
- Transmitters or receivers which handle centralised tasks building-wide (e.g. ALL OFF or central shutter control) should also be placed at a central location whenever possible. Unfavourable links running diagonally through the entire building should be avoided.
- If reception is irregular, it is often sufficient to move the transmitter or receiver by just a few centimetres. This reception interference often occurs due to partitioning, obliteration or reflection of the radio signal, as is familiar from car radios and mobile phones for example.

- The distance to large metal surfaces, e.g. metal doors and frames, aluminium blinds or metal cupboards should be as large as possible (several decimetres).

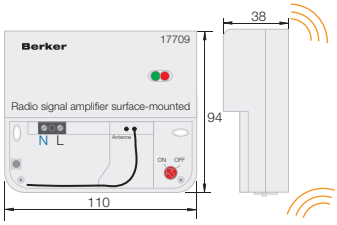


- Do not install transmitters and receivers behind metallic or conductive surfaces, e.g. anti-static floor, insulation with metal laminating, cable lines, metal louvered ceilings, panels containing carbon fibres, hot water heaters, electric underfloor heating systems etc.
  Remedy: If possible lead the aerial through the material.
- Windows with heat insulating glass based on metal insulation severely attenuate or reflect radio signals.
- Damp in ceiling and walls, or snow in outdoor areas, severely attenuates or reflects radio signals.
- Radio reception can be checked at any time prior to installation using a transmitter and a receiver. The state of completion of the building should be taken into account, e.g. dryness of plaster and floor paving or presence of doors and cladding.
- To prevent superimposition of telegrams, radio actuators may not be used to actuate any other radio transmitters.
- Radio telegrams within a "radio zone" should only be repeated using a radio signal amplifier as otherwise telegram superimposition can occur.
  The signal amplifier should be a minimum distance of 1 m from transmitters and receivers to prevent overloads.
- No more than 8 radio presence detectors should be used within a "radio zone". If there is constant presence in the detection range, the telegram frequency could result in telegram superimposition in the radio channel.
- The radio presence detector may only be operated with alkaline batteries, as they are the only ones with sufficient pulse current carrying capacity.
- The connecting cables for the radio push-button interface may only by extended to a maximum of 5 m using twisted pair cables with a cross-section of approx. 0.2 mm^2 per channel.

Radio signal amplifier

If a link is subject to a high degree of attenuation, or if the 100 metre radio range is insufficient, rendering transmission of the radio signals impossible, a radio signal amplifier can be installed at around half range as a repeater. It can amplify up to 60 transmission channels. All radio telegrams of the Radio Bus system are understood, but only the taught-in ones are amplified. Cascading of radio signal amplifiers is not possible. That is to say, radio signal amplifiers do not amplify radio telegrams from other radio signal amplifiers.

⚠ The Radio Bus planning instructions must be followed



Technical data	Radio signal amplifier surface-mounted order no. 17709
Power supply unit	230 V~, 50/60 Hz
Standby power consumption	approx. 1.10 W
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA states)	Yes
Radio codes (assigned once per channel)	> 1 billion
Number of radio codes (channels) to amplify	60
Radio interference suppression	according to EN 55015
Operating temperature	-20 to 55 °C
Index of protection	IP20
Terminals	Screw-type terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2
Dimensions (L x W x H)	110 x 38 x 94 mm

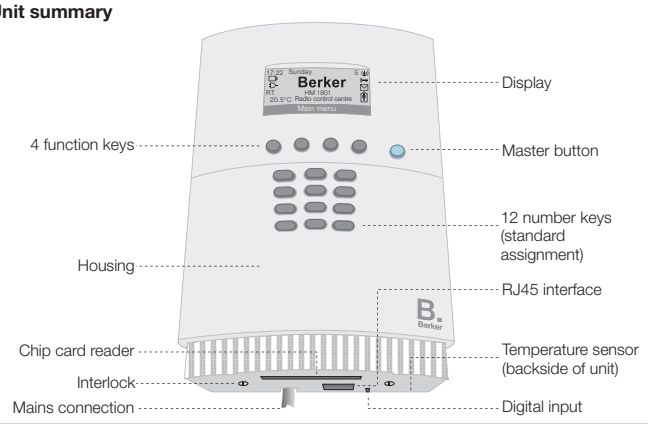
Radio Bus control centre HM 1801

The unit is used as a radio control centre for all Radio Bus transmitters and actuators (except radio controller power pack and KNX radio receiver). The HM 1801 expands the radio installation, e.g. to include timer controlled and automated functions for lighting and shutter/awning control.
Radio Bus components can be actuated and linked. Data backup and any software updates are carried out using chip cards – additional connections permit future functions to be added.

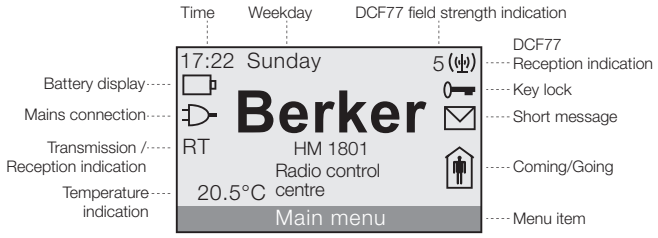
Functions

- Commissioning assistant
- Menu-driven operation with function keys
- Save and retrieve the last status by using the coming in/going out function.
- Easy operation and short messages via text-based illuminated display
- Accurate time controls with integrated radio clock (DCF77)
- Indication of time and room temperature
- Integrated Piezo buzzer with adjustable volume
- Key lock similar to mobile phone
- Save and load configurations/programmes using chip card
- Integrated radio signal amplifier function
- Transmitters and receivers can be taught in battery mode
- Emergency power supply
- Master functions such as ALL ON and ALL OFF (panic button)
- Switch and call up dimmer values
- Rapid selection of light scenes using number keys
- Easy configuration thanks to preset texts
- Teaching-in and testing of Radio Bus transmitters
- Battery low display for Radio Bus transmitters
- Lock and unlock radio control sections by time or radio transmitter
- Random time control, e.g. to simulate presence in building
- Time control for blind with running time setting
- Time-dependent controller monitoring
- Configuration lock for reprogramming using PIN

Unit summary



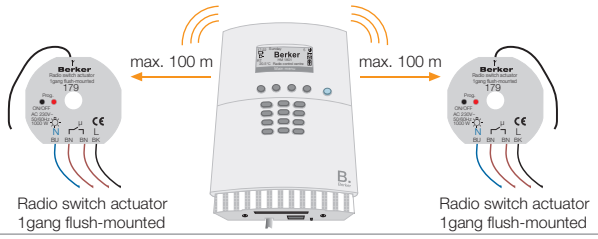
Display (initial display)



Ranges/mounting location

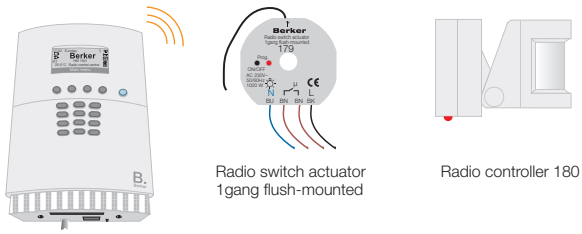
⚠ Always follow the Radio Bus planning instructions!

The range always depends on the local conditions. When choosing the mounting location, ensure that the display can be read without glare and that there is a DCF77 reception.



Example of use: time-dependent controller monitoring

The garden lighting is to be operated by the controller after a particular time:
Using the menu system in the display, specify a time as a condition in the HM 1801 linking function. In addition, set the delay time for the actuator.



Technical data	
Power supply unit	230 V~, 50/60 Hz
Emergency power supply (batteries)	5 x Micro Alkaline (LR 03)
Battery life	approx. 6 hours in continuous operation without the mains
Symbol flashing battery in display	Change batteries
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA countries)	Yes
Number of channels	32 transmitters / 32 receivers
System radio codes	> 1 billion
Signal amplifier	Integrated, max. 100 m, not cascadable
Mains cable	H 03 V V-F, 2 x 0.75

Radio Bus control centre HM 1801 order no. 2700	
Controls	4 function keys, master button, 12 number keys
Display	LC, 7 lines x 20 characters, illuminated
Radio clock	DCF 77
Buzzer	Piezo, ≥ 65 dB(A)
Interfaces	Chip card reader RJ45 socket
Radio interference suppression	according to EN 55015
Operating temperature	4 to 40 °C
Index of protection	IP20
Dimensions (L x W x H)	230 x 140 x 50 mm
Additional HM1801 master card	
Order No.:	2700 01

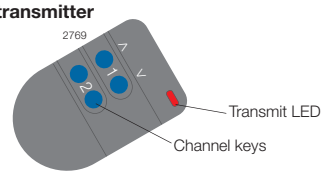
Mini hand-held radio transmitter

The Mini hand-held radio transmitter permits cordless remote control. When a key is pressed, an encrypted radio telegram is sent, which is understood by all the radio receivers in the Radio Bus system.

2 channels can be used for on/off, brighter/darker or up/down commands

Mini hand-held radio transmitter

⚠ The Radio Bus planning instructions must be followed.



Technical data	Mini hand-held radio transmitter order no. 2769
Power supply unit	3 V=
Batteries	1 x lithium coin cell (type CR20 32)
Battery life	approx. 3 years
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 30 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA states)	Yes
Number of channels	2
Radio codes (assigned once per channel)	> 1 billion
Operating temperature	0 to 55 °C
Dimensions (L x W x H)	73 x 40 x 19 mm

Radio hand-held transmitters comfort

Radio hand-held transmitters permit cordless remote control. When a key is pressed, an encrypted radio telegram is sent which is understood and evaluated by all the radio receivers in the Radio Bus system.

Three groups (A, B, C) are available, each with 8 channels (1, .., 8), meaning 24 radio channels can be used for on/off, lighter/darker or up/down commands.

Touch functions are called up for on/off, brighter/darker or up/down commands or special functions "All Off" or "Light Scene".

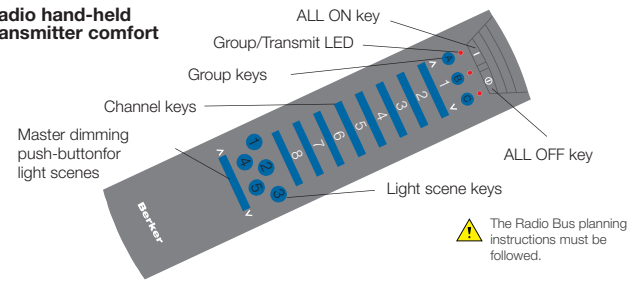
With the radio hand-held transmitter comfort, 5 light scenes can be stored and retrieved.

A light scene may be composed of:

- fixed dimming value for lighting (approx. 10 % to 100 % brightness), and/or
- fixed switching state of a load (e.g. fan, light on/off), and/or
- fixed end position of a shutter (shutter up / down).

When using BLC dimmer inserts with BLC radio buttons, radio dimmers built-in or radio button control unit 1-10 V, the master dimming push-button is used to make an entire light scene lighter/darker or switch it off.

Radio hand-held transmitter comfort



Technical data	Radio hand-held transmitter comfort order no. 2766
Power supply unit	6 V=
Battery	4 x micro, alkaline (LR 03)
Battery life	approx. 3 years
Repeated flashing of all LEDs when transmitting	batteries flat, replace
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA states)	YES
Number of channels	24 in 3 groups A, B, C
Radio codes (assigned once per channel)	> 1 billion
Light scenes	5
Operating temperature	0 to 55 °C
Dimensions (L x W x H)	192 x 53 x 23 mm

Radio wall transmitter flat

The flat radio wall transmitter flat permits cordless, permanently installed remote control in electrical installations.

When a key is pressed, the flat transmitter sends an encrypted radio telegram, which is understood and evaluated by all the radio receivers in the Radio Bus system.

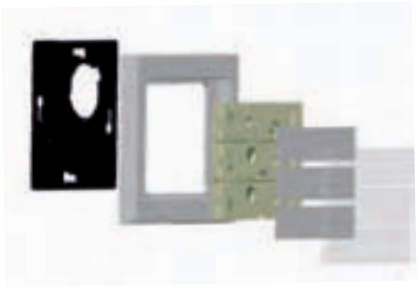
The keys can operate in pairs as rockers (for on/off, brighter/darker or up/down commands) or activate special "All Off" or "Light Scene" functions.

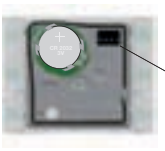
The Radio wall transmitter flat is fitted with a 4gang function switch "S", which is used to select the push-button function and to save the light scenes (see illustration).

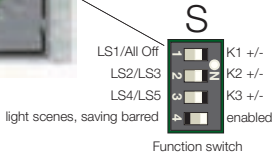
The Radio wall transmitter flat can be screwed or stuck to a flat base (wood, plaster, glass, mirror etc.) as well as to appliance sockets with a frame.
When fitting on glass, adhesive foil order no. 9498 xx xx can be fitted to the backside as a sight screen.

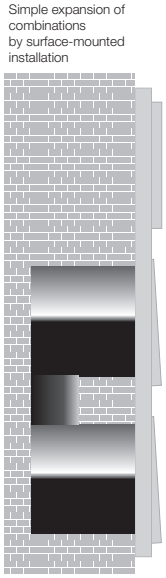
Technical data	Radio wall transmitter flat order no. 2721.., 2722.., 2724..
Power supply unit	3 V=
Battery	1 x lithium coin cell (type CR20 32)
Battery life	approx. 3 years
Repeated flashing of all LEDs when transmitting	battery flat, replace
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA states)	Yes
Number of channels	1, 2, 3 or 4 depending on the type
Radio codes (assigned once per channel)	> 1 billion
Light scenes	1, 3 or 5 depending on setting and type
Operating temperature	0 to 55 °C
Index of protection	IP20

Radio wall transmitter flat









Radio transmitter insert wall-mounted

The Radio transmitter insert wall-mounted permits cordless but permanently installed remote control in electrical installations. It can be operated in combination with KNX/EIB push-buttons (1, 2 or 4gang) of the MODUL 2, S.1, B.1, B.3, B.7, Q.1, Q.3, K.1, K.5 and ARSYS ranges.

When a key is pressed, the Radio transmitter wall-mounted sends an encrypted radio telegram, which is understood and evaluated by all the radio receivers in the Radio Bus system.

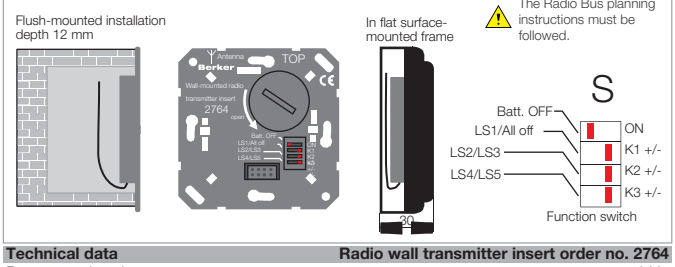
The keys can operate in pairs as rockers (for on/off, brighter/darker or up/down commands) or activate special "All Off" or "Light Scene" functions.

The Radio transmitter wall-mounted is fitted with a 4gang function switch "S", which is used to select the push-button function (see illustration).

The Radio transmitter wall-mounted can be installed in flush-mounted wall boxes, cavity wall sockets or flat surface-mounted housings with frames.

To achieve the maximum transmission range, the aerial should be exposed and fully stretched out, and be as far as possible from the wall-mounted radio transmitter.

Radio transmitter insert wall-mounted



Technical data	Radio wall transmitter insert order no. 2764
Power supply unit	6 V=
Batteries	2 x lithium coin cells (type:CR2032)
Battery life	approx. 3 years
Repeated flashing of all LEDs when transmitting	batteries flat, replace
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA states)	Yes
Number of channels	1, 2, 3 or 4 depending on push-button
Radio codes (assigned once per channel)	> 1 billion
Light scenes	5 according to setting
Operating temperature	4 to 55 °C
Index of protection	IP20
Insertion depth	12.3 mm

Radio transmitter 2gang flush-mounted

The Radio transmitter 2gang flush-mounted is used to expand existing installations by permitting the wireless transmission of switching, pushing, dimming and shutter commands. The radio telegram is understood and evaluated by all the radio receivers in the Radio Bus system. The Radio transmitter 2gang flush-mounted has 4 operating modes:

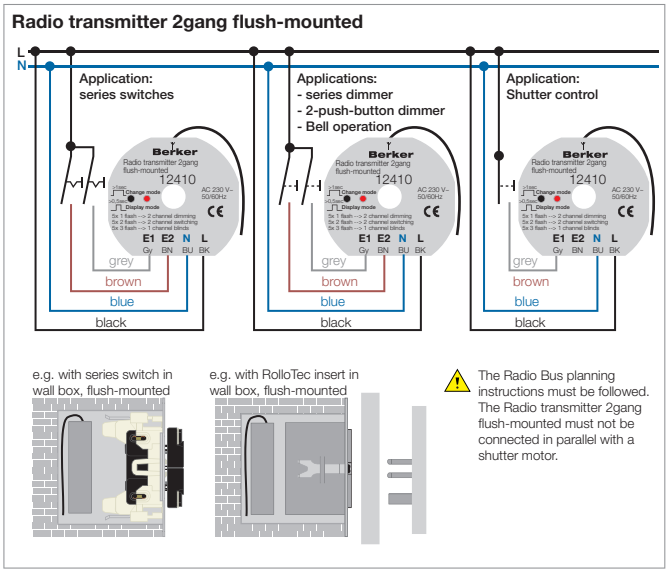
Mode A: 2-channel dimming single-surface operation (toggling), application: series dimmers
The Radio transmitter 2gang flush-mounted sends one dimming/toggle command per channel, with a series push-button with 2 NO contacts for example.
Short actuation (< 1s): switch on/off
Long actuation (> 1 s): brighter/darker
Note: the telegram type (on/off, brighter/darker) is toggled in the transmitter. The Radio transmitter 2gang flush-mounted may therefore have to be actuated twice in order to obtain the desired reaction after it is been operated on the receiver or by a different transmitter.

Mode B: 2-channel switching; application: series switch
The Radio transmitter 2gang flush-mounted sends each channel a switch-on command when the voltage is connected, and a switch-off command when it is disconnected. Activation e.g. by: series switch = series switching. If activated by a time switch, a presence can be simulated.

Mode B: 2-channel switching; application: push-button/bell operation
The Radio transmitter 2gang flush-mounted sends an ON command when the push-button (NO contact) is pressed and an OFF command when it is released.
Note: This operating mode is not suitable for activation of radio push-button actuators.

Mode C: 1-channel dimming double-surface operation
Application: 2-push-button dimmer
The Radio transmitter 2gang flush-mounted sends on/off dimming telegrams (brighter/darker) for one channel. Activation: e.g. series switch with 2 NO contacts
Actuation: E1 < 1 s: switch on
E1 > 1 s: brighter
E2 < 1 s: switch off
E2 > 1 s: darker
Note: a long actuation (> 1 s) when the load is switched off causes switching on to minimum brightness (night light).

Mode D: 1 channel blind double-surface operation
Application: blind control
The flush-mounted radio transmitter with L conductor sends up/down shutter telegrams (short-term/long-term mode) for one channel.
Activation: e.g. by RolloTec insert
Activation: E1 > 1 s: Slat adjustment Up
E1 < 1 s: move Up (2 min)
E2 > 1 s: Slat adjustment Down
E2 < 1 s: move Down (2 min)
Note: The Radio transmitter 2gang flush-mounted must not be connected in parallel to a blind motor.



Technical data	Radio transmitter 2gang flush-mounted, order no. 12410
Power supply unit	230 V~, 50/60 Hz
Standby power consumption	approx. 0.49 W
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA states)	Yes
Number of channels	1 or 2 depending on operating mode
Radio codes (assigned once per channel)	> 1 billion
Radio interference suppression	according to EN 55015
Operating temperature	-20 to 55 °C
Index of protection	IP20
Conductor length	approx. 210 mm
Dimensions (Ø x H)	52 x 23 mm

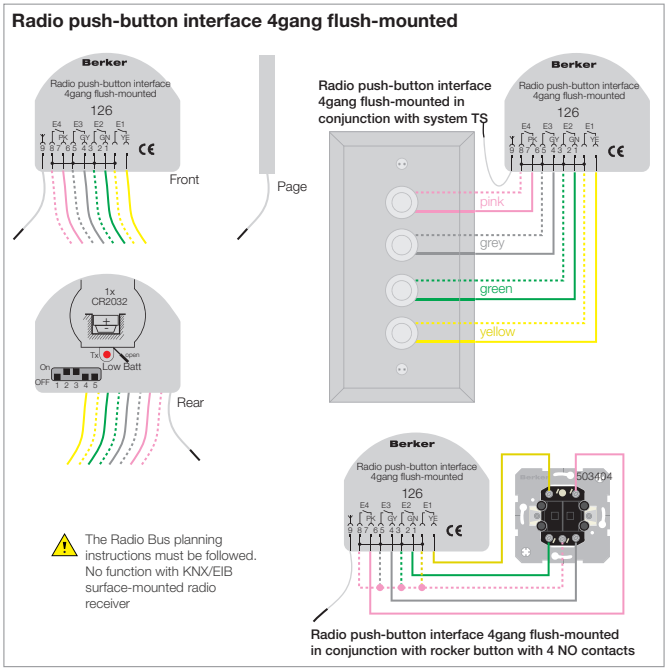
Radio push-button interface 4gang flush-mounted

The Radio push-button interface 4gang flush-mounted upgrades an existing installation by cordless transmission of dimming, switching, shutter control and light scene commands. Inputs E1-E4 are activated via potential-free switching and/or push contacts. The radio telegram is understood and evaluated by all the radio receivers in the Radio Bus system.

Activation: switches; application: 2 series switches
The Radio push-button interface 4gang flush-mounted sends a switch-on command to each channel when the switch is closed and a switch-off command when it is opened. Activation e.g. by 2 series switches produces 2 series connections.
The special "bell operation" function is possible with a push-button.

Activation: push-buttons; application: 4gang push-button or TS system. The Radio push-button interface 4gang flush-mounted sends the switching, dimming, shutter control or light scene commands for channels depending on the DIP switch setting (see table).

Technical data	Radio push-button interface 4gang flush-mounted order no. 126
Power supply unit	3 V=
Battery	1 x lithium coin cell (type CR20 32)
Battery life	approx. 3 years
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
R&TTE approval (for EU and EFTA states)	Yes
Number of channels	2 or 4 depending on mode
Radio codes (assigned once per channel)	> 1 billion
Light scenes	max. 4 depending on setting
Operating temperature	5 to 55 °C
Index of protection	IP20
Conductor length	approx. 290 mm, extendable to max. 5 m
Dimensions (L x W x H)	44 x 40 x 11mm



Nr.	Dip1	Dip2	Dip3	Dip4	Dip5	Input 1 (E1)	Input 2 (E2)	Input 3 (E3)	Input 4 (E4)	Activation
0	0	0	0	0	0	1-area Switching/Dimming E1=K1, E2=K2, E3=K3, E4=K4				Push-button
1	0	0	0	1	0	2-area Switching/Dimming/Shutters E1+E2=K1; E3+E4=K2				Push-button
2	0	0	1	0	0	1-area Switching E1=K1, E2=K2, E3=K3, E4=K4				Switch
3	0	0	1	1	0	1-area Switching E1=K1, E2=K2, E3=K3, E4=K4				Switch
4	0	1	0	0	0	All ON	All OFF	Light scene 1	Light scene 2	Push-button
5	0	1	0	0	1	All OFF	Light scene 1	Light scene 2	Light scene 3	Push-button
6	0	1	0	1	1	All OFF	Light scene 3	Light scene 4	Light scene 5	Push-button
7	0	1	0	1	1	Light scene 1	Light scene 2	Light scene 3	Light scene 4	Push-button

BLC radio button

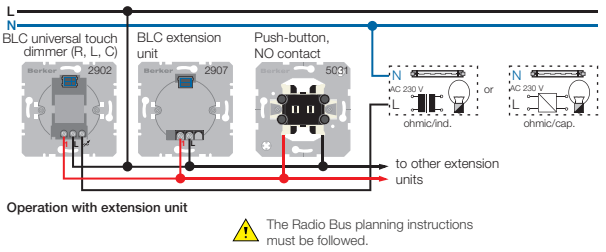
The lighting can be switched on/off manually at the radio button or via a radio transmitter with BLC switch inserts, and it can also be made brighter/darker with BLC touch dimmers. The desired switch-on brightness can be stored in touch dimmers, and is retrieved for every switch-on command (memory value).

Light scene operation is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface 4gang flush-mounted and HM 1801. If light scenes are assigned (taught-in) to the BLC radio button, the desired brightness value in BLC touch dimmers and the switching state in BLC inserts can be stored and set when a light scene is called up.

Pressing the ALL OFF / ALL ON push-button on a taught-in hand-held radio transmitter, a radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM1801 switches the load on or off.

When a radio signal is received by the radio controller, it is switched on for approx. 1 minute (retriggering), and in BLC touch dimmers the memory value is set.

BLC radio button e.g. with BLC universal touch dimmer



Technical data	BLC radio button order No. 1760..
Power supply unit	from flush-mounted insert
Standby power consumption	approx. 0.68 W
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Operating temperature	4 to 55 °C
Index of protection	IP20

Radio universal corded dim actuator/Radio universal dim actuator built-in

The lighting can be switched on/off manually at the device or via a radio transmitter or via BLC extension units, and made brighter/darker via a radio transmitter and BLC extension unit. The desired switch-on brightness can be stored in touch dimmers, and is retrieved each time a switch-on command is given (memory value).

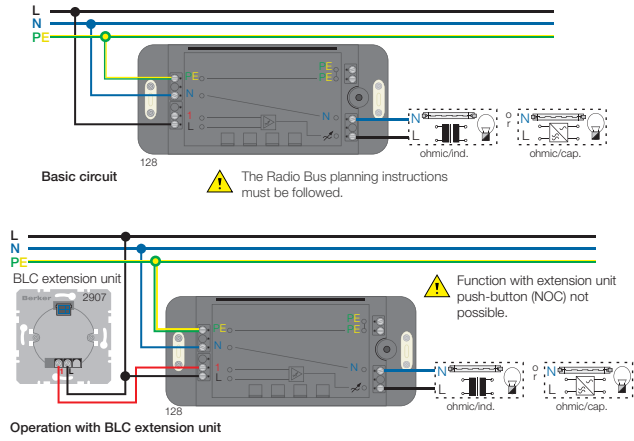
Light scene operation is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface 4gang flush-mounted and HM 1801. If light scenes are assigned (taught-in) to the Radio universal corded dim actuator/Radio universal dim actuator built-in, the desired brightness value can be stored and set when a light scene is called up.

Pressing the ALL OFF / ALL ON push-button on a taught-in hand-held radio transmitter, a radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM1801 switches the load on or off.

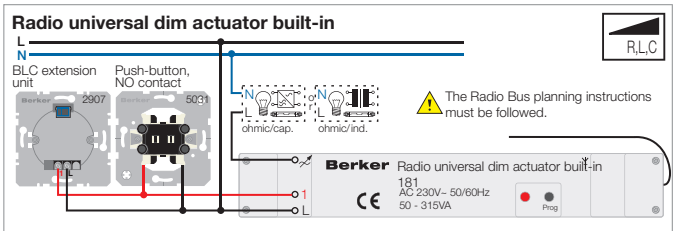
When a radio signal is received by the radio controller, the memory value is set for approx. 1 minute (retriggering).

The Radio universal corded dim actuator and the Radio universal dim actuator built-in are protected against short-circuit by an electronic circuit-breaker with automatic restart following elimination of the fault. They are protected against overload by low-noise power reduction and have a bulb-preserving soft start function.

Radio universal corded dim actuator



Radio universal dim actuator built-in



Technical data	Radio universal dim actuator built-in order no. 181
Power supply unit	230 V~, 50/60Hz
Connected load	230 V Incandescent and halogen lamps 50-315 W (ohmic, phase cut-off) Tronic transformers 50-315 W (capacitive, phase cut-off) Conv. transformers (min. 85 % load) Total load 50-315 W including transformer power loss may not exceed 315 VA (inductive load, phase cut-on). Mixed loads of specified load types (no combination of capacitive and inductive loads)
Tronic or power boosters built-in (R, L) according to type of load	max. 10
Dimming principle	Phase cut-on or cut-off depending on load type
Standby power consumption	approx. 0.65 W
Switch-on	Bulb-preserving soft start
No. of extension units	Any number of BLC extension units
Noise	Very low noise
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Short-circuit-proof	Cut-out with auto. restart
Overheating protection	Electronic protection (no change-over) by means of autom. cut-out
Radio interference suppression	to EN 55015
Operating temperature	0 to 55 °C
Index of protection	IP20
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²
Dimensions (L x W x H)	188.5 x 28 x 28 mm

Technical data	Radio universal corded dim actuator order no. 128
Power supply unit	230 V~, 50/60Hz
Connected load	230 V Incandescent and halogen lamps 50-315 W (ohmic, phase cut-off) Tronic transformers 50-315 W (capacitive, phase cut-off) Conv. transformers (min. 85 % load) Total load 50-315 W including transformer power loss may not exceed 315 VA (inductive load, phase cut-on). Mixed loads of specified load types (no combination of capacitive and inductive loads)
Tronic or power boosters built-in (R, L) according to type of load	max. 10
Dimming principle	Phase cut-on or cut-off depending on load type
Standby power consumption	approx. 0.63 W
Switch-on	Bulb-preserving soft start
No. of extension units	Any number of BLC extension units
Noise	Very low noise
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Short-circuit-proof	Cut-out with auto. restart
Overheating protection	Electronic protection (no change-over) by means of autom. cut-out
Radio interference suppression	to EN 55015
Operating temperature	0 to 55 °C
Index of protection	IP20
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²
Dimensions (L x W x H)	125.7 x 59.6 x 29.6 mm

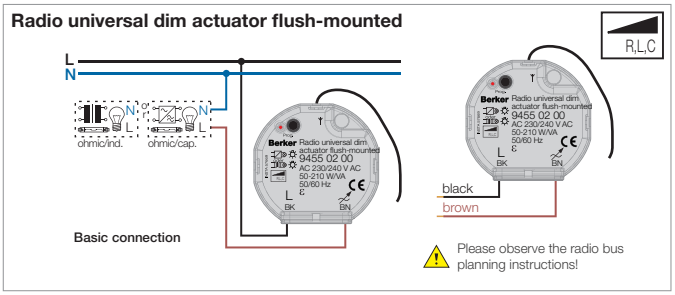
Radio universal dim actuator flush-mounted

The lighting can be switched on/off manually on the device or via radio transmitter, and dimmed via radio transmitter.
The desired switch-on brightness value can be saved, and is called up with every switch-on command (memory value).

The radio hand-held transmitter comfort, radio wall-transmitter, radio push-button interface, 4gang flush-mounted and HM 1801 can be used for light scene operation. If light scenes have been assigned (taught) to the radio universal dimmer flush-mounted, then the desired brightness value can be saved, which is set when a light scene is called up.

Pressing the ALL OFF button/ALL ON button of a taught radio hand-held transmitter, radio wall transmitter, radio push-button interface, 4gang flush-mounted and HM 1801 causes the load to be switched off/on.

When a taught radio signal of the radio controller is received, the memory value is set for approx. 1 min. (retriggering).



Technical data	
Power supply	230 V~, 50/60Hz
Connected load	230 V incandescent lamps and halogen lamps 50-210 W (ohmic, phase cut-off) Tronic transformers 50-210 W (capacitive, phase cut-off) or conv. transformers (loaded < 85 %) incl. transformer power dissipation 50-210 VA (inductive, phase cut-on) Mixed loads, capacitive and inductive loads may not be mixed!
Dimming principle	Phase cut-on or cut-off according to load type
Power consumption, standby	approx. 0.63 W
Switching on	bulb-preserving soft start
Noise generation	very low noise
Reception frequency	433.42 MHz, (ASK)
Teachable radio transmitters	30

Radio universal dimmer flush-mounted	Order no. 94550200
Radio codes (assign uniquely for each channel)	> 1 billion
Distance to transmitter in teaching mode	0.5 to 5 m
R&TTE approval (for EU and EFTA countries)	Yes
Light scenes	5
Short-circuit proof	Switch-off with autom. restart electron. fuse (no change-over)
Overheating protection	autom. switch-off
Radio interference suppression	according to EN 55015
Operating temperature	0 to 45 °C
Operating humidity	approx. 15 to 50 %
Protection class	IP20
Conductor length	approx. 210 mm
Dimensions (Ø x H)	52.5 x 27.5 mm

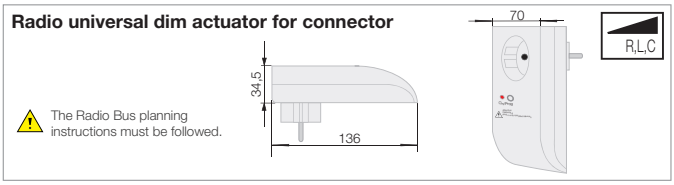
Radio universal dim actuator for connector

The lighting can be activated on the device manually or using the radio transmitter. It can be dimmed using the radio transmitter. The desired switch-on brightness can be stored in touch dimmers, and is retrieved each time a switch-on command is given (memory value).

Light scene operation is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface, 4gang flush-mounted and HM 1801. If light scenes are assigned (taught-in) to the radio adapter universal dimmer, the desired brightness value can be stored and set when a light scene is called up.

Pressing the ALL OFF/ALL ON push-button on a taught-in hand-held radio transmitter comfort, a radio wall transmitter or the radio push-button interface, 4gang flush-mounted and HM1801 switches the load on or off.

When a taught-in radio signal is received by the radio controller, the memory value is set for approx. 1 minute (retriggering).



Technical data	Radio universal dim actuator for connector order no. 1781009
Power supply unit	230 V~, 50/60Hz
Connected load	Incandescent and 230 V halogen lamps 50-420 W (ohmic, phase cut-off) Tronic transformers 50-420 W (capacitive, phase cut-off) Conv. transformers (min. 85 % load) Total load 50-420 W including transformer power loss may not exceed 420 VA (inductive load, phase cut-on). Mixed loads of specified load types (no combination of capacitive and inductive loads)
Dimming principle	Phase cut-on or cut-off depending on load type
Standby power consumption	approx. 0.63 W
Increased child protection as per VDE 0620 part 1	Yes
Switch-on	Bulb-preserving soft start
Noise	Very low noise
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Fine-wire fuse	T 6,3 H 250 V
Overheating protection	by means of autom. cut-out
Radio interference suppression	to EN 55015
Operating temperature	5 to 35 °C
Index of protection	IP20

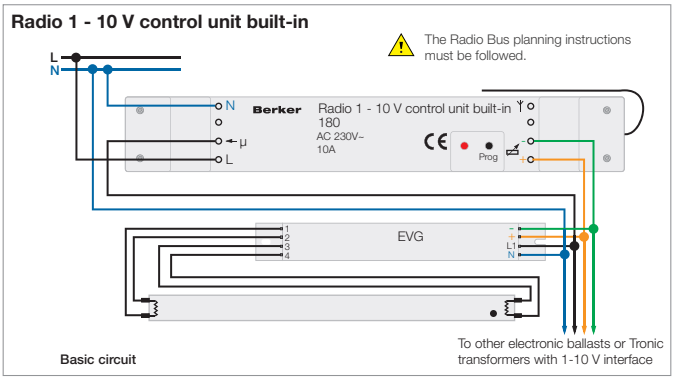
Radio 1 - 10 V control unit built-in

The lighting can be activated on the device manually or using the radio transmitter, and made brighter/darker. The desired switch-on brightness can be stored in touch dimmers, and is retrieved each time a switch-on command is given (memory value).

Light scene operation is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface, 4gang flush-mounted and HM 1801. If light scenes are assigned (taught-in) to the radio 1 - 10 V control unit built-in, the desired brightness value can be stored and set when a light scene is called up.

Pressing the ALL OFF / ALL ON push-button on a taught-in hand-held radio transmitter comfort, a radio wall transmitter or the radio push-button interface, 4gang flush-mounted and HM1801 switches the load on or off.
When a radio signal is received by the radio controller, the memory value is set for approx. 1 minute (retriggering).

For dimensioning of switching power and control current, see Technical Information, 1-10 V devices.



Technical data	
Power supply unit	230 V~, 50/60 Hz
Standby power consumption	approx. 1,22 W
Control voltage	1-10 V
Max. control current	15 mA
Switching contact; Ohmic load; Electronic ballast, transformer	Relay; 1800 W; type-dependent approx. 12 single-lamp-, 6 two-lamp electronic ballasts
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion

Radio 1 - 10 V control unit built-in	Order no. 180
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Fuse	Via 10 A circuit breaker
Radio interference suppression	to EN 55015
Operating temperature	0 to 55 °C
Index of protection	IP20
Terminals	Screw-type terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2
Dimensions (L x W x H)	188.5 x 28 x 28 mm

Radio switch actuator built-in

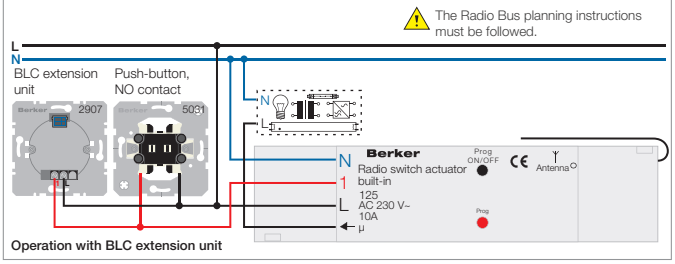
In conjunction with taught-in radio transmitters, the Radio switch actuator built-in enables network-operated devices to be switched remotely. It switches electrical loads (230 V/10 A) as soon as it has received a corresponding (taught-in) radio signal. The Radio switch actuator built-in can be operated via a BLC extension set or a push-button (NOC) as an extension unit.

Light scene operation (switching only) is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or radio push-button interface, 4gang flush-mounted and HM 1801. If a light scene is assigned (taught-in) to the radio switch actuator, a desired switching state (On/Off) can be stored and set when the light scene is called up.

Pressing the ALL OFF / ALL ON push-button on a taught-in hand-held radio transmitter comfort, a radio wall transmitter or the radio push-button interface, 4gang flush-mounted and HM1801 switches the load on or off.

When a taught-in radio signal is received by the radio controller, it switches on for approx. 1 minute (retriggering).
The special "bell operation" function is possible in conjunction with the radio transmitter 2gang flush-mounted or radio push-button interface, 4gang flush-mounted.

Radio switch actuator built-in with extension unit push-button, NO contact



Technical data	
Power supply unit	230 V~, 50/60 Hz
Switching contact	Relay
Switching capacity	230 V Incandescent and halogen lamps 2300 W (ohmic)
	Tronic transformers 1500 W (capacitive)
	Conv. transformers (≥ 85% loading) incl. transformer power loss 1000 VA (inductive)
	Fluorescent lamps uncomp. 1200 VA, parallel comp. with 47 µF 920 VA (induktive)
	Duo circuit 2300 VA (induktive)
	Mixed load; capacitive and inductive loads should not be mixed
Number of extension units	Any number of BLC extension units or push-buttons (NOC)
Standby power consumption	approx. 0.71 W

Radio switch actuator built-in	Order no. 125
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Fuse	Via 16 A circuit breaker
Radio interference suppression	to EN 55015
Operating temperature	-20 to 55 °C
Index of protection	IP20
Terminals	Screw-type terminals for max. 2,5 mm² or 2 x 1,5 mm²
Dimensions (L x W x H)	175 x 42 x 18 mm

Radio switch actuator 1gang flush-mounted

In conjunction with taught-in radio transmitters, the radio switch actuator 1gang flush-mounted enables network-operated devices to be switched remotely..

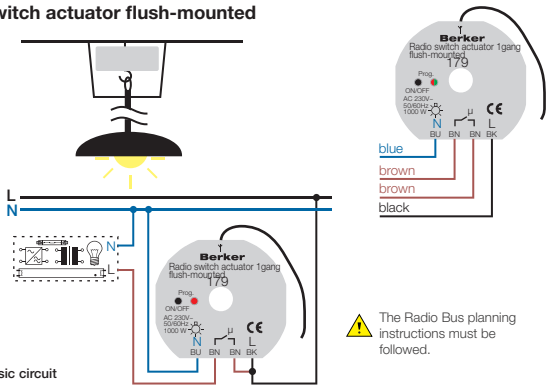
Light scene operation (switching only) is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface, 4gang flush-mounted and HM 1801. If a light scene is assigned (taught-in) to the switch actuator, a desired switching state (On/Off) can be stored and set when the light scene is called up.

Pressing the ALL OFF/ALL ON push-button on a taught-in hand-held radio transmitter comfort, a radio wall transmitter or the radio push-button interface, 4gang flush-mounted and HM1801 switches the load on or off.

When a taught-in radio signal is received by the radio controller, it switches on for approx. 1 minute (retriggering).

The special "bell operation" function is possible in conjunction with the radio transmitter 2gang flush-mounted or the radio push-button interface, 4gang flush-mounted.

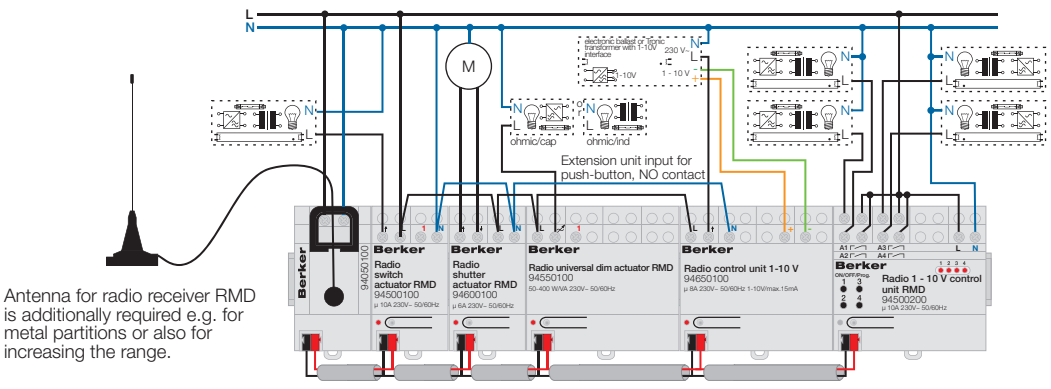
Radio switch actuator flush-mounted



Technical data	
Rated voltage	230 V~, 50/60 Hz
Switching contact	Relay NO potential-free (FELV)
Switching capacity	230 V Incandescent lamps and halogen lamps 1000 W (ohmic)
	Tronic transformers 750 W (capacitive)
	Conv. transformers (< 85 % loading) incl. transformer power loss 750 VA (inductive)
	Fluorescent lamp uncomp. 500 VA, parallel comp. 400 VA (induktive)
	Duo circuit 1000 W (induktive)
	Mixed load; capacitive and inductive loads should not be mixed
Standby power consumption	approx. 0.56 W
Reception frequency	433.42 MHz, (ASK)

Radio switch actuator 1gang flush-mounted	Order no. 179
Radio transmitters with teach-in facility	7 per channel
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Fuse	Via 10 A circuit-breaker
Radio interference suppression	to EN 55015
Operating temperature	-20 to 55 °C
Index of protection	IP20
Conductor length	approx. 210 mm
Dimensions (Ø x H)	52 x 21 mm

Radio Bus System RMD



Radio switch actuator 2gang flush-mounted

In conjunction with taught-in radio transmitters, the radio switch actuator 2gang flush-mounted enables network-operated devices to be switched remotely.

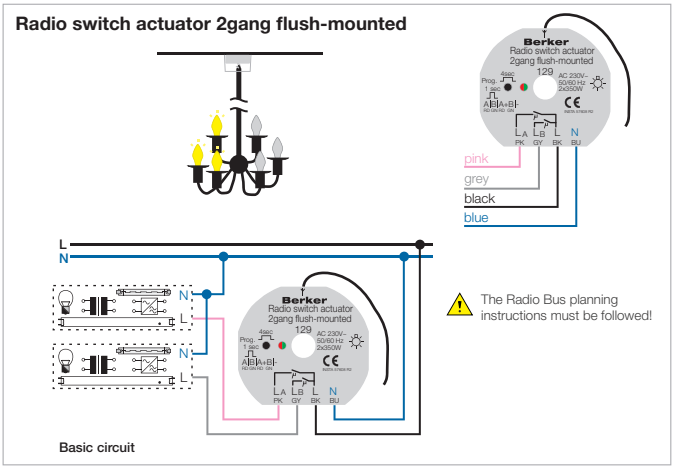
The radio switch actuator 2gang flush-mounted is especially suitable for installation of a series connection from an existing switch-off without additional cable.

Light scene operation (switching only) is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface, 4gang flush-mounted and HM 1801. If a light scene is assigned (taught-in) to the radio switch actuator 2gang flush-mounted, a desired switching state (on/off) can be stored and set when the light scene is called up.

Pressing the ALL OFF / ALL ON push-button on a taught-in hand-held radio transmitter comfort, a radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM1801 switches the load on or off.

When a taught-in radio signal is received by the radio controller, it switches on for approx. 1 minute (retriggering).

The special "bell operation" function is possible in conjunction with the radio transmitter 2gang flush-mounted or the radio push-button interface 4gang flush-mounted.



Technical data	
Nominal voltage	230 V~, 50/60 Hz
Switching contacts	2 relays for every 1 NO
Switching capacity	230 V Incandescent lamps 350 W (ohmic) 230 V halogen lamps 300 W (ohmic) Tronic transformers 300 W (capacitive) Conv. transformers (< 85 % loading) incl. transformer power loss 350 VA (inductive). Fluorescent lamp uncomp. 350 VA (induktive) Mixed load; capacitive and inductive loads should not be mixed
Standby power consumption	approx. 0.37 W
Reception frequency	433.42 MHz, (ASK)

Radio switch actuator 2gang flush-mounted	Order no. 129
Radio transmitters with teach-in facility	7 per channel
Radio codes (assigned once per channel)	>1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Security	Via 10 A circuit breaker
Radio interference suppression	to EN 55015
Operating temperature	-20 to 55 °C
Index of protection	IP20
Dimensions (Ø x H)	52 x 23 mm

Radio switch actuator for connector

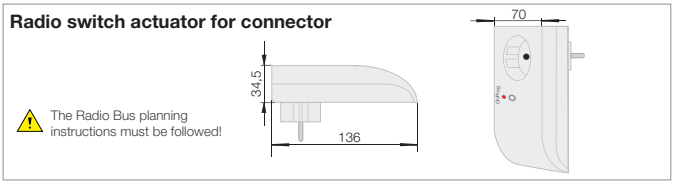
The Radio switch actuator for connector in conjunction with taught-in radio transmitters permits remote switching of mains powered appliances (e.g. standard lamp, table top lamp, ventilator fan, stereo system etc.) with a mains plug.

Light scene operation (switching only) is also possible with the radio hand-held transmitter comfort or radio wall transmitter, or the radio push-button interface 4gang flush-mounted and HM 1801. If a light scene is assigned (taught-in) to the switch actuator, a desired switching state (on/off) can be stored and set when the light scene is called up.

Pressing the ALL OFF / ALL ON push-button on a taught-in hand-held radio transmitter comfort, a radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM1801 switches the load on or off.

When a taught-in radio signal is received by the radio controller, it switches on for approx. 1 minute (retriggering).

The special "bell operation" function is possible in conjunction with the radio transmitter 2gang flush-mounted or the radio push-button interface 4gang flush-mounted.



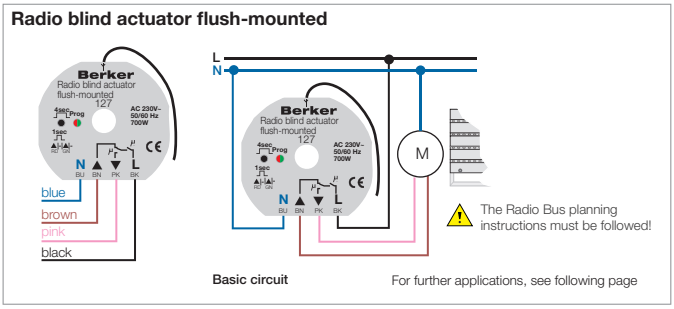
Technical data	Radio switch actuator for connector order no. 1789909
Power supply unit	230 V~, 50/60 Hz
Switching contact	Relay
Switching capacity	230 V Incandescent and halogen lamps 1000 W (ohmic) Tronic transformer 750 W (capacitive) Conv. transformers (≥ 85% loading) incl. transformer power loss 750 VA (inductive) Fluorescent lamps uncomp. 500 VA, parallel comp. with 47 µF 400 VA (induktive) Duo circuit 1000 VA (induktive) Mixed load; capacitive and inductive loads should not be mixed
Standby power consumption	approx. 0.43 W
Increased child protection as per VDE 0620 part 1	Yes
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes	5
Fine-wire fuse	T 6,3 H 250 V
Radio interference suppression	to EN 55015
Operating temperature	-20 to 55 °C
Index of protection	IP20

Radio blind actuator flush-mounted

In conjunction with taught-in radio transmitters, the radio blind actuator enables network-operated devices to be switched remotely.
Pressing a radio transmitter push-button < 1 sec. adjusts the blinds; > 1 sec. sends the drive into continuous operation for 2 minutes. It is particularly well suited to setting up a master and/or group control system from existing individual controls without additional wiring. They are flush-mounted in junction boxes, wall boxes, or in water-tight junction boxes in the shutter unit.

Light scene mode (end positions only) is possible with the radio hand-held transmitter comfort, the radio wall transmitter or the radio push-button interface 4gang flush-mounted and HM 1801. If a light scene is assigned (taught-in) to the radio blind actuator flush-mounted, the desired end position (open/closed) of the blind can be stored and set when the light scene is called up.

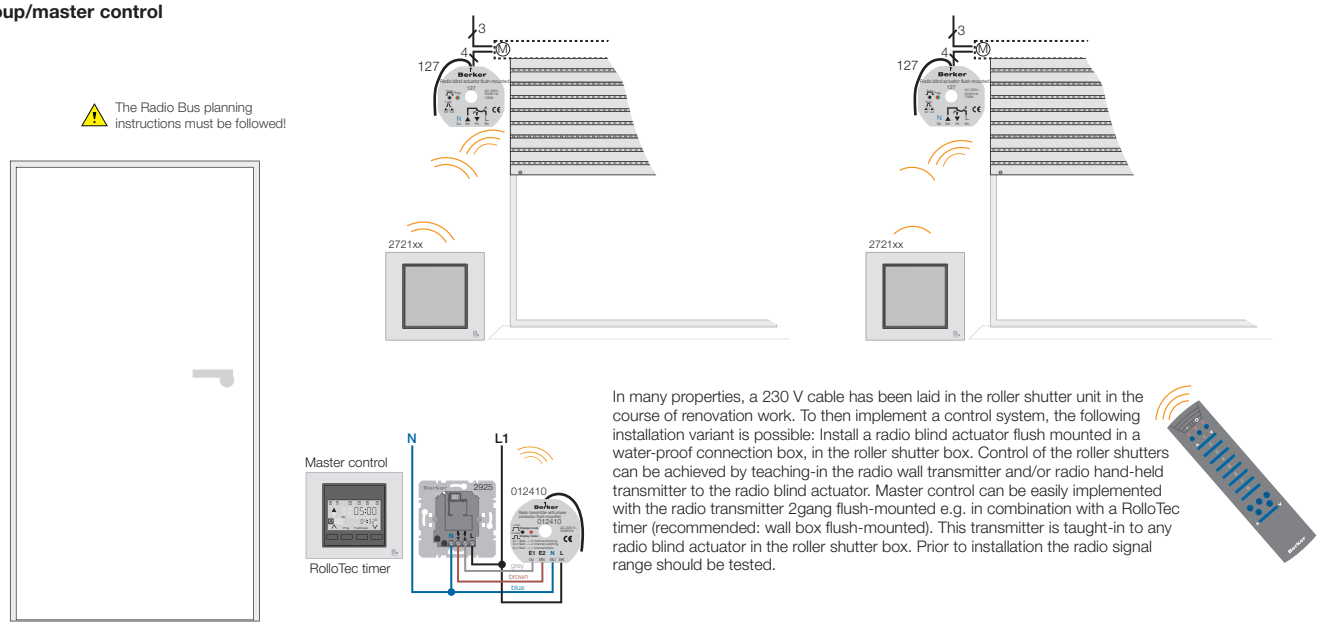
Integration into the All OFF / ALL ON function (end positions only) is also possible.



Technical data	
Nominal voltage	230 V~, 50/60 Hz
Switching contacts	2 NOC mutually interlocked
Switching capacity	max. 1 motor 700 W
Standby power consumption	approx. 0.40 W
Locking time	approx. 1 sec.
Reception frequency	433.42 MHz, (ASK)
Radio transmitters with teach-in facility	14
Radio codes (assigned once per channel)	> 1 billion

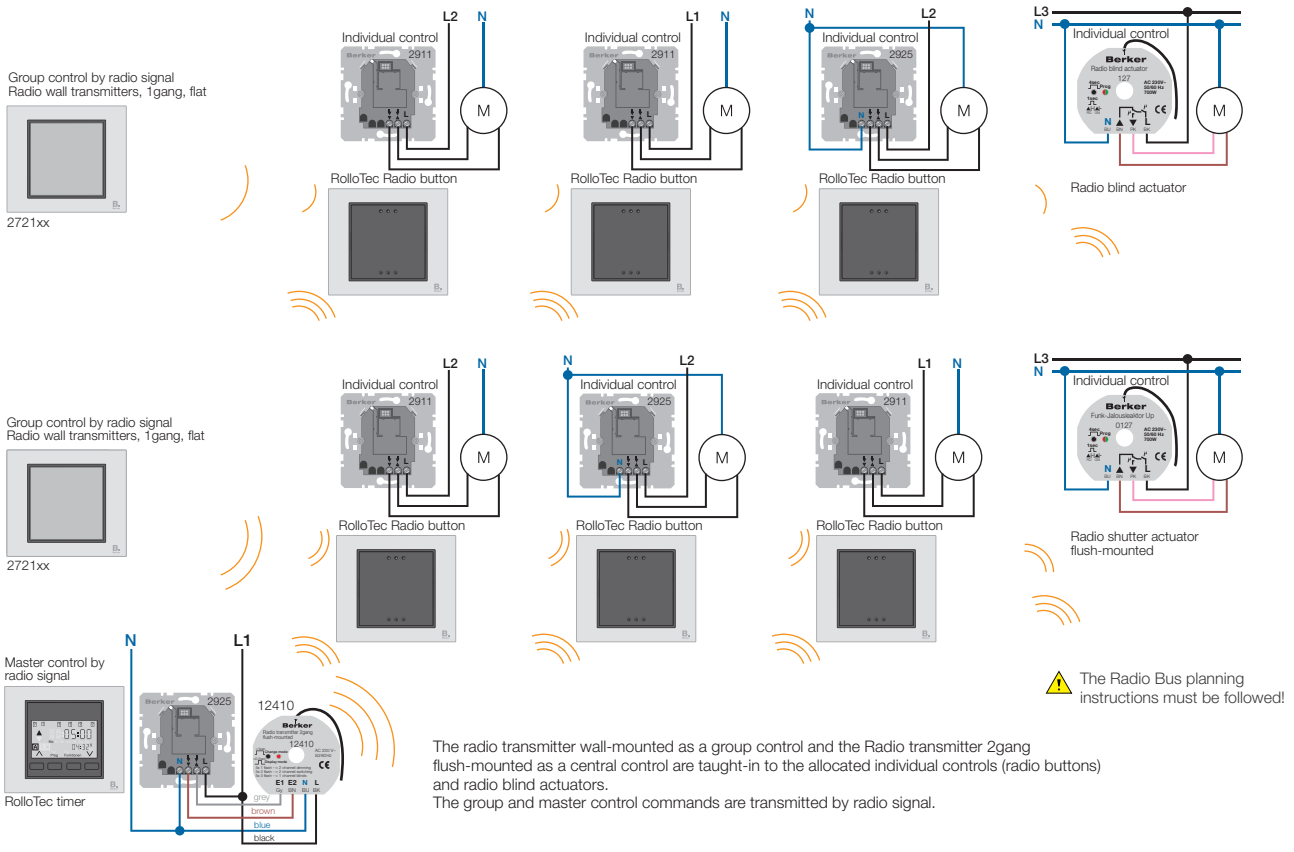
Radio blind actuator flush-mounted	Order no. 127
Distance from transmitter in teach-in mode	0.5 to 5 m
R&TTE approval (for EU and EFTA states)	Yes
Light scenes (only end positions)	5
Fuse	Via 10 A circuit breaker
Radio interference suppression	to EN 55015
Operating temperature	-20 to 55 °C
Index of protection	IP20
Dimensions (Ø x H)	52 x 21 mm

Upgrade possible with RolloTec and Radio Bus with existing 230 V cable in roller shutter unit.
Group/master control



In many properties, a 230 V cable has been laid in the roller shutter unit in the course of renovation work. To then implement a control system, the following installation variant is possible: Install a radio blind actuator flush mounted in a water-proof connection box, in the roller shutter box. Control of the roller shutters can be achieved by teaching-in the radio wall transmitter and/or radio hand-held transmitter to the radio blind actuator. Master control can be easily implemented with the radio transmitter 2gang flush-mounted e.g. in combination with a RolloTec timer (recommended: wall box flush-mounted). This transmitter is taught-in to any radio blind actuator in the roller shutter box. Prior to installation the radio signal range should be tested.

RolloTec standard insert with RolloTec radio button and radio blind actuator: master and group control by radio



The Radio Bus planning instructions must be followed!

The radio transmitter wall-mounted as a group control and the Radio transmitter 2gang flush-mounted as a central control are taught-in to the allocated individual controls (radio buttons) and radio blind actuators.
The group and master control commands are transmitted by radio signal.

RolloTec radio button

The radio button is a component of the RolloTec system. In conjunction with the RolloTec insert, it permits remote and manual operation of a tubular motor.

The ▲ button raises the shutter, the ▼ button lowers it.

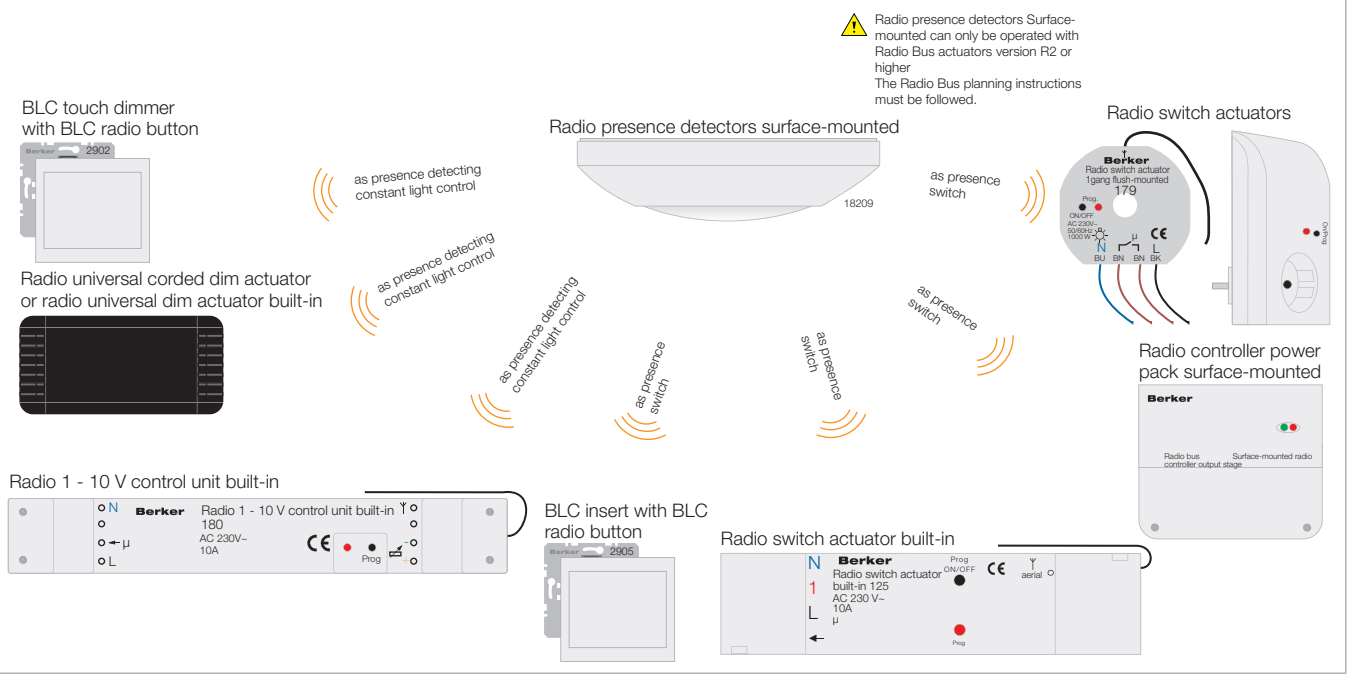
The system can be controller using a radio hand-held transmitter, radio wall transmitter, radio push-button interface 4gang flush-mounted, radio switch actuator 2gang flush-mounted and HM 1801.

If a light scene is assigned (taught-in) to the button, a desired end position (open/closed) of the blind can be stored and moved to when the scene is called up.

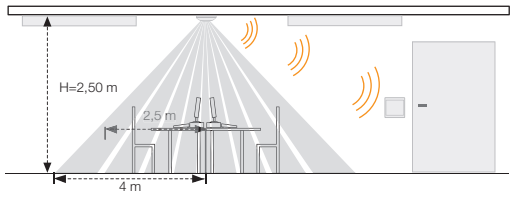
Technical data	RolloTec radio button order no. 1758.., 1759,.
Power supply unit	from RolloTec insert 2911, 2925, 2975, 2975 01
Standby power consumption	approx. 1.21 W
Sunlight brightness value (only 1759..)	approx. 5000 to 80 000 Lux
Reception frequency	433.42 MHz, (ASK)
Radio transmitter with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
Distance from transmitter in teach-in mode	0.5 to 5m
R&TTE approval (for EU and EFTA states)	Yes
Change-over time on change of direction	approx. 1 sec.
Light scenes (only end positions)	5
Operating temperature	4 to 55 °C
Index of protection	IP20

For connection to master, group and individual control see RolloTec.

Examples of combination options for radio presence detectors surface-mounted and Radio Bus components



Radio presence detectors surface-mounted in an office



Do not mount radio presence detector surface-mounted in the immediate vicinity of lights or ventilator fans.
May only be operated with alkaline batteries, as they are the only ones with sufficient pulse current carrying capacity.
The Radio Bus planning instructions must be followed.

Radio presence detectors surface-mounted can only be taught into radio actuators version R2 or higher; a corresponding R2 designation is printed on the device.

As soon as a radio presence detector surface-mounted has been taught into a radio actuator, the corresponding actuator internally switches to light control mode and changes its behaviour.

Switching on by a brief press (> 1s) locally or by radio control initially switches the associated actuator on for 2 minutes.
If no presence is detected during this time, it is switched off again.

Switching off by a brief press (> 1s) locally or by radio control initially switches the associated actuator off for 2 minutes. During this time, switching on is prevented by presence detection and is only possible manually (e.g. for slide show).

With a dimming actuator (e.g. BLC universal touch dimmer insert with BLC radio button, Radio universal dim actuator built-in, Radio 1 - 10 V control unit built-in etc.) a constant light control system can be set up. In this case, the target brightness value set on the radio presence detector surface-mountedis compared with the actual value and evaluated in the dimmer.

On dimming actuators, the brightness can be changed by holding down the local or radio buttons, similar to a normal dimming operation.
The brightness value determined is temporarily used as the target brightness value until the next switch off, i.e. the radio presence detector surface-mounted attempts to keep this new value constant.

Only one switch on or off is possible in conjunction with radio switch actuators. To prevent the occurrence of light oscillation (device constantly switches on and off) it may be necessary to increase the target brightness value by turning the brightness adjuster on the radio presence detector surface-mounted towards the symbol sun.
In general, the radio presence detector surface-mounted should not be installed too close to lamps, to minimise this effect. The brighter the lamp to be switched on is, the more significant the effect described above.

Technical data	
Power supply unit	6 V=
Batteries	4 x 1.5 V Micro Alkaline (LR 03)
Battery life (depending on load)	approx. 3 years
10x flashing for transmit operation	Batteries flat, replace
Detection angle	360°
Size of detection range at desk height	Ø approx. 5 m
Size of detection range at floor level	Ø approx. 8 m
Mounting height for nominal detection ranges	2.5 m
Switching period	approx. 2 min. to 60 min.
Detection levels	6
Number of zones	80

Radio presence detector surface-mounted	Order no. 18209
Number of switching segments	320
Response sensitivity	20 to 100 %
Target brightness value for light control	approx. 3 Lux to 1000 Lux
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 100 m (free field)
Transmission power	< 10 mW
Radio codes (assigned once per channel)	> 1 billion
R&TTE approval (for EU and EFTA states)	YES
Operating temperature	0 to 45 °C
Index of protection	IP20
Dimensions (Ø x H)	103 x 42 mm

Radio controller surface-mounted

The radio controller surface-mounted with integral brightness measurement allows the extension of existing installations by wireless transmission of switching commands. On detecting movement, the radio controller surface-mounted sends an encrypted radio-telegram, which is understood and evaluated by all radio receivers in the radio bus system.

The radio controller surface-mounted is provided on the backside with two potentiometers, allowing the response sensitivity and activation brightness to be set.
Setting the activation brightness:
- Position • brightness independent
- Adjustment range approx. 1 to 80 Lux
- Position corresponds to approx. 80 Lux.

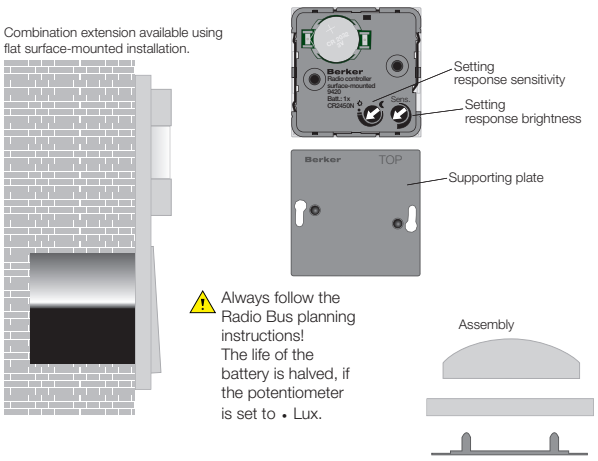
This setting should be selected when using the radio controller power section; the activation brightness and the delay time can be set at the power section.

In connection with other radio bus receivers (BLC radio buttons, radio switch actuator for connector adapters and radio switch actuator built-in/flush-mounted etc.) the controller triggers switching the load on for 1 minute (retriggering).

The radio controller surface-mounted can be screwed or stuck to a flat surface (wood, plaster, glass, mirror etc.) as well as to appliance sockets with a frame.

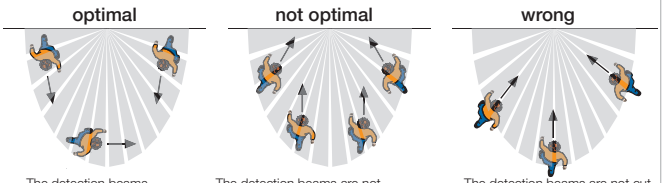
Technical data	Radio controller surface-mountedorder no. 9420..
Power supply unit	3 V=
Battery type	1 x lithium coin cell (type CR 2450 N)
Battery life	approx. 2-3 years
Rapid flashing of the red LED (approx. 1 s after sending)	battery flat, change it
Transmission frequency	433.42 MHz, (ASK)
Transmission range	max. 60 m (free field)
Transmission power	< 10 mW
Radio codes (assigned once)	> 1 billion
R&TTE approval (for EU and EFTA states)	Yes
Number of channels	1
Detection angle	180°
Detection field	semi-oval approx. 10 x 12 m
Recommended mounting height	1.1 m
Response sensitivity	approx. 20 to 100 %
Response brightness	approx. 1 to 80 / Lux
Operating temperature	5 to 35 °C
Index of protection	IP20
Installation height	approx. 23 mm

Radio controller 180 surface-mounted



Controller mounting

Ensure that there are no interference sources, e.g. lamps or heaters, in the detection range. For optimum detection the radio controller 180 should be mounted laterally to the direction of movement.



The detection beams are optimally cut.

The detection beams are not optimally cut. The range is reduced.

The detection beams are not cut. The controller detects the object too late.

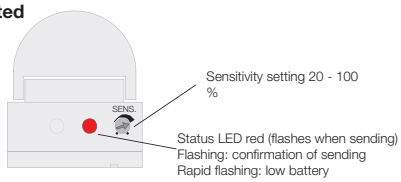
Radio controller/system

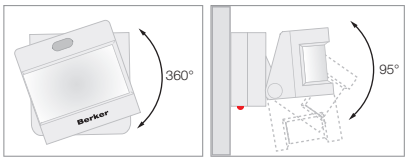
The radio controller system is a cordless system, and is particularly suitable for upgrading existing installations. A maximum of 30 radio controllers can be taught-in to a radio controller power unit surface-mounted. The radio controllers can also be taught-in to other Radio Bus receivers (BLC radio button, rradio switch actuator for connector and radio switch actuator built-in/flush-mounted etc.), where they activate the load for 1 minute (retriggering). A radio controller can be taught-in to any number of radio receivers. The response sensitivity of each radio controller unit can be adjusted to varying detection conditions. A push-button, NC contact in the lead of the radio controller power pack surface-mounted can be used to activate additional functions. These functions can also be used with a taught-in hand-held or wall-mounted radio transmitter as follows.
Short press of button ∧ON for preset time
Short press of button ∨ OFF (automatic mode remains active)
Long press of button (>1sec.) ∧ ON for 2 hours
Long press of button (>1sec.) ∨ OFF for 2 hours

Technical data	Radio controller power unit surface-mounted order no. 17509
Rated voltage	230 V~, 50/60 Hz
Switching contact	Relay contact
Switching capacity	230 V Incandescent lamps and halogen lamps 2300 W (ohmic) Tronic transformer 1500 W (capacitive) Conv. transformers (≥ 85 % loading) incl. transformer power loss 1000 VA (inductive) Fluorescent lamps uncompensated 1200 VA, parallel compensated 920 VA (induktive) duo circuit 2300 VA (induktive) Mixed load; capacitive and inductive loads should not be mixed
Inrush current	max. 20 A
Standby power consumption	approx. 1.10 W
Delay time	approx. 10 sec. to 15 min. ± 10 %
Brightness	approx. 3 to 80 Lux ± 10 %
Additional functions	with push-button (NCC contact)
Time between touch pulses	600 ms
1st function	1 x press = ON for on time
2nd function	2 x press = ON for 2 hrs ± 10 %
3rd function	3 x press = OFF for 2 hrs ± 10 %
Reception frequency	433.42 MHz, ASK
Radio transmitters with teach-in facility	30
Radio codes (assigned once per channel)	> 1 billion
R&TTE approval (for EU and EFTA states)	Yes
Radio interference suppression	according to EN 55015
Operating temperature	-25 to 55 °C
Index of protection	IP55
Terminals	Screw-type terminals for max. 2.5 mm² or 2 x 1.5 mm²
Dimensions (L x W x H)	110 x 38 x 94 mm

Radio controller flush-mounted

Always follow the Radio Bus planning instructions! Because of the Low Power Technology, the controller takes approx. 1 min. to become ready for operation.

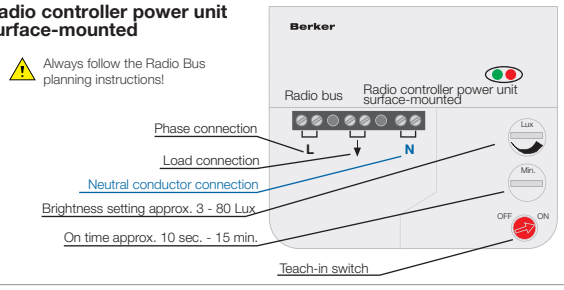




Technical data	Radio controller surface-mounted order no. 1740109.
Battery type	9 V alkaline block battery 6LR61
Service life of alkaline battery	approx. 3 years
Power consumption	Daytime operation 0.14 mW Night time operation 0.27 mW Radio transmission 27 mW
Transmission frequency	433.42 MHz, ASK
Transmission range	approx. 100 m free field
Transmission power	< 10 mW
Radio codes (assigned once per channel)	> 1 billion
R&TTE approval (for EU and EFTA states)	Yes
Detection angle	180°
Detection field	16 m x 32 m
Mounting height	approx. 2.40 m
Response sensitivity	20 to 100 %
Brightness operating range	3 to 200 Lux ± 50 %
Sensor, activation brightness	less than 80 Lux
Sensor, night triggering	to 200 Lux
Operating temperature	-25 to 55 °C
Index of protection	IP55

Radio controller power unit surface-mounted

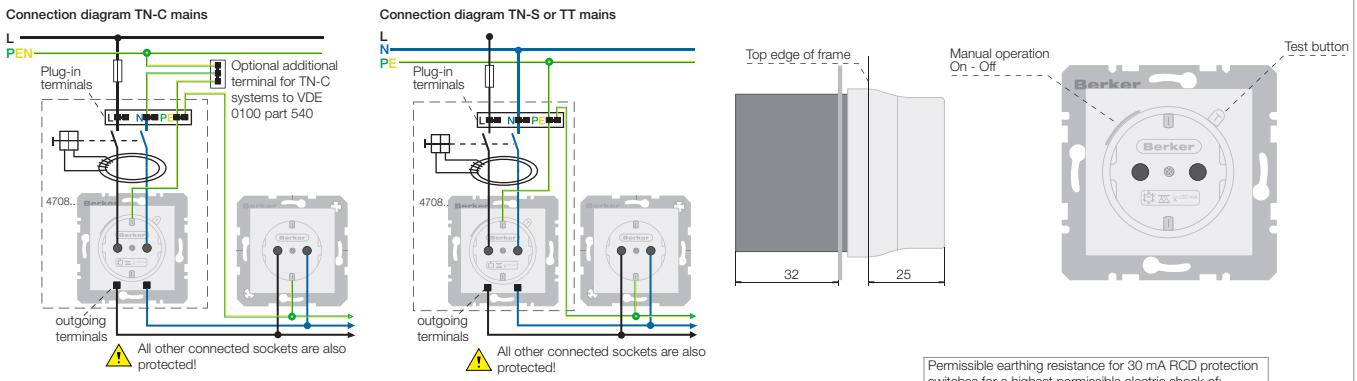
Always follow the Radio Bus planning instructions!



SCHUKO socket outlet with RCD protection switch / RCD protection switch
The SCHUKO socket outlet with RCD protection switch and the RCD protection switch must be used anywhere that the use of residual-current protective devices according to VDE 0664 is specified.
According to DIN VDE 0100-410: 2007-06, alternating current systems must be provided with additional protection by means of residual-current protective devices ≥ 30 mA. This applies to socket outlets with a rated current not greater than 20 A that are intended for use by non-experts and for general use.
Exceptions are socket outlets that are constructed exclusively for connecting a specific piece of equipment, and socket outlets that are monitored with a residual-current monitor (RCM) by qualified electricians or persons with electrotechnical training, such as in one's own commercial or industrial systems, for example. The protection goal "Protection against direct contact" according to DIN VDE 0100 Part 410 is achieved. Socket outlets connected to the residual-current protected outgoing terminals (outgoing feeders) are likewise protected. Thus all loads connected to it are equipped with additional protection according to DIN VDE 0100 Part 410. Triggering is ensured in the event of AC fault currents, and pulsating DC fault currents ≥ 30 mA. The test button "T" can be used to test the electrical and mechanical functioning. The integrated switch lever can be used to switch the SCHUKO socket outlet with RCD protection switch and the RCD protection switch on again after triggering (when testing or after eliminating the fault).

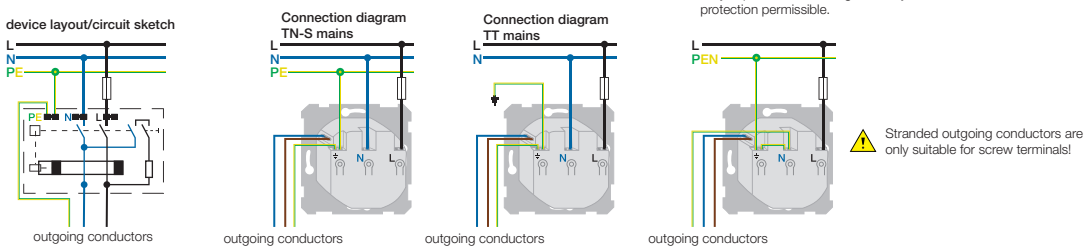
Technical data	SCHUKO socket with RCD protection switch
Rated voltage	230 V~, 45-60 Hz
Rated current	16 A
RCD-protected outgoing conductor	Phase, neutral
Rated fault current	30 mA AC and pulsating DC
Switch off time	30 ms
Surge energy capacity	250 A (8/20) µs (DIN VDE 0432 part 2)
Rated short circuit capacity	3 kA with back-up fuse 20 A filament lamp
Rated switching capacity I_m	500 A
I^2t-proof	2.5 kA^2s
Dynamic current capacity I_P	1.7 kA
Mounting orientation	any
Wall box	to DIN 49073 part 1:1990-02
Attachment	Claw or screw fixing
Intended use	EN 61008 part 1 and 2-1: 1994
Operating temperature	-25 to 40 °C
Index of protection	IP20
Terminals	Plug-in terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2
Insertion depth	32 mm
Supply package	SCHUKO socket with RCD protection switch, increased child-protection and centre plate

SCHUKO socket with RCD protection switch



Permissible earthing resistance for 30 mA RCD protection switches for a highest permissible electric shock of:
- 25 V : 833 Ω
- 50 V : 1666 Ω

RCD protection switch



Technical data	RCD protection switch order no. 2844
Rated voltage	230 V~, 45-60 Hz
Rated current	16 A
RCD-protected outgoing conductor	Phase, neutral
Rated fault current	30 mA AC and pulsating DC
Switch off time	30 ms
Surge energy capacity	250 A (8/20) µs (DIN VDE 0432 part 2)
Rated short circuit capacity	3 kA with back-up fuse 16 A filament lamp
Mounting orientation	any
Wall box	to DIN 49073 part 1:1990-02
Attachment	Screw fixing
Intended use	EN 61008 part 1 and 2-1: 1994
Operating temperature	-25 to 40 °C
Index of protection	IP21
Outgoing conductors	stranded 2 x 1.5 mm^2, approx. 20 cm
Terminals	plug-in terminals for max. 2.5 mm^2 or 2 x 1.5 mm^2
Insertion depth	32 mm

Antenna technology terms

Tap: for connecting one or more branch cables to a continuous trunk cable. The level of the branched signal is dependent on the attenuation of the branch.

ADR (Astra Digital Radio): digital audio radio programmes on a subcarrier analog TV transponder.

Azimuth: azimuth means the alignment of the south-facing satellite aerial (horizontal angle)

Band: band denotes a frequency range between two specified values.
Ku-Band: satellite transmission frequency band
SAT-bands: (SAT-IF, Input-IF) intermediate frequency bands used by satellite receivers:
950 - 1,750 MHz (standard band)
950 - 2,050 MHz (extended band)
700 - 2,050 MHz (further extended band)
High band frequency range 11.7 to 12.75 GHz of a satellite. Here mostly only digital programmes are broadcast.
Low band frequency range 10.7 to 11.7 GHz of a satellite. Systems with older LNBs cannot receiver the whole range of the band (typically only 10.950 to 11.7 GHz analog).
CATV bands
BK bands
Band I (VHF), channel 2 - 4
Band II (UKW), frequency 87.5 - 108 MHz
USB Band, Lower Special Channel Range (VHF), channels S2 - S10
Band III (VHF), channels 5 - 12
OSB Band, Upper Special Channel Range (VHF), channels S11 - S20
Hyperband (VHF), channels S21 - S38
Bands IV and V (UHF), channels 21 - 69

Bandwidth: expression for a range of frequencies contained with a specific band.

BER (Bit error rate): denotes the quality of a data signal after it has been receives and demodulated. The lower the rate, the better the signal.

CATV: abbreviation for Community Antenna Television. Reception of radio and TV programmes using a community aerial. Used internationally in cable TV networks as cable television or broadband cable networks.

Conditional Access (CA) System: controls the access by users to services and programmes which are encrypted for copyright or commercial reasons.

Common Interface (CI): uniform interface for digital set-top boxes for PCMCIA modules with card readers for smart-card by practically all Pay-TV companies.

DAB (Digital Audio Broadcasting): designation for digital radio. The system offers additionally capacity for data transmission. Data compression is carried out using MPEG-2.

Data Rate: data bits transmitted per second. Is expressed in kbit/s or Mbit/s. The higher the data rate the better the transmitted signal.

Data Reduction: compression of image and sound signals. Redundant information is left out.

Attenuation loss: measurement in dB (decibel) resulting from the cabling and components.

Attenuation adjustment: to compensate for the frequency-dependant cable attenuation

dB - decibel: value often used to express the attenuation of a cable or a stage, or also the gain of an amplifier, aerial etc.

d-box: digital set-top box for Premiere World.

DiSEqCTM (Digital Satellite Equipment Control): Switching signal generated by the satellite receiver, for controlling and switching LNB and multi-switches. This allows several satellite positions for rotary and multi-feed systems to be controlled. DiSEqC is a trade mark of the European Satellite Organization (EUTELSAT) and arose out of cooperation between EUTELSAT and Phillips.

Dolby Digital Sound Processing: this enables a digital surround sound to be reproduced in a home cinema system.

Pass-through attenuation: reduction in the signal level at each output, e.g. at distributors, aerial sockets etc.

DVB (Digital Video Broadcasting): transmission of video and sound signals in digital form. DVB-S stands for satellite cable transmission, DVB-T for terrestrial cable transmission and DVB-C for cable transmission.

Single-cable system: matrix for distributing 1.SAT-ZF satellite programmes using a cable network in a tree structure.

Elevation: by elevation is meant the vertical angle (inclination) of the aerial

EPG (Electronic Programme Guide): electronic program guide

Decoupling attenuation (directional attenuation) attenuation of the output sockets relative to each other

FEC (Forward Error Correction): a technique for reducing the error rate in a data transmission. Additional bits are inserted into the data stream so that error correction algorithms can be used on reception.

Field strength meter: an instrument used by technical staff to measure the signal strength of a radio or TV channel. The same instrument can be used for precise alignment of the aerial so that the maximum signal strength is achieved and for the checking the signal level at connections to community systems.

Free-to-Air: free-to-air receivers receive exclusively free (non-encrypted) programmes.

Gain: unit of measurement expressed in dB for the amplification capabilities of a parabolic aerial or an amplifier. Gain is the opposite of attenuation. The gain of an aerial depends on the diameter of the parabolic mirror and its efficiency. The larger the better!

Coaxial cable: shielded cable with inner and outer conductor, insulated from each other by a material (solid PE / cellular PE), which ensures a very small signal loss. The outer conductor (shield) serves to protect the inner conductor against external interference, and thus minimises the signal loss on the inner conductor. Cable recommendation for satellite reception: low attenuation approx. 27 dB/100m at 2,000 MHz and shielding class > 90 dB (class A).

LNB - Low Noise Block converter: a feed system also known as LNC. Reception unit at the focus of the parabolic mirror, which converts the high-frequency satellite downlink into a 1.Sat intermediate frequency suitable for the receiver. The main distinctions are:
Single Universal LNB for 1 subscriber high band and low band
Twin Universal LNB for 2 subscribers (twin receiver) high band and low band
Quattro Switch LNB for 4 subscribers high band and low band
Quattro Switch LNB with 1 terrestrial input for 4 subscribers high band, low band and terrestrial
Quattro Universal LNB for multi-switch with 4 outputs (horizontal/vertical/high band/ ow band)
Octo Switch LNB for 8 subscribers high band and low band

LNB Skew (LNB Tilt): LNB Skew denotes the rotation of the LNB in relation to its vertical position in the bracket. This allows precise positioning of the LNB to obtain the best possible reception quality (e.g. in Germany 42° East is required for Tüksat).

LOF (Local Oscillator Frequency): stated in MHz or GHz, varies depending on the LNB and reception frequency range. In the Ku band the relationship is: transmission frequency of the satellite - LOF = receiver reception frequency

MPEG-2: data compression process for images and sound. In contrast to conventional analog technology (where 25 full images with all information are transmitted per second) the MPEG process deals with only the actual changes in the image.

Multi-feed: a technique that allows reception of multiple satellites using one a single fixed aerial.

Multi-switch: conventional distributors are insufficient to distribute satellite signals. Each subscriber must be able to switch between different reception levels, frequency ranges and even different satellites. Only by this means is reception of all programmes possible. For this, an electronic changeover switch is required, which is called a multi-switch (up to 100 subscribers). Many models also allow a feed of conventional terrestrial programmes. When receiving from 2 or more satellites the DiSEqC switch is required, which controls multi-switches and also receivers.

Network Search: some transponders receive within the digital data stream a list with the data for other transponders, so as for example to facilitate a search for all programmes of a provider, which may occupy several transponder frequencies. Data transmitted in this way are however often incorrect or incomplete.

Aperture angle: the aperture angle of a SAT aerial can be regarded as denoting the "angle of view" of the SAT aerial towards the satellite. It is expressed in degrees and depends on the design and size of the SAT aerial. To prevent interference from nearby satellites it is recommended that the aperture angle should where possible be less than 3 degrees. SAT aerials of diameters from 60 cm offer this capability.

List of the most used designs for **parabolic mirror** satellite (reception) aerials. Concentrates the electromagnetic waves in the feed system (LNB).

Signal Level Adjuster: for reducing levels that are too high (cable equalisation)

Polarisation: this is plane of the electrical components of an electromagnetic wave (direction of oscillation). For satellite transmission two different planes are used: the horizontal and the vertical (linear polarisation), the better to exploit the frequency spectrum.
The system is based the bands for two adjacent channels being positioned so they partially overlap each other. The interference that could result is prevented by polarising the two channels in different planes.

QAM (Quadrature Amplitude Modulation): digital modulation process with phase shift keying, used for transmission in cable networks.

QPSK (Quadrature Phase Shift Keying): digital modulation process used for satellite transmission.

Return Channel: projected interactive applications such as home shopping or Internet access require a return channel. This can for example be provided by a modem incorporated within the digital receiver.

SMATV (Satellite delivered Master Antenna Television System): communal system that has been extended for the reception of satellite signals.

SR (Symbol Rate): parameter that must be entered to allow manual searching of the receiver (e.g. 22000, 27500).

Terrestrial: denotes all radio services on the surface of the earth with the exception of space and astronomical broadcasting. A "normal" (terrestrial) domestic aerial can receive TV and radio programmes.

Tone-Burst: a type of Mini-DiSEqC has been defined as an economical way of extending old systems to a wider circuit configuration (in addition to 14/18 Volt and 22 kHz). This is often referred to as Simple DiSEqC or as Tone-Burst. This merely modulates a sequence of bits "0" (satellite A) or "1" (satellite B) to the 22 kHz signal. The Tone-Burst signal was developed to permit simple changing over between two LNBs and is suitable for controlling relays (two inputs at one output) and for the new Monoblock LNB. For SAT position A the 22 kHz signal is sent continuously, for SAT position B it is pulsed. A Tone-Burst signal lasts for about 12.5 ms.

Transponder frequency containing multiple channels. In analog systems a TV program and multiple sound channels can be transmitted for each transponder. In digital systems (QPSK) is the transmission capacity is 6-10 TV programmes with sound channels.

Carrier: wave at very high frequency, which by means of modulation is able to convey a radio or TV signal over a very great distance.

Carrier/Noise: describes the signal quality of the aerial that is forwarded to the receiver. (also C/N ratio). The C/N ratio is measured in dB and must always be above the threshold level (> 6 dB) of the receiver.

Twin-Receiver: satellite receiver with two separate independent reception components in one box (e.g. for independent connection of a TV receiver and a video recorder)

Triple play capability to use broadband cable for broadcasts (television), telephone and Internet. Twin receiver satellite receiver with two separate, independent receivers in a single housing (e.g. for independent connection of a TV receiver and a video recorder).

USB-Box: external box which is connected to the PC through the USB port (Universal Serial Bus). This external box allows digital radio and TV programmes, and also multi-media services to be received by satellite.

Power Supply: the satellite receiver supplies the LNB with power via the coaxial cable.
The voltage of the supply also determines which polarisation plane is returned by the LNB.
14 Volt = vertical, 18 Volt = horizontal polarisation planes.

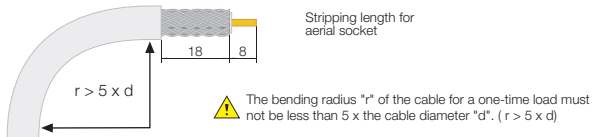
Distributor: for distributing the energy of an incoming main trunk cable into two or more trunk cables.

Amplifier: for increasing the aerial signal level

Video bit rate: quantity of data transmitted per second by a digital video signal.

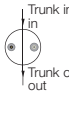
Switch: for combining or splitting frequency ranges and individual channels.

Instructions for coaxial cables



Attenuation types

Transmission loss
Attenuation for through-sockets between trunk input and trunk output



Attenuation
For through-sockets and single sockets.Attenuation between trunk input and the output sockets.



Decoupling internal
Attenuation between plug output and socket output.



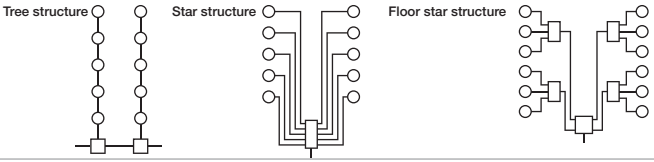
Directional attenuation
Attenuation between trunk output out and the output sockets



Decoupling
Attenuation between two aerial sockets.



Cabling structures



Planning recommendations

Terminal boxes have no decoupling, and are always branched with splitters. The connection at a branch is also called a spur, and only here can a terminal box be connected. At the through passage of a splitter, on the other hand, only through-sockets or other splitters may be connected. Distributors (too little decoupling) only through-sockets can be connected, because only in this manner will the de-coupling be sufficient. The last through-socket must be terminated with a 75 ohm terminating resistor.

Noise factor C/N

The signal-to-noise ratio is the ratio, expressed in decibels, of the signal power to the noise power. The noise factor indicates how much smaller the signal-to-noise ratio at the output of an active module (e.g. amplifier) is than the signal-to-noise ratio at the input.

Signal-to-noise ratio	Noise	picture quality
< 46 dB	not visible	very good
37 dB	visible, but not annoying	good
30 dB	clearly visible, annoying	unsatisfactory
< 26 dB	outweighs	unusable

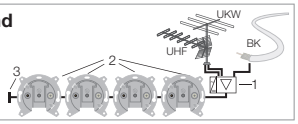
Level recommendation at the aerial sockets based on EN 50083-7:

Frequency (measuring device setting)	Level in dBµV (unsensitiv) min.	Level in dBµV (unsensitiv) max.	Slope max.	noise factor/Quality/ bit error rate
UKW 87,5 - 108 MHz (FM)	50	70	15	C/N: 38 dB Mono C/N: 48 dB Stereo
Terrestrial analogue 87,5 - 108 MHz (VSB-AM)	60	80	12	C/N: 44 dB
Terrestrial digital 47 - 862 MHz (COFDM)	45	70	12	C/N: 25 dB; BER: < 2.0 E-4 (before Viterbi FEC 3/4) | MER: 24 dB
CATV analogue 47 - 862 MHz (VSB-AM)	60	80	12	C/N: 44 dB
CATV digital 47 - 862 MHz (64-QAM)	47	67	12	BER: 2.0 E-7 MER: 30 dB
SAT-IF analogue 950 - 2150 MHz (FM)	47 (55)	77 (70)	15 (7)	C/N: 15 dB at 27 MHz C/N: 12 dB at 36 MHz
SAT-IF digital 950 - 2150 MHz (QPSK)	47 (53)	77 (70)	15 (7)	C/N: 11 dB; BER: 2.0 E-4 (before Viterbi FEC 3/4) MER: 15 dB

- LCD, plasma and 100 Hz televisions need larger signal-to-noise ratios for a visually less noisy picture (50 dB). The level should not exceed 74 dB.
- Execute the system as a star topology if possible
- Install splitters and distributors in accessible spaces
- Install coaxial cables in ductwork systems
- Observe bending radii of the coaxial cables
- Install amplifiers in dry spaces with their own power supply
- Provide a ductwork connection to basement storage
- Connect building distribution network to building equipotential bonding
- Frequency range broadband cable network BC: 47 - 862 MHz
- Frequency range SAT-IF: 950 - 2400 MHz
- Dimension aerial sockets for broadband
- Shielding efficiency building distribution network min. 75 dB better according to Class A
- Use return path compatible components for connection to the backbone

Aerial system terrestrial and/or broadband cable BK in tree structure

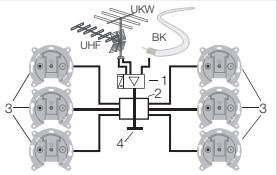
1: Amplifier
2: Aerial socket 2-hole Pass-through socket order no. 4515
3: Terminal resistor order no. 4503



Aerial system terrestrial and/or broadband cable BK in radial structure

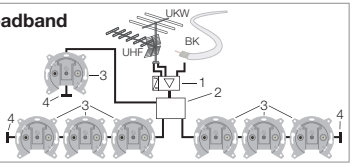
1: Amplifier
2: Tap
3. Aerial socket 2-hole Single socket order no. 4502
4: Terminal resistor order no. 4503

⚠ If only 1 aerial socket is available in a broadband cable system, a through box with terminating resistor must be used.



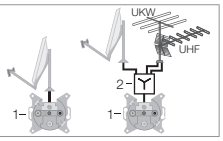
Aerial system terrestrial and/or broadband cable BK in tree/radial structure

1: Amplifier
2: Distributor
3: Aerial socket 2-hole pass-through socket order no. 4515
4: Terminal resistor order no. 4503



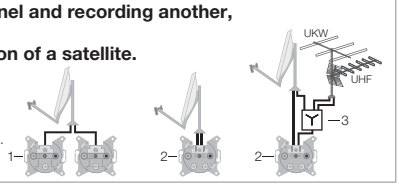
SAT aerial system with single universal LNB for analog and digital reception of a satellite.

1: Aerial socket 3-hole single socket order no. 4522
2: Switch for insertion of terrestrial signals e.g. for regional FM/TV reception.



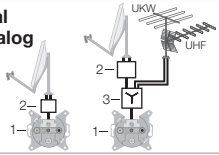
SAT aerial system with twin universal LNB for 2 receivers or twin receiver for viewing one channel and recording another, e.g. 2 x Astra. For analog and digital reception of a satellite.

1: Aerial socket 3-hole
Single socket order no. 4522
2: Aerial socket 4-hole
Single socket order no. 4594
3: Switch for insertion of terrestrial signals e.g. for regional FM/TV reception.



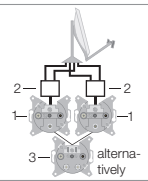
SAT aerial system with 2 squinting single universal LNBs e.g. for Astra and Eutelsat reception For analog and digital reception of two satellites.

1: Aerial socket 3-holeSingle socket order no. 4522
2: DiSEqC switch
3: Switch for insertion of terrestrial signals e.g. for regional FM/TV reception.



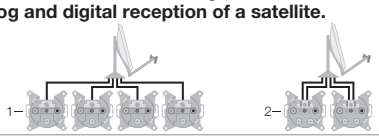
SAT aerial system with 2 squinting single universal LNBs e.g. for Astra and Eutelsat reception For analog and digital reception.

1: Aerial socket 3-hole single socket order no. 4522
2: DiSEqC switch
4: Aerial socket 4-hole single socket order no. 4594
4-hole aerial socket for viewing one channel and recording another.



SAT aerial system with Quattro switch LNB e.g. for 4 receivers, e.g.4 x Astra. For analog and digital reception of a satellite.

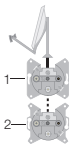
1: Aerial socket 3-hole
Single socket order no. 4522
2: Aerial socket 4-hole
Single socket order no. 4594



Aerial system SAT with single universal LNB for approx. 3 aerial sockets. For analog and digital reception of a satellite. Also for use behind a multi-switch!

1: Aerial socket 3-hole pass-through socket order no. 4593
2: Aerial socket 3-hole single socket order no. 4522

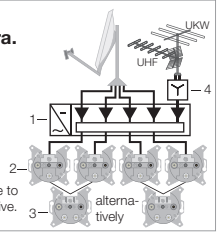
Function: If both aerial sockets are used at once, the plane (horizontal or vertical) is determined at the first aerial socket and so only this is available to be received at the second aerial socket.



Aerial system SAT with Quattro universal LNB for analog and digital reception of a satellite, e.g. Astra.

1: Multi-switch with amplifier
2: Aerial socket 3-hole single socket order no. 4522
3: Aerial socket 4-hole single socket order no. 4594
alternatively 4-hole aerial socket for viewing one channel and recording another.
4: optional switch or amplifier only when the terrestrial input is being used.

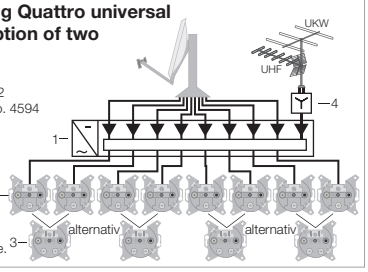
By cascadable multi-switches and taps/distributors expandable to > 100 subscribers optionally with terrestrial input as an alternative.



SAT aerial system with 2 squinting Quattro universal LNBs for analog and digital reception of two satellites e.g. Astra and Eutelsat.

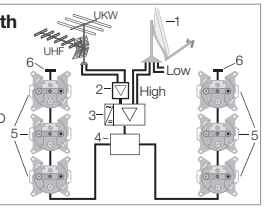
1: Multi-switch with amplifier
2: Aerial socket 3-hole single socket order no. 4522
3: Aerial Aerial socket 4-hole single socket order no. 4594
alternatively 4-hole aerial socket for viewing one channel and recording another.
4: optional switch or amplifier only when the terrestrial input is being used e.g. for regional FM/TV 1 reception. 1.

By cascadable multi-switches and taps/ distributors expandable to > 100 subscribers optionally with terrestrial input as an alternative.



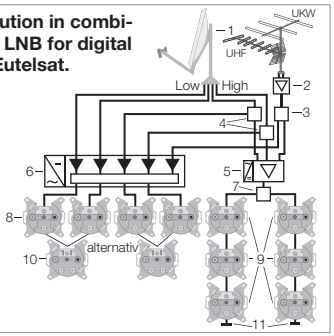
Antenna system SAT single-cable solution with Quattro Switch LNB for digital reception of a satellite, e.g. Astra or Eutelsat.

1: SAT antenna from Hirschmann type: CS 400
2: Amplifier from Hirschmann type: GNS 320
3: Digital single-cable system device from Hirschmann type: CEF 211 D
4: Distributor 4gang from Hirschmann type: VFC 0741 SF
5: Aerial socket 3-hole throughpass socket order no. 4523
6: Terminating resistor order no. 4503
Functional only with the specified types.



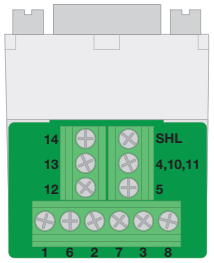
Antenna system SAT single-cable solution in combination Multiswitch on Quattro Switch LNB for digital reception of a satellite, e.g. Astra or Eutelsat.

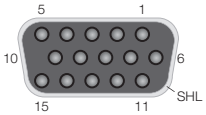
1: SAT antenna from Hirschmann type: CS 400
2: Amplifier from Hirschmann type: GNS 320
3: Distributor from Hirschmann type: VFC 0421
4: Distributor from Hirschmann type: VFC 0421 SF
5: Digital single-cable system device from Hirschmann type: CEF 211 D
6: Multiswitch from Hirschmann type: CKR 5041
7: Distributor from Hirschmann type: VFC 0631 SF
8: Aerial socket 3-hole single box Order no.: 4522
9: Aerial socket 3-hole throughpass socket Order no.: 4523
10: Aerial socket 4-hole single box order no. 4594
11: Terminating resistor order no. 4503
Functional only with the specified types.



VGA module

The VGA module is used to connect display devices to a graphics card. VGA cables can, depending on their quality, even at lengths of less than 5 m be susceptible interference, or may still transmit a good signal a more than 30 m. Cables suitable for high frequency cables with a coaxial construction are advantageous for the colour channels.





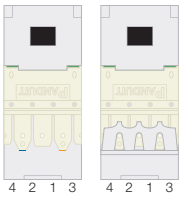
PIN	Transfer signal	Conductor
1	Red	Coaxial conductor
2	Green	Coaxial conductor
3	Blue	Coaxial conductor
4*	Monitor ID Bit 2	Twisted pair conductor (optional connection)
5	Earth	Twisted pair conductor
6	Red earth	Coaxial shield
7	Green earth	Coaxial shield
8	Blue shield	Coaxial shield
9	Not assigned	Not contacted
10*	Synch, earth	Twisted pair conductor
11*	Monitor ID Bit 0 or digital earth	Twisted pair conductor (optional connection)
12	Monitor ID Bit 1	Twisted pair conductor (optional connection)
13	Horizontal synchronisation	Conductor 1
14	Vertical synchronisation	Conductor 2
15	Monitor ID Bit 3	Not contacted
SHL	Housing shielding	Outer shielding

* are connected together to a terminal.

S-Video module

The S-Video (also known as Separate Video, Y/C) module is used in order to transmit brightness (luminance) and colour (chrominance) information separately. The cable length should not exceed 10 m.

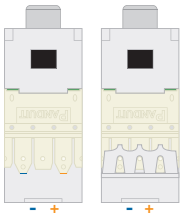
PIN	Transfer signal
1	Luminance (Y) earth
2	Chrominance (C) earth
3	Intensity (luminance) Y
4*	Colour (chrominance) C





Cinch module

Cinch (RCA) designates a standardised connector for transmission of electrical signals, preferably via coaxial cables. The use of other types of cables is not widespread, but is possible.

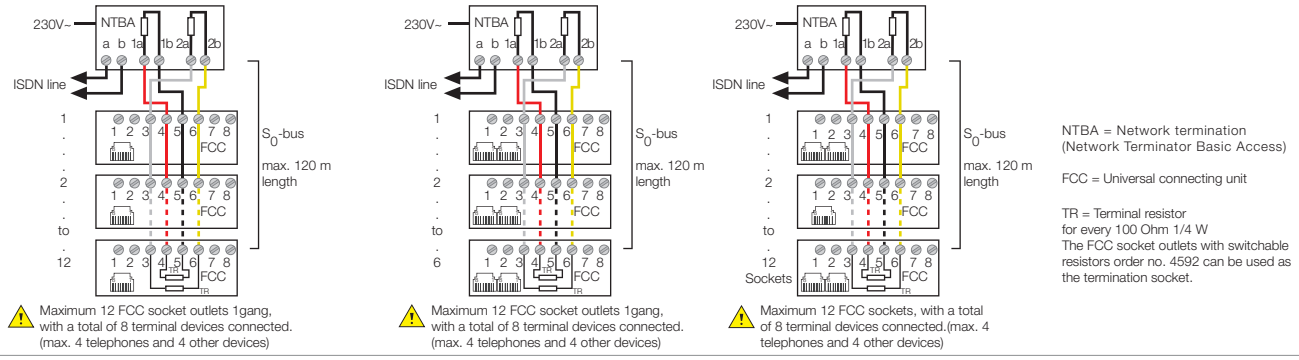




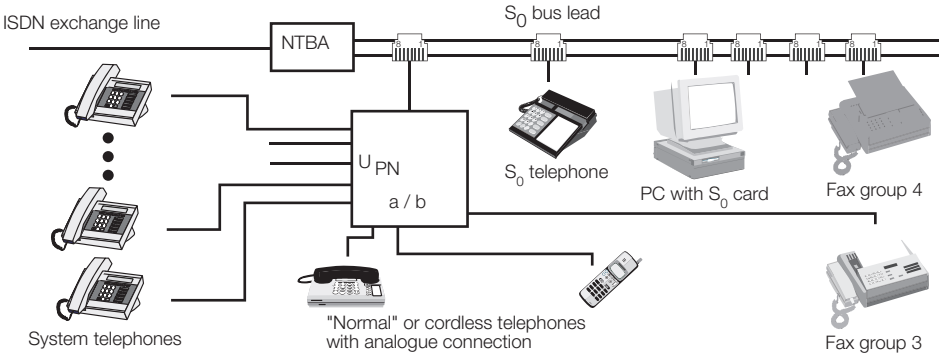
Arrangement in cable in star 4 configuration



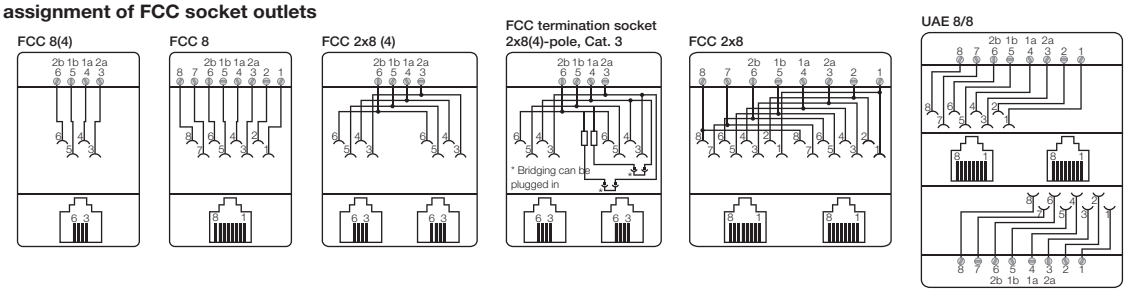
Connection variants on ISDN-S_0 bus



ISDN system

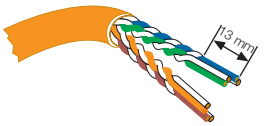


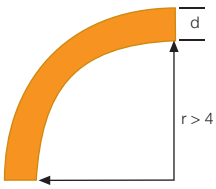
Pin assignment of FCC socket outlets



Notes on Cat. 5 and 6 cables

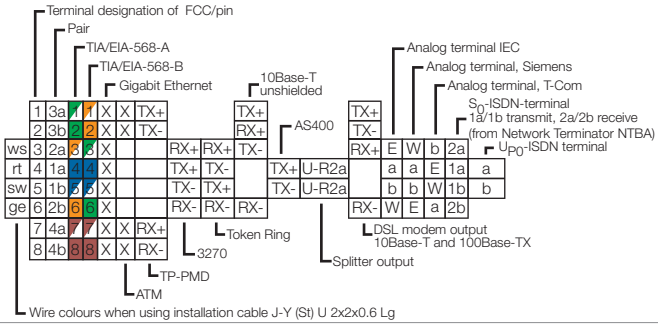
The twisted pairs must not be untwisted more than 13 mm, otherwise the transmission properties will change. For shielded cables, connect the screen.





The bend radius " r " of the cable must not be less than 4 x the cable diameter "d". (r > 4 x d)

Contact assignment FCC RJ45



Definition of terms

Resolution Measure of the size of a picture, measured by the number of pixels (pixel density) or in the number of rows and columns (width and height).

HDCP (High Bandwidth Digital Content Protection) Copy protection for high bandwidth digital program contents in conjunction with DVI and HDMI.

MPEG (Moving Video Expert Group) Reduction method for image and sound data. In contrast to analogue methods (here, 25 complete images with all the relevant information are transmitted per second), the MPEG method uses only actual image changes and calculates the full image to be displayed.

DVB (Digital Video Broadcasting) Standardised method to transmit compressed (MPEG-2, H.264) digital content (TV, radio, multi-channel sound, spatial sound, interactive services). DVB-S stands for satellite transmission, DVB-T for terrestrial and DVB-C fir cable.

Interface standards

USB (Universal Serial Bus) [USB / jack socket, order no. 33 1539 ..] Serial bus system to connect computer systems and display devices to external devices or storage media. Connection is possible during operation. The properties of connected devices are detected automatically. For home cinemas, storage media such as USB sticks and hard drives help to expand the recording devices for connection to pure playback devices

HDMI (High Definition Multimedia Interface) [High Definition socket, order no. 33 1542 ..] Interface for fully-digital transmission of audio and video data. HDMI video data are reverse-compatible to DVI-D.

DVI (Digital Video Interface) Standard interface for transmitting image data. This interface can be used to connect display devices such as LCD displays, projects, TFT monitors, plasma displays or video cameras to the graphics card of a computer.

Video transmission signals:
- **DVI-I:** analogue and digital
- **DVI-D:** digital
- **DVI-A:** analogue

Audio standards

Dolby® Digital (also termed 5.1 sound) Digital multichannel audio system for cinemas and home cinemas. Successor system to Dolby Surround (or also Dolby 2.0). Dolby® Digital supports up to 6 discreet channels (5 loudspeakers, 1 subwoofer) and uses imperfect data compression.

Dolby® TrueHD Loss-free audio codec, specially developed for use on Blu-ray.

Video standards

HD ready Technical specification for a device to play back high-definition television (HDTV):
- Analogue component input (YPbPr / YUV)
- Digital, copy-protection-capable (HDCP) input (DVI-D/-I or HDMI)
- Support of the HD video formats 720p and 1080i (for 50/60 Hz image repeat rate)

Full HD Ability of a HDTV-compatible device (receiver, TV, DVD player, video camera, games console, etc.), to output or record HD resolutions. Due to different manufacturer designs (1080p full images, 1080i half images), this is not an indication of the image quality, image dimension or the display output of the device.

HDTV (High Definition Television) Global digital recording, production and transmission standard for television with a usable image resolution of up to 1920 × 1080 pixels in a 16:9 format.

	PAL	HDTV	
		HD ready (720p)	Full HD (1080i/1080p)*
Logo			
Vertical resolution (image lines)	576	720	1080
Horizontal resolution (image columns)	720	1280	1920
Pixels (max.)	414720	921600	> 2 million
format	4:3	16:9	16:9
Frequency	50 Hz	50 – 60 Hz	50 – 60 Hz

Table 1: TV standards and data

***1080i** (interlaced, half image method)
Advantage: Half transmission rate
Disadvantage: Half images must be recombined through a converter in the TV device

***1080p** (progressive, full image method)
Advantage: No subsequent combination of the images requires, as all 1080 are shown simultaneously with full pixel accuracy within a frame
Disadvantage: Very high transmission rate

Analogue video formats	
VHS	320 x 200 pixels
Hi8	576 x 420 pixels
S-VHS	640 x 480 pixels
Digital video formats	
VCD	352 x 288 pixels
SVCD	576 x 480 pixels
DVD	max. 720 x 576 pixels

Table 2: Resolution of current PAL video formats

Video images with a low resolution of a 4:3 side ratio (SD, standard definition) must be scaled up for playback on HDTV devices. Detail losses lead to a poorer image quality.

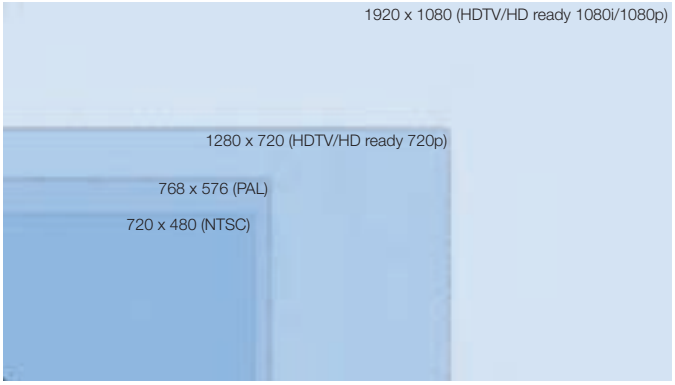
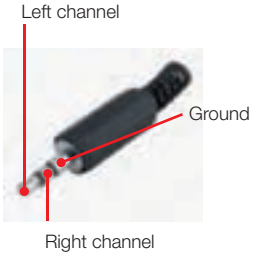


Figure 1: Format comparison

Connectors

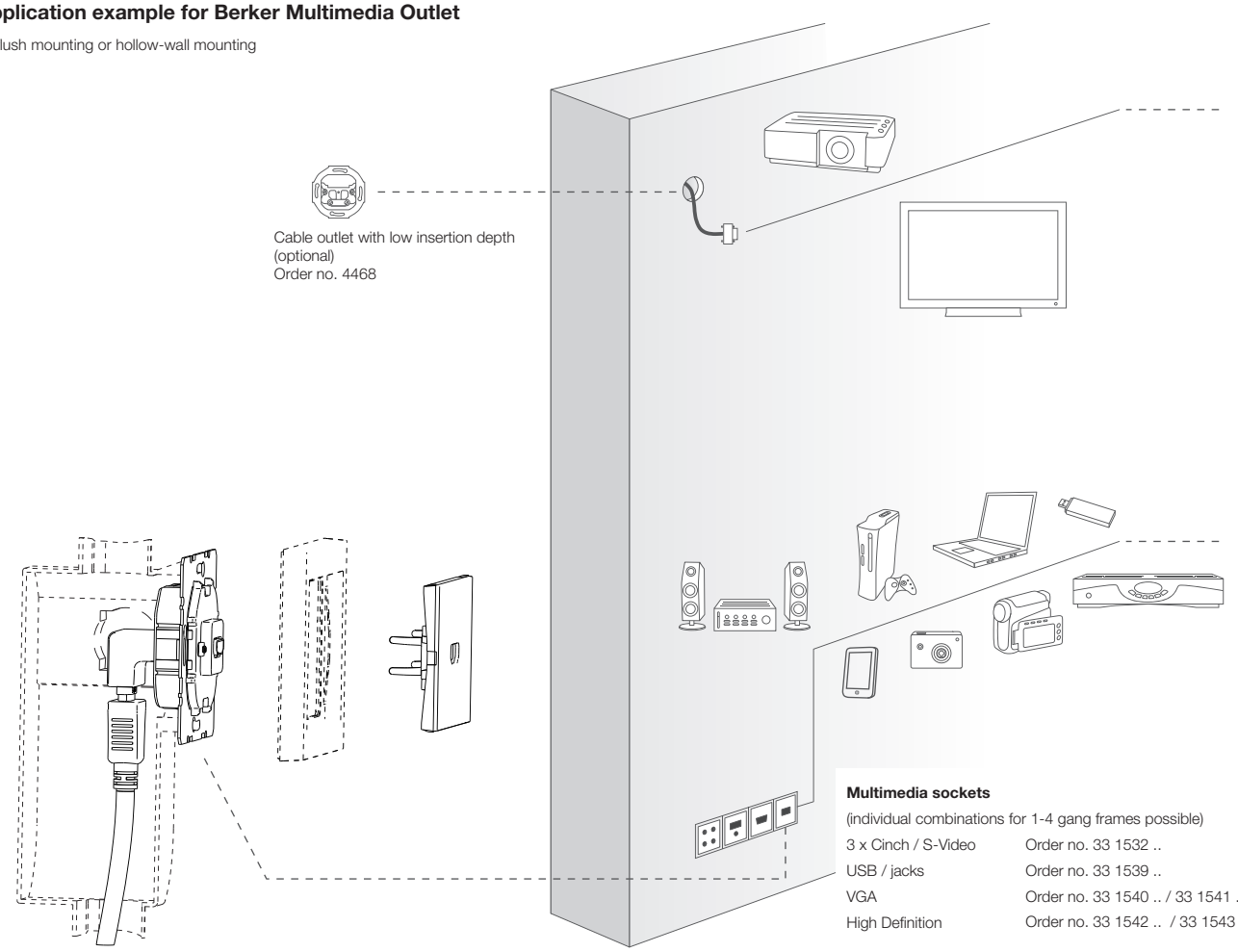
Jack connector [USB / jack socket, order no. 33 1539 ..]



(usually 2.5 or 3.5 mm Ø) to connect portable audio playback devices (e.g. iPod, CD/DVD or MP3 player) to AV receiver or amplifier.

Application example for Berker Multimedia Outlet

for flush mounting or hollow-wall mounting



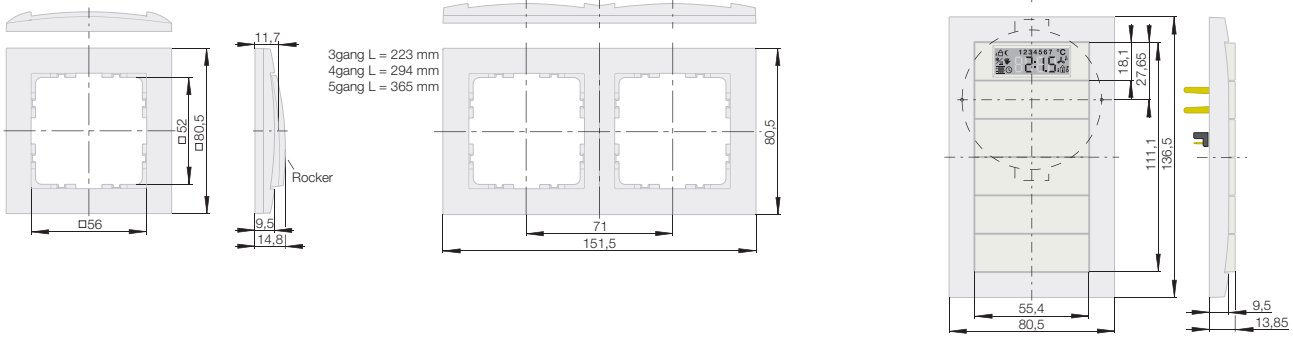
Cable outlet with low insertion depth
(optional)
Order no. 4468

Multimedia sockets

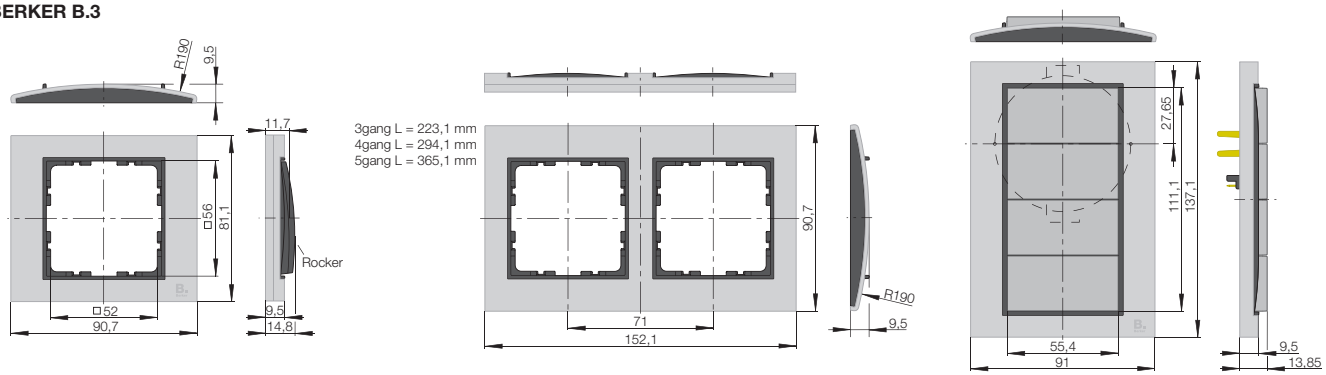
(individual combinations for 1-4 gang frames possible)

3 x Cinch / S-Video	Order no. 33 1532 ..
USB / jacks	Order no. 33 1539 ..
VGA	Order no. 33 1540 .. / 33 1541 ..
High Definition	Order no. 33 1542 .. / 33 1543 ..

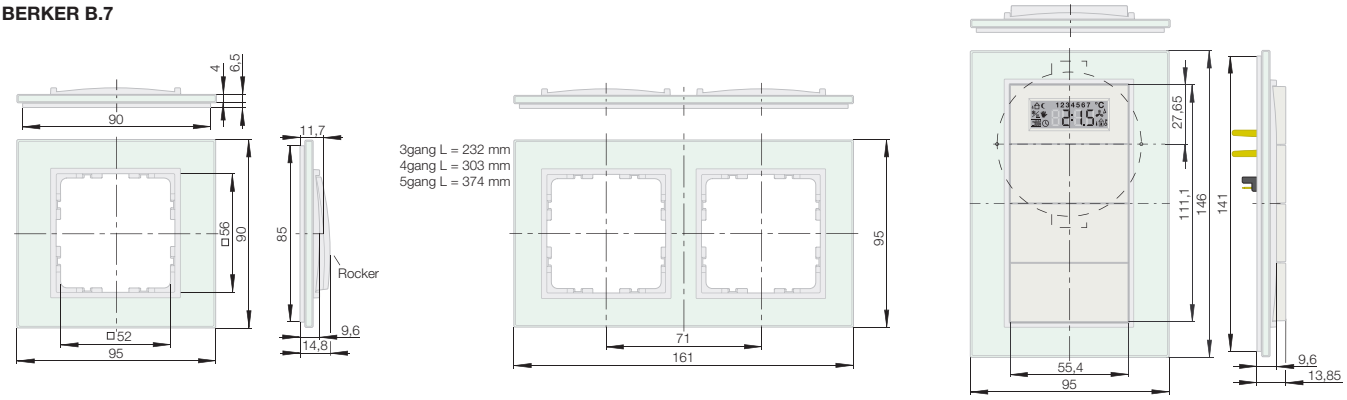
BERKER S.1



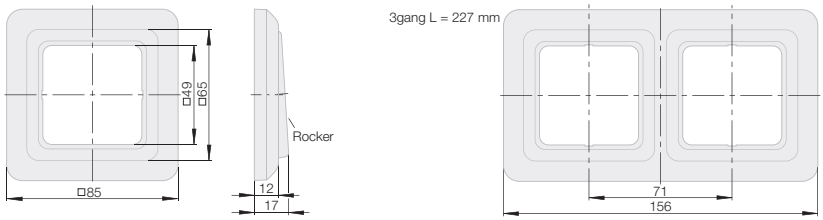
BERKER B.3



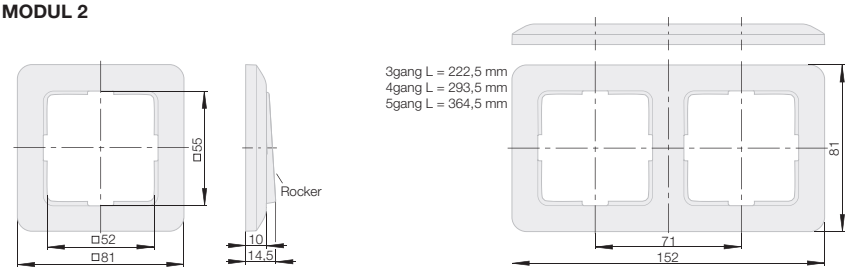
BERKER B.7



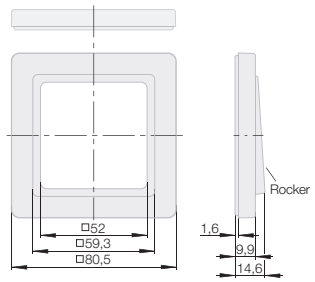
WG UP IP 44

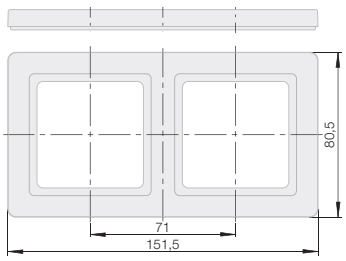


MODUL 2

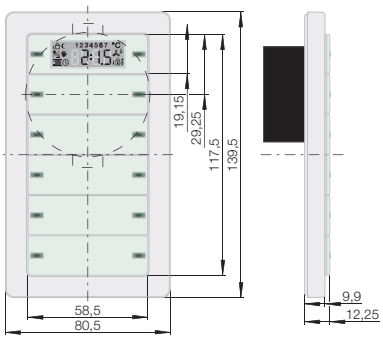


BERKER Q.1

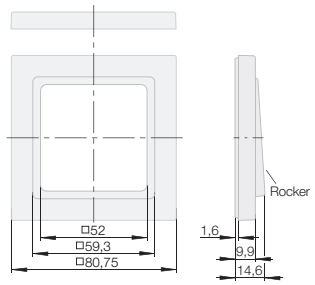


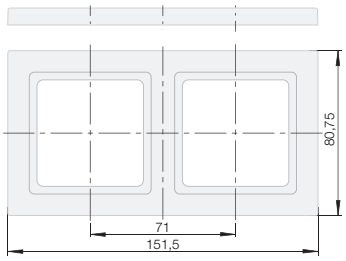


3gang L = 222,5 mm
4gang L = 293,5 mm
5gang L = 364,5 mm

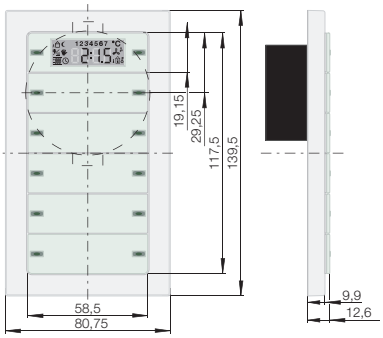


BERKER Q.3

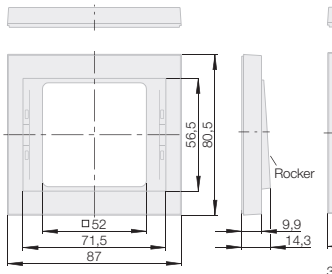


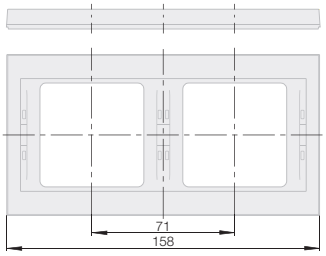


3gang L = 222,5 mm
4gang L = 293,5 mm
5gang L = 364,5 mm

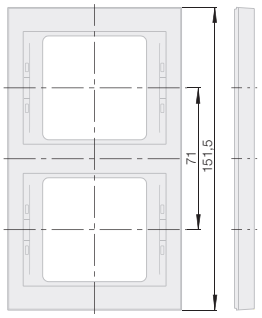


BERKER K.1/K.5

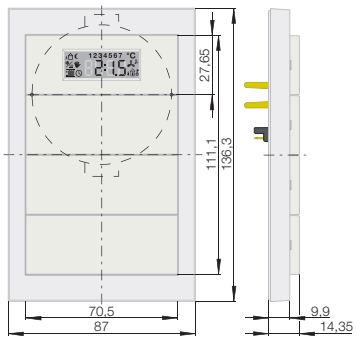




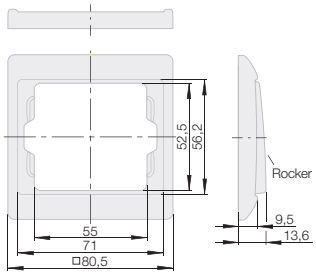
3gang horizontal L = 229 mm
4gang horizontal L = 300 mm
5gang horizontal L = 371 mm

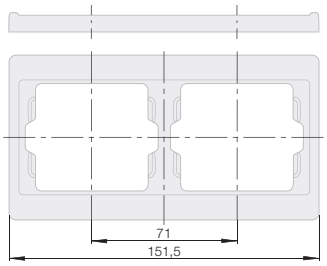


3gang vertical L = 222,5 mm
4gang vertical L = 293,5 mm
5gang vertical L = 364,5 mm

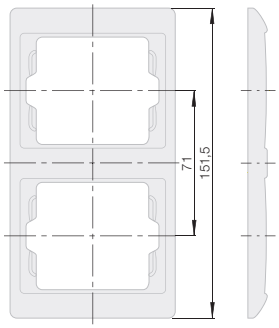


BERKER ARSYS

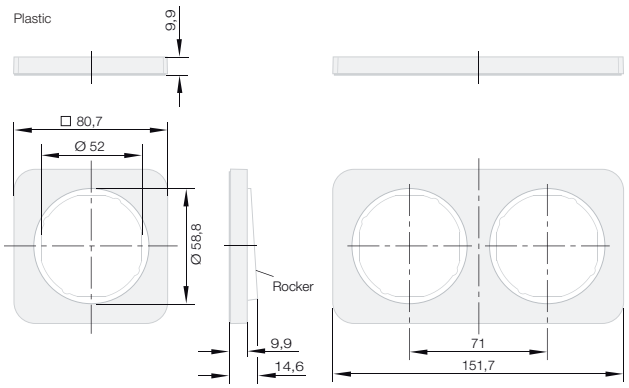




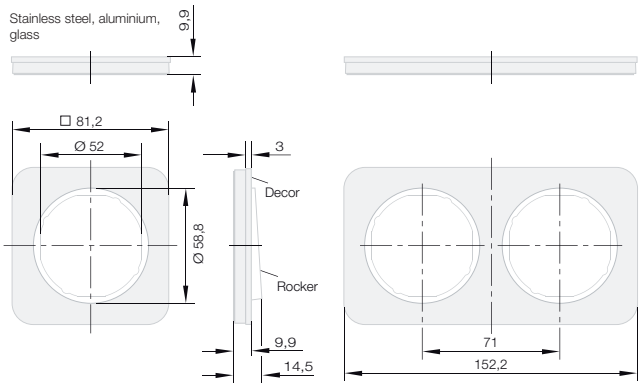
3gang L = 222,5 mm
4gang L = 293,5 mm
5gang L = 364,5 mm



BERKER R.1

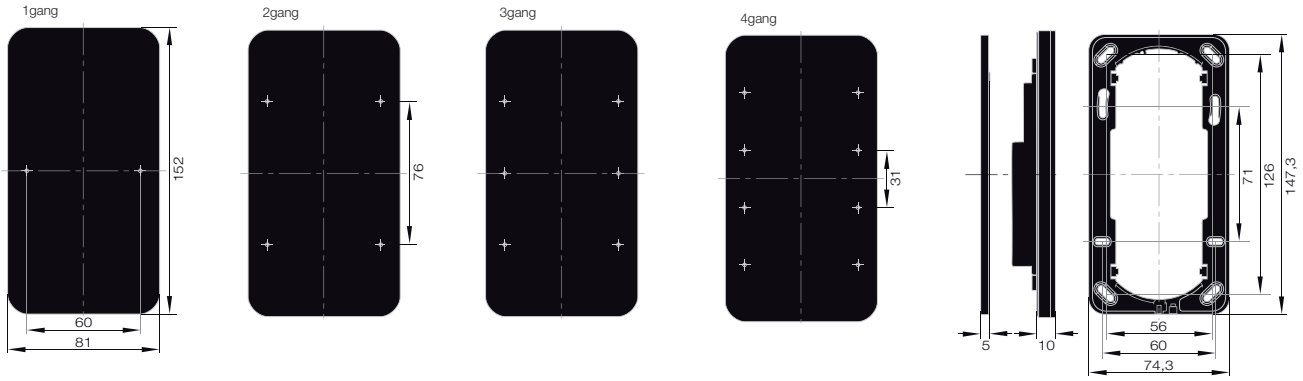


3gang L = 222,7 mm
4gang L = 293,7 mm
5gang L = 364,7 mm

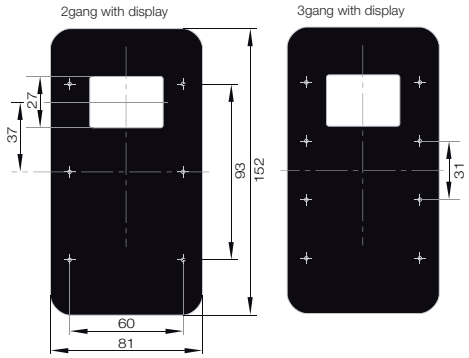


3gang L = 223,2 mm
4gang L = 294,2 mm
5gang L = 365,2 mm

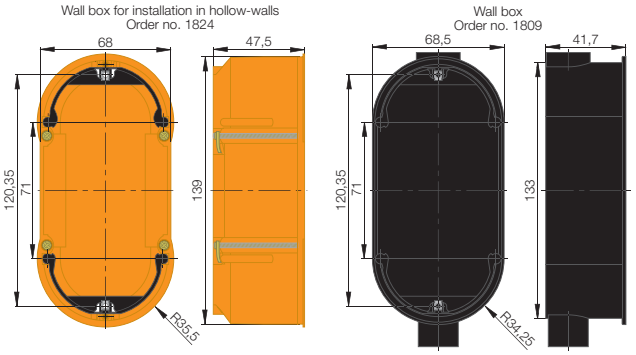
BERKER R.1 - TOUCH-SENSOR



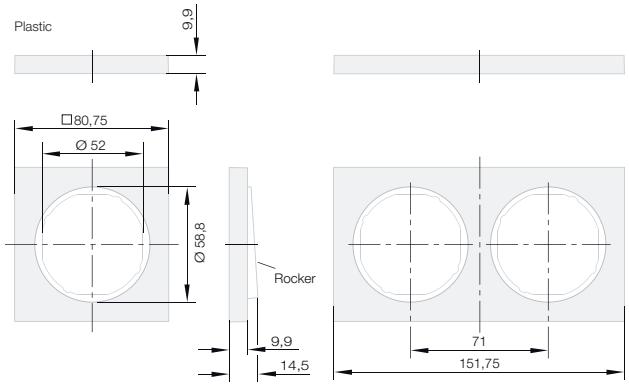
BERKER R.1 - TOUCH-SENSOR WITH THERMOSTAT



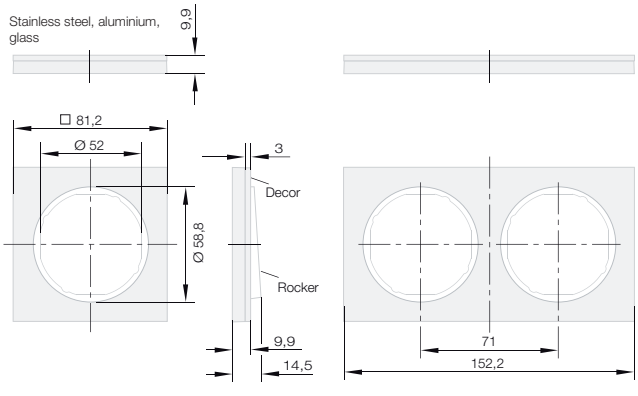
Wall boxes



BERKER R.3

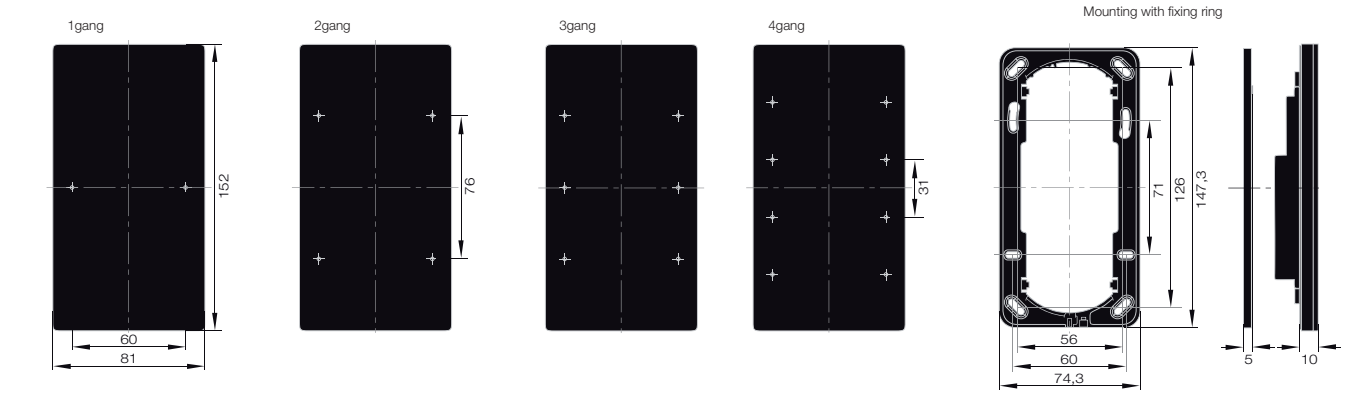


3gang L = 222,7 mm
4gang L = 293,7 mm
5gang L = 364,7 mm

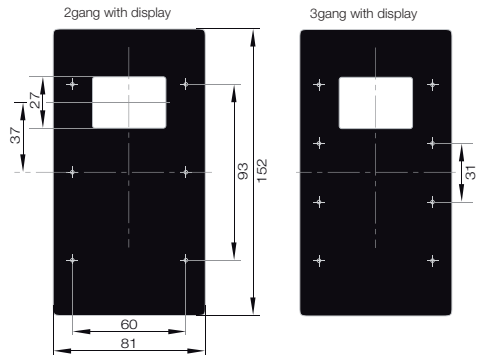


3gang L = 223,2 mm
4gang L = 294,2 mm
5gang L = 365,2 mm

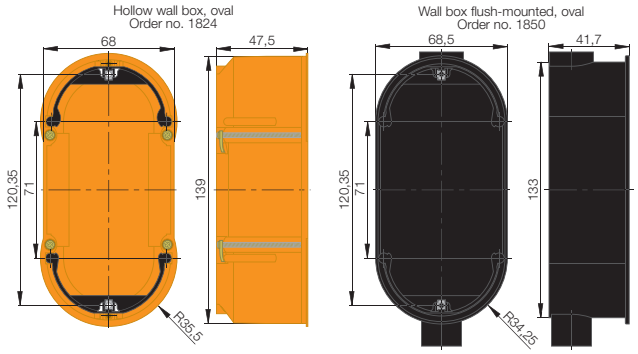
BERKER R.3 - TOUCH-SENSOR



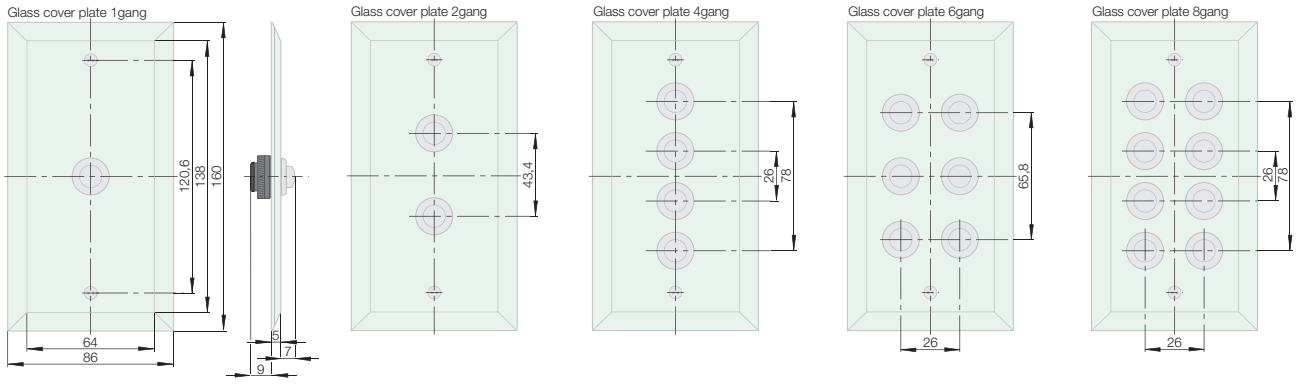
BERKER R.3 - TOUCH-SENSOR WITH THERMOSTAT



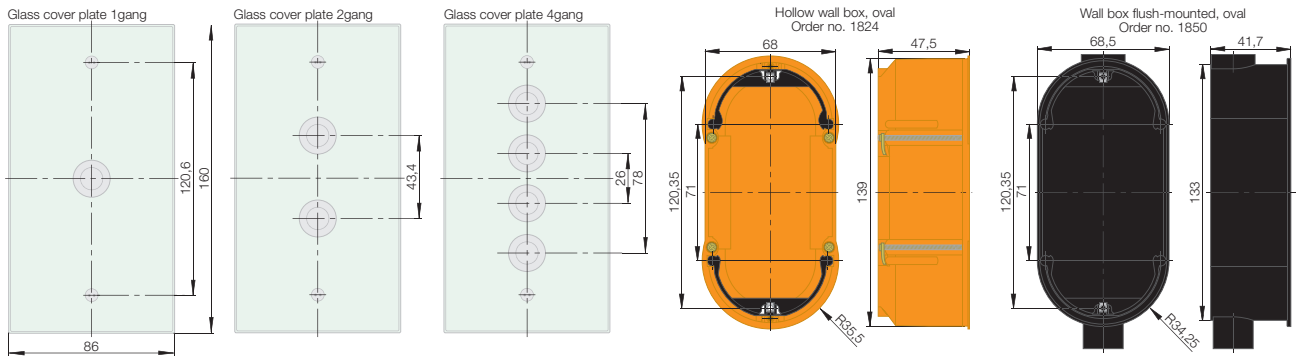
Wall boxes



BERKER TS

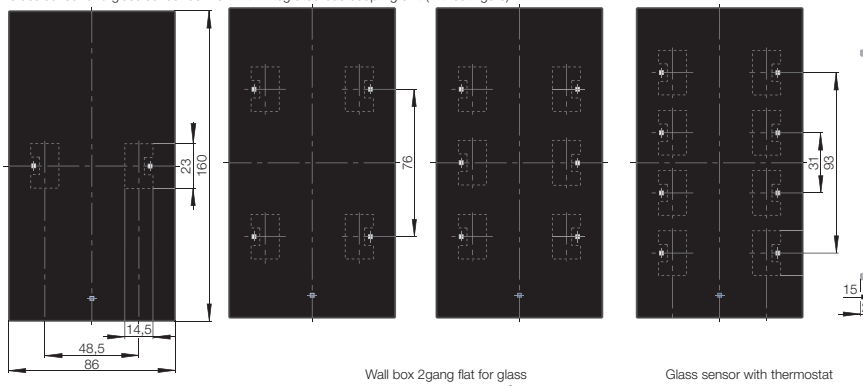


Wall boxes

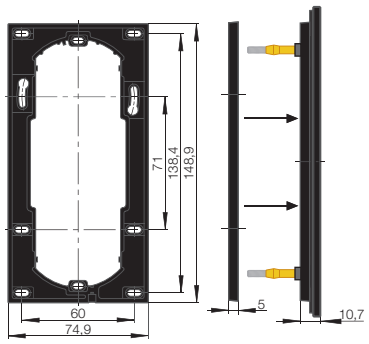


BERKER TS SENSOR

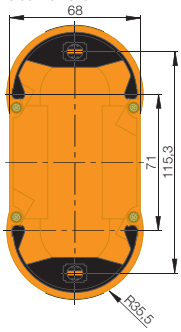
Glass sensor und glass sensor comfort with integrated bus coupling unit (without figure)

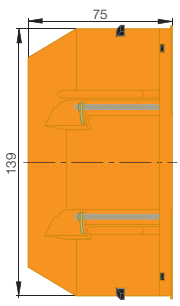


Glass sensor: Mounting with adapter ring

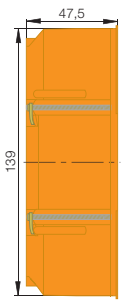


Wall box 2gang for glass sensors from Berker TS, order no.1870

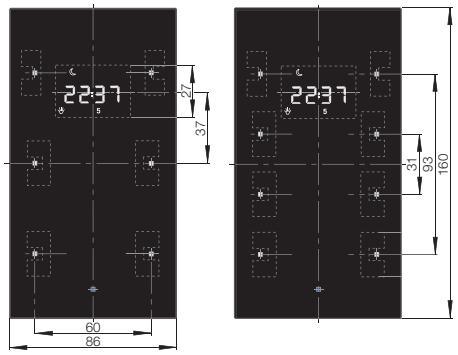


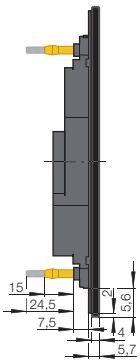


Wall box 2gang flat for glass sensors comfort and glass sensors with thermostat, order no. 1871

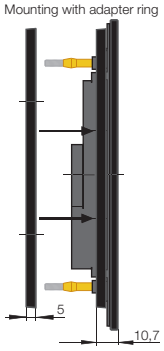


Glass sensor with thermostat

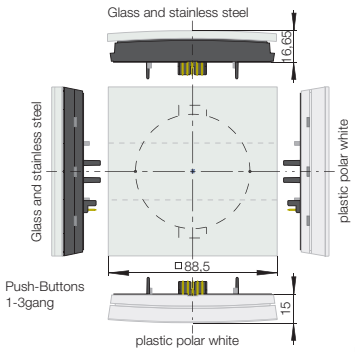


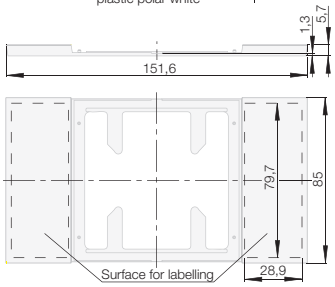


Mounting with adapter ring

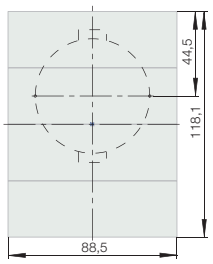


BERKER B.IQ

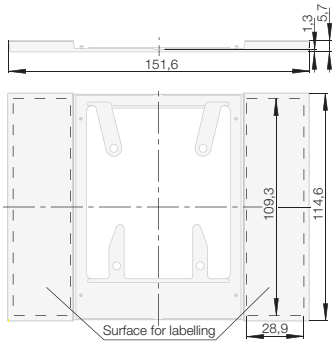




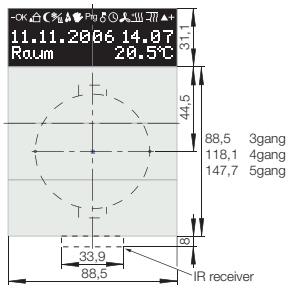
Labelling field for B.IQ push-buttons 1gang, 2gang, 3gang



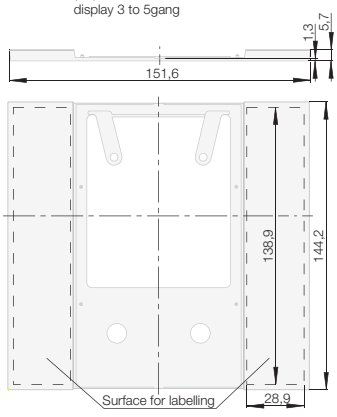
Push-Button 4gang and push-button for light scenes



Labelling field for B.IQ push-buttons, 4gang

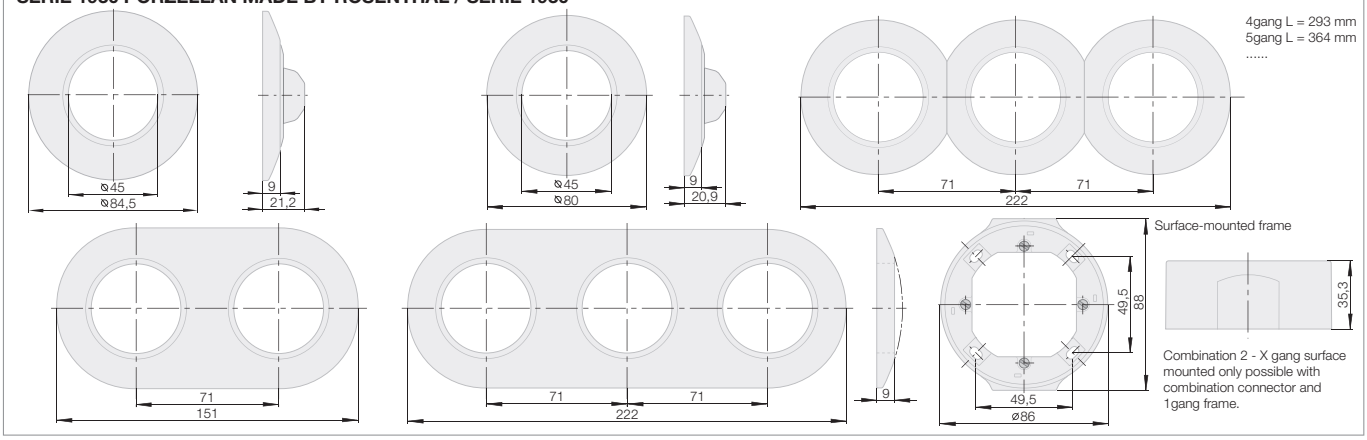


(IR-)Push-buttons with thermostat and display 3 to 5gang

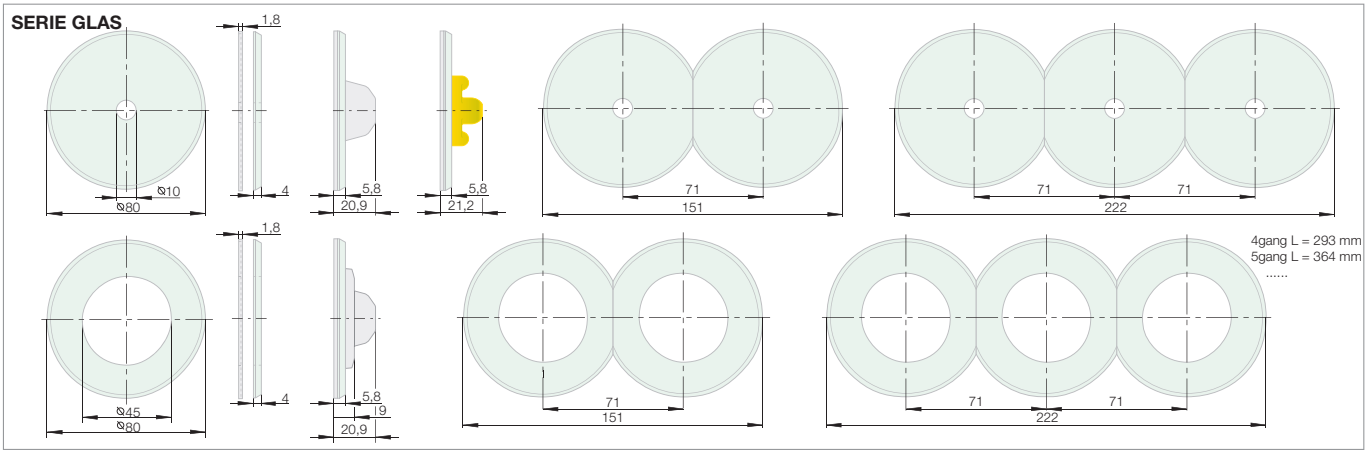


Labelling field for B.IQ push-buttons, 5gang

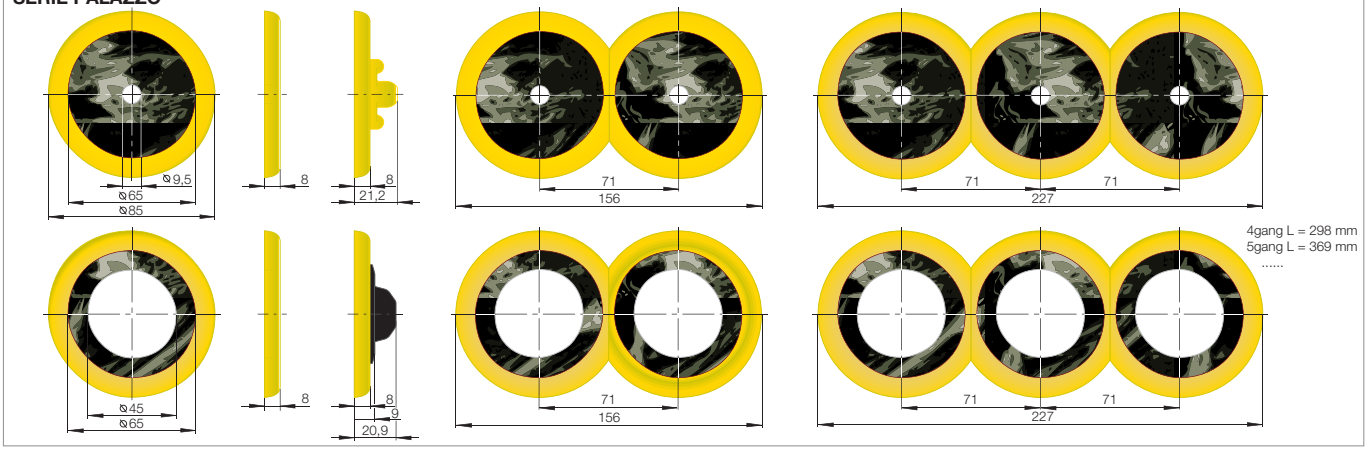
SERIE 1930 PORZELLAN MADE BY ROSENTHAL / SERIE 1930



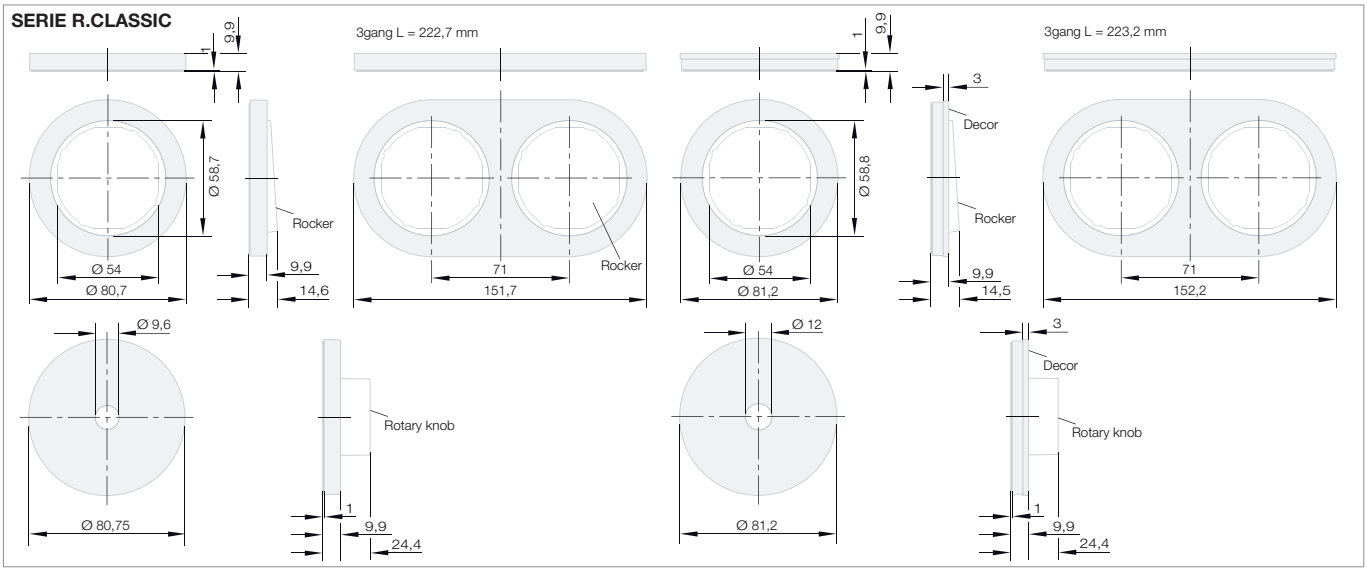
SERIE GLAS



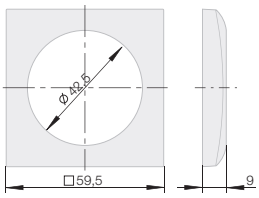
SERIE PALAZZO

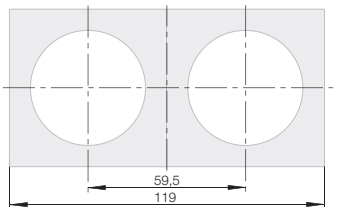


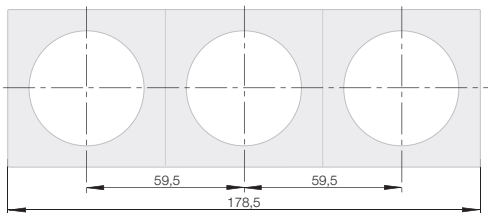
SERIE R.CLASSIC



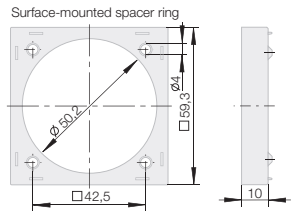
BERKER INTEGRO FLOW



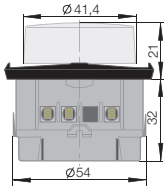




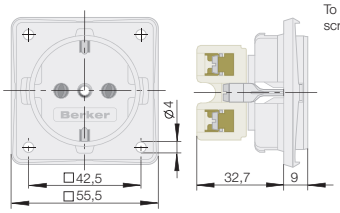
Surface-mounted spacer ring



Rotary dimmer with setting knob 400 W

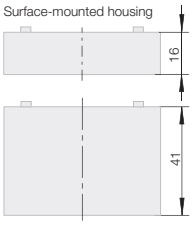


Sockets

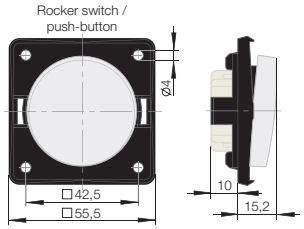


Attention!
To fasten the inserts, use flat headed screws of size M3 or M3.5.

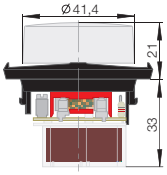
Surface-mounted housing



Rocker switch / push-button



Rotary dimmer with setting knob 200 W

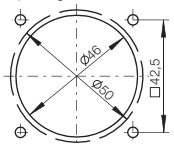


System	Insertion depth
SCHUKO socket	32,7 mm
Socket with earth pin	29,5 mm
Socket without earth contact	29,6 mm
Danish socket	27,5 mm
Swiss socket, type 13	28,0 mm
USA / Canada socket NEMA 5-15 R	19,5 mm
Italien socket	34,0 mm
Australien socket	16,5 mm
Euro-Amerikanischer standard socket	21,3 mm
British Standard socket	20,5 mm

BERKER INTEGRO FLOW

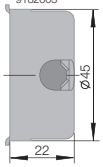
Installation cut-out

Ø 46 mm or Ø 50 mm depending on wall box

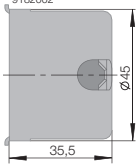


Contact protection boxes

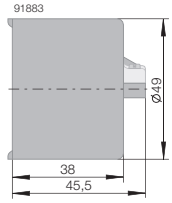
9182001
9182003



91820
9182002



91883



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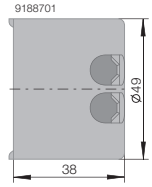
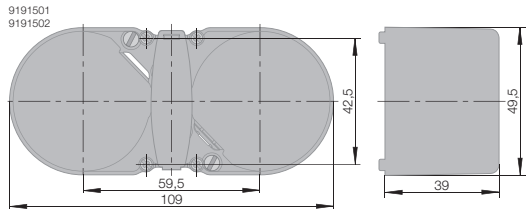
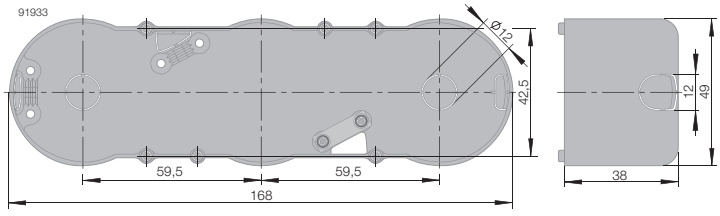


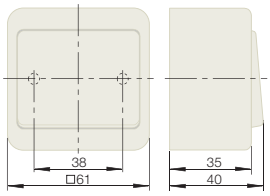
9191501
9191502

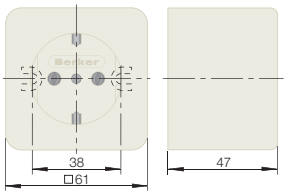


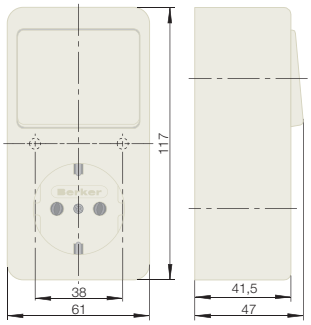
91933

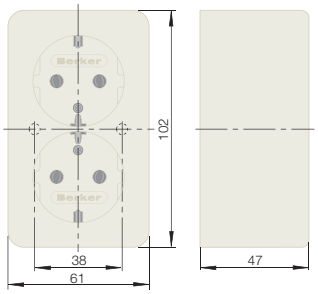


Surface-Mounted



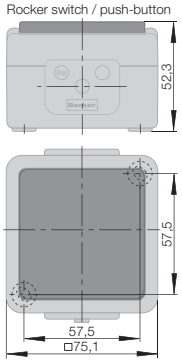




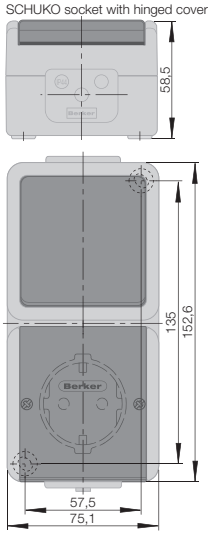


SURFACE-MOUNTED WET-ROOM INSTALLATION - AQUATEC

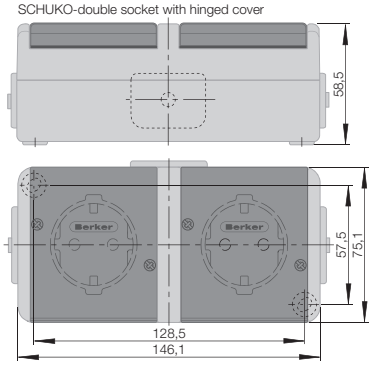
Rocker switch / push-button



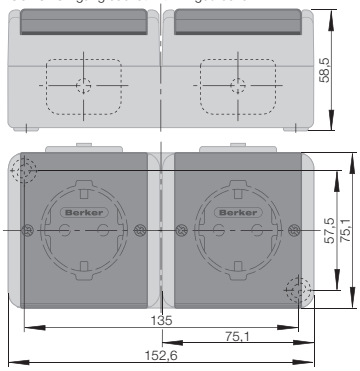
Combination rocker switch/
SCHUKO socket with hinged cover



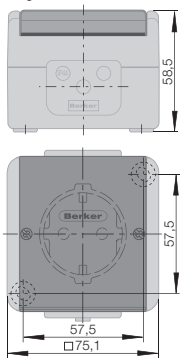
SCHUKO-double socket with hinged cover



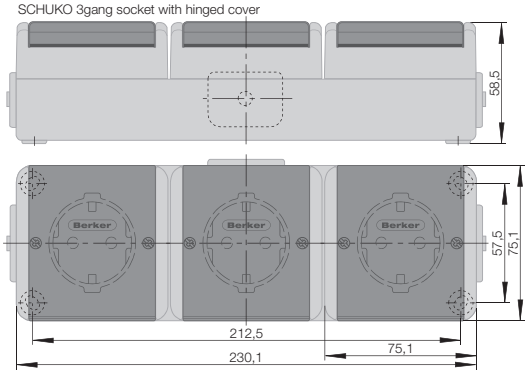
SCHUKO 2gang socket with hinged cover



SCHUKO socket with
hinged cover

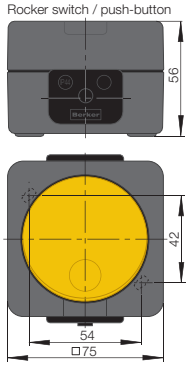


SCHUKO 3gang socket with hinged cover

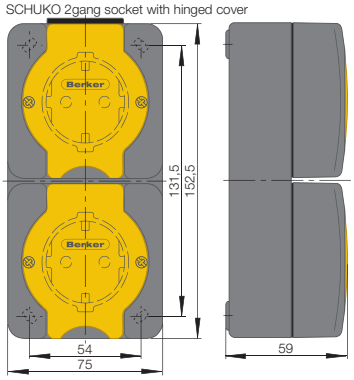


SURFACE-MOUNTED WET-ROOM INSTALLATION - ISOPANZER

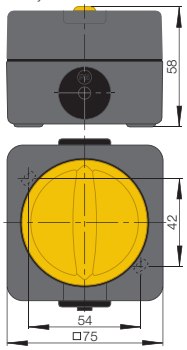
Rocker switch / push-button



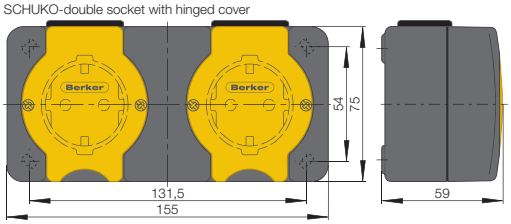
SCHUKO 2gang socket with hinged cover



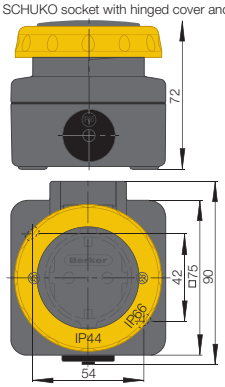
Rotary switch



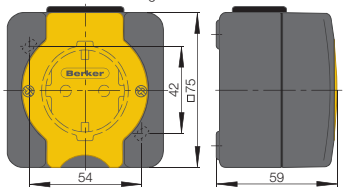
SCHUKO-double socket with hinged cover



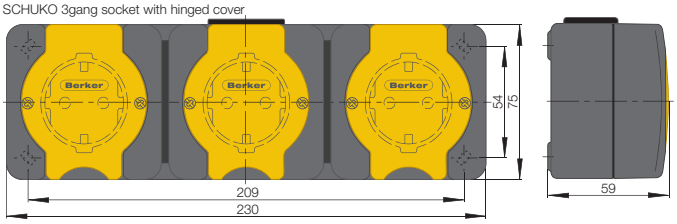
SCHUKO socket with hinged cover and bayonet lock



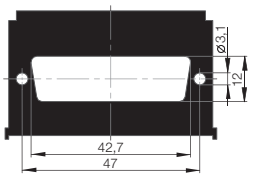
SCHUKO socket with hinged cover



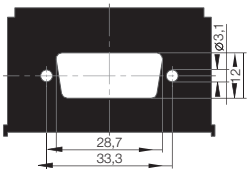
SCHUKO 3gang socket with hinged cover



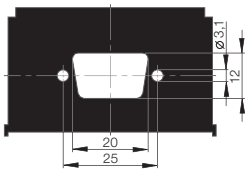
For further information, please see our online catalogue at www.berker.de



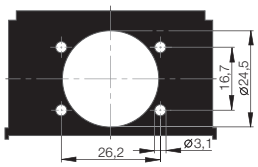
D-Subminiature connector
25pin order no. 1111 01



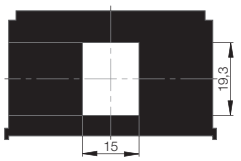
D-Subminiature connector
15pin order no. 1111 02



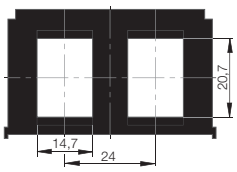
D-Subminiature connector
9pin order no. 1111 03



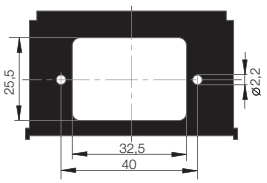
XLR built-in socket C-series
order no. 1111 05



Modular jack order no.
1111 16



for 2 x Modular jack
order no. 1112 18



for cold sleeve/connector for cold condition
order no. 1111 21

Circuit symbols in unresolved display

To simplify the planning by means of circuit symbols, we have additionally developed our own circuit symbols based on the standard or we have used symbols already existing on the market.

Some of the new underlying details:


Electronic device


Scanning arm NO contact


Scanning arm NC contact


Scanning arm change-over


Scanning arms directed to each other or in each other corresponds to common input terminal


Scanning arms directed away from each other corresponds to Isolated input terminal


Hinged covers


KNX device

Radio bidirectional


Infrared IR


Passive infrared motion detector


Passive infrared presence detector


USB connector


Binary input


Sensors

Socket outlets without earthing contact


Socket outlet without earthing contact


2gang- / double socket outlet without earthing contact


Socket outlet without earthing contact with enhanced contact protection


USB charging socket

Socket outlets with earthing contact


Plugs with earthing contact


SCHUKO socket outlet


2gang / double SCHUKO socket outlet


3gang SCHUKO socket outlet


SCHUKO socket outlet with enhanced contact protection


2gang SCHUKO socket outlet with enhanced contact protection


3gang SCHUKO socket outlet with enhanced contact protection


SCHUKO socket outlet with hinged cover


2gang SCHUKO socket outlet with hinged cover


3gang SCHUKO socket outlet with hinged cover


SCHUKO socket outlet with hinged cover with enhanced contact protection


SCHUKO socket outlet with hinged cover and lock


2gang SCHUKO socket outlet with hinged cover and lock


Illuminated SCHUKO socket outlet


Illuminated SCHUKO socket outlet with enhanced contact protection


Illuminated SCHUKO socket outlet with hinged cover


SCHUKO socket outlet that can be switched off with enhanced contact protection


SCHUKO socket outlet with overvoltage protection


SCHUKO socket outlet with residual current circuit-breaker (RCCB) and enhanced contact protection


Three-phase plug with neutral and earthing contact


Three-phase socket outlet with neutral conductor, earthing contact and hinged cover

Switches

On/off switch

On/off switch, 2pole

On/off switch, 2pole with lamp

On/off switch, 3pole

Series switch

Change-over switch

Intermediate switch

Double change-over switch

Pullcord change-over switch

Time on/off switch, 2pole

Key change-over switch

Key change-over switch, 2pole

SCHUKO change-over switch and socket outlet combination

SCHUKO change-over switch and socket outlet with hinged cover combination

Key on/off switch 2pole and SCHUKO socket outlet with hinged cover combination

Series switch and SCHUKO socket outlet with hinged cover combination

Push-button


Push-button, NO contact


Push-button, NO contact with 2 signal contacts


Push-button, NC contact


Push-button, change-over


Push-button, 2 NO contacts, 1 input, 1 rocker


Push-button, 2 NO contacts, 2 inputs, 1 rocker


Push-button, 1 NO contact, 1 NC contact, 2 inputs, 1 rocker


Push-button, 2 NO contacts, 1 input, 2 rockers


Push-button, 2 NO contacts, 2 inputs, 2 rockers


Push-button, 1 NO contact, 1 NC contact, 2 inputs, 2 rockers


Push-button, 2 change-overs, 2 inputs, 2 rockers


Push-button, 4 NO contacts, 1 input


Key push-button, 1 NO contact


Key push-button, 1 change-over


Pullcord push-button, change-over with signal contact

Switch / push-button for blinds


Blind switch


Blind switch, 2pole


Key switches for blinds


Key switches for blinds, 2pole


Blind push-button


Blind push-button, 2pole


Key push-buttons for blinds


Key push-buttons for blinds, 2pole

Switches for blinds electronic


Blind switch, electronic


Blind switch electronic with sensor connection


Blind switch electronic/ blind actuator with radio receiver



Radio blind actuator, 4gang


Blind switch electronic/ blind actuator with radio bidirectional



Blind switch electronic/ blind actuator, 2 binary inputs and radio bidirectional


Blind switch electronic with timer


Blind switch electronic with timer and sensor connection


Blind switch electronic with timer and radio bidirectional


Blind switch electronic with timer sensor, connection and radio bidirectional


Cutoff relay

Special switch/push-button


Hotel card switch NO contact


Hotel card switch change-over


Hotel card switch, 1 NO contact, 1 NC contact, 2 inputs



Hotel card switch, NO contact with 2 signal contacts



3-step switch with 0-position



3-step switch without 0-position

Electronic switches/ components

Time relay for motion detector

Mains decouplers

Hotel card switch, NO contact electronic

Electronic switch

Electronic switch/switch actuator with radio receiver

Electronic switch/switch actuator with radio bidirectional

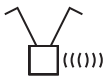
PIR motion detector with electronic contact

PIR IR motion detector with electronic contact

PIR motion detector with electronic contact and radio bidirectional


PIR presence detector with electronic contact


Electronic switch, 2gang


Electronic switch 2gang/switch actuator 2gang, with radio bidirectional


Relay switch



Relay switch with time function/ controller power pack


Relay switch/switch actuator with radio receiver


Relay switch/switch actuator with radio bidirectional


PIR motion detector with relay contact


PIR IR motion detector with relay contact


PIR motion detector with relay contact and radio bidirectional


PIR presence detector with relay contact


PIR IR presence detector with relay contact


Timer with relay contact


Timer with sensor connection and relay contact


Timer with relay contact and radio bidirectional



Relay switch/switch actuator with radio bidirectional and binary input


Relay switch, 2gang



Relay switch 2gang with time function/ controller power pack 2gang


PIR motion detector with 2 relay contacts

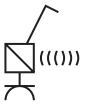

PIR IR motion detector with 2 relay contacts


PIR presence detector with 2 relay contacts



Relay switch/switch actuator 4gang with radio receiver


Adapter plug actuator with radio receiver


Adapter plug actuator with radio bidirectional


Extension unit, electronic

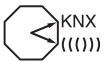

PIR motion detector extension unit


PIR presence detector extension unit


Electronic transformer


Switch power supply


Radio repeater, signal amplifier



KNX / KNX radio bidirectional gateway

Rotary dimmer rotary control units


Rotary dimmer with on/off switch


Rotary dimmer with change-over switch



1 - 10 V rotary potentiometer with on/off switch



1 - 10 V rotary potentiometer with NO contact push-button



DALI rotary potentiometer with on/off switch



DALI rotary potentiometer with on/off switch and power supply



Speed controller with on/off switch and additional contact

Touch dimmer touch control units


Touch dimmer


Touch dimmer with radio receiver

Adapter plug dim actuator with radio receiver

Touch dimmer with radio bidirectional

PIR motion detector with dim function

PIR IR motion detector with dim function

PIR motion detector with radio bidirectional and dim function

PIR presence detector with dim function

1 - 10 V touch control unit

1 - 10 V touch control unit with IR- receiver

1 - 10 V touch control unit with radio receiver

1 - 10 V touch control unit with PIR motion detector

1 - 10 V touch control unit with PIR presence detector

1 - 10 V touch control unit with PIR IR motion detector

DALI touch control unit with IR receiver

Series touch dimmers

Series touch dimmer / dim actuator 2gang with radio bidirectional

Dim actuator 4gang with radio bidirectional

Power booster for dimmer

General applications

Blank plate

Cable outlet

Pilot lamp

Pilot lamp 2gang

Wireless components

Radio hand-held transmitter

Radio wall-transmitter

Radio wall-transmitter 2gang

Radio wall-transmitter 3gang

Radio wall-transmitter 4gang

Radio motion detector

Radio presence detector

IR hand-held transmitter

Data / Telecommunication

Loudspeaker socket outlet

Stereo loudspeaker socket outlet

TV aerial socket

TAE socket outlet

FCC socket outlet

TAE-FCC combination socket

HDMI socket outlet

VGA socket outlet

S-Video socket outlet

Cinch socket outlet

S-Video and Cinch socket outlet

USB and jack socket outlet

Security and safety systems

Key switches
Motion detectors general

Siren

Alarm siren with rotating light

Smoke detectors

Magnetic contact

Radio magnetic contact

alarm central unit

KNX alarm central unit

Strike plate contact
lock switch contact

Blocking element

Glass breakage detector

Alarm distribution terminal

Overvoltage protection module

Residual current circuit-breaker

Making current limiter

HVAC components

Electro-thermal valve drive

Room thermostat with NO contact and timer

Thermostat with NO contact, sensor and timer

Room thermostat with NC contact, on/off switch and lamp

Thermostat with NO contact, sensor, on/off switch and lamp

Room thermostat with change-over

Temperature sensor

Consumer electronics door communication

VHF radio

Amplifier

Docking station

Speaker

Antenna

Klinik installation

(Double pole) socket outlet for floating output

Sensors/inputs

Brightness sensor

Wind sensor

Rain sensor

Binary input 2gang radio bidirectional

Radio binary input 2gang/ push-button interface 2gang / transmitter 2gang UP

Radio binary input 4gang

Order no.		Packaging unit	Page
1001 01		10	513
1001 09		10	513
1001 20 04	*	1	495
1001 20 14	*	1	495
1001 20 45	*	1	495
1001 20 55	*	1	495
1001 20 74	*	1	495
1001 20 83	*	1	495
1001 20 84	*	1	495
1001 20 89	*	1	495
1002 00 02		1	682
1002 00 69		1	682
1002 90 04		1	683
1002 90 11		1	683
1004 90 04		10	171
1004 90 11		10	171
1005 00 01		10	171
1005 00 02		10	171
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1005 70 03	*	10	171
1005 70 04		10	171
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1009 16 16		20	226
1009 19	#	20	291
1009 19 09		20	225
1009 19 19		20	226
1009 20		20	508
1009 20 35	*	20	508
1009 20 45	*	20	474
1009 20 79	*	20	508
1009 20 89	*	20	474
1009 21		20	508
1009 60 76	*	20	337
1009 60 79		20	337
1009 60 86	*	20	337
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