

### Take your time

In all probability, things are the same for you as they are for many of us in our industry. **The demands on our business are constantly growing**, the level of complexity rises by the day and more and more challenges seem to lie in wait for us with ever-increasing frequency. As a result, when it comes to creating **tailor-made solutions** for new construction and renovation **based on the specific needs of our customers**, time is often in short supply.

But in this day and age, that is where the real opportunities lie. By offering new concepts for building automation systems, energy efficiency and the use of renewable energies, we are able to make the **day-to-day tasks of our customers safer and more comfortable** while also ensuring our business continues to develop dynamically. Hager employs more than 800 developers, who are constantly working on these solutions all around the world. In other words: we take our time to make **truly ground-breaking innovations** and intelligent technologies which are **just as quick to install as they are easy to use**. And of course, we also continue to provide you with all of the reliable products and safe solutions we have been long known for here at Hager.

We have been doing this **for around 60 years**. And we are only as successful as we are at what we do because of the trust you continue to place in us. I would like to take this opportunity to **express our warmest thanks** to you for this continued trust in us – and to recommend that you take a good look at our new catalogue, which serves as a **practical tool for electrical engineering**.

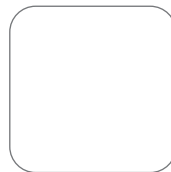
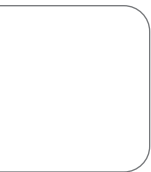
Please do take the time to consult the catalogue every now and again. It provides a **handy overview** of all of the solutions we use not only to save you a lot of time and effort, but also to **constantly tap into new sales potential**. And just in case you have any questions: we will be happy to assist you at any time. **Hager is always on your side** – as it has been for six decades and will continue to be in the electrifying future that lies ahead of us.

We at Hager look forward to **shaping this time with you**.

Best wishes,



Daniel Hager  
CEO of Hager Group



# The specialist for electrical installations

Since 1955 Hager is the specialist for electrical installations in residential and commercial sectors, as a standard you can receive everything from one source: systems and solutions with high quality, reliability and ease of installation.

## New ideas for the customers' benefit

Together with customers from industry and the electrical trade, Hager Group is working on future topics such as electro-mobility, Ambient Assisted Living, where building automation facilitates the everyday life of the elderly and individuals who require care, and on the networking

of energy-efficient housing, which will provide greater comfort while requiring less energy consumption. The link between many of these technologies will be the distribution board, the product with which the company achieved its growth.

## A leading group

The Hager brand represents the core business of Hager Group.

The company was founded in 1955 by Hermann Hager and Dr. Oswald Hager together with their father Peter and today remains an independent business, owned and run by members of the Hager family, with its head office in Blieskastel, Germany. The organisation of the company as a European Company (Societas Europaea, SE) underlines both its cultural diversity and its European roots. Hager Group is, though, a worldwide business venture: 11,400 employees and generates a turnover of around 1.6 billion euros (2013).

Highly innovative achievements provide a market edge with more than 830 employees working in R&D. With more than 5% of turnover reinvested in R&D, Hager Group filed a total of 1513 patents to date.

Components and solutions are produced in 22 production sites around the globe and customers in more than 80 countries all over the world trust in them.

# Sustainability at Hager Group: E3



Nobody knows what tomorrow will bring.

That is why at Hager Group we have chosen to anticipate risks and seize our opportunities proactively. We invest in our employees and their training, in energy efficiency and future technologies, in fair trade relations and we work actively to continuously improve our eco-balance sheet. We may be giving up more profit in the short term, but we are convinced that this is the way to achieve lasting success.

*“As a family-owned company,  
it is in our nature to remain sustainable!”*

Daniel Hager

We have translated this vision of sustainable development into a structured approach that we called E3.

## E for ethics:

the way we behave with our employees, our partners and all stakeholders. We want to provide safe and healthy working conditions, equal opportunities and career development to all our employees and promote ethical behaviour.



## E for environment:

we act with respect for the planet, to help preserve it. We optimise our resources by avoiding the use of hazardous substances and limiting the amount of harmful emissions and waste.

## E for energy:

40% of global energy production is used inside buildings, a significant proportion of it in the form of electricity. Energy management is Hager Group's speciality. We want to create value in a responsible way, shared with our suppliers, customers and other stakeholders. This includes, in particular all the solutions and services we offer our customers for safe, efficient and intelligent use of energy in buildings.



**For detailed information about E3, see [www.hagergroup.com](http://www.hagergroup.com), Sustainability.**

# Touching and inspiring

In its early days electricity was primarily associated with danger. In the meantime, it has developed into a good companion that conducts us through life at every level. And Hager has made a decisive contribution to this transition. Using innovative technology and clear-cut design, the company has given energy a ‚face‘ – one which is pleasant to look at and easy to understand – distinctive on the one hand, multifaceted on the other. Hager design not only embodies the functionality of our products but also our company’s character while taking into account that external attributes are ever more important. Today people increasingly engage with their household technical systems, giving us good reason to reciprocate and touch you with our technology – aesthetically, haptically and emotionally.



*“Everything you see and touch highlights  
the notion of ease and quality.”*

Daniel Hager



Erwin Van Handenhoven  
Design Director of Hager Group



### Strategic design management

Over the last six decades Hager's product range has grown rapidly. Moving on from specialising in meter panel systems, we have advanced to become a provider of entire electro-technical solutions for intelligent residential and commercial buildings. Whereas in the past it sufficed to design a small number of key products emphasizing functionality, today it is necessary to create an extensive realm of heterogeneous products. To reach this objective Hager relies on strategic design management – a design vocabulary containing many 'facial expressions', but also characterised by a distinct fundamental attitude.

### Holistic design

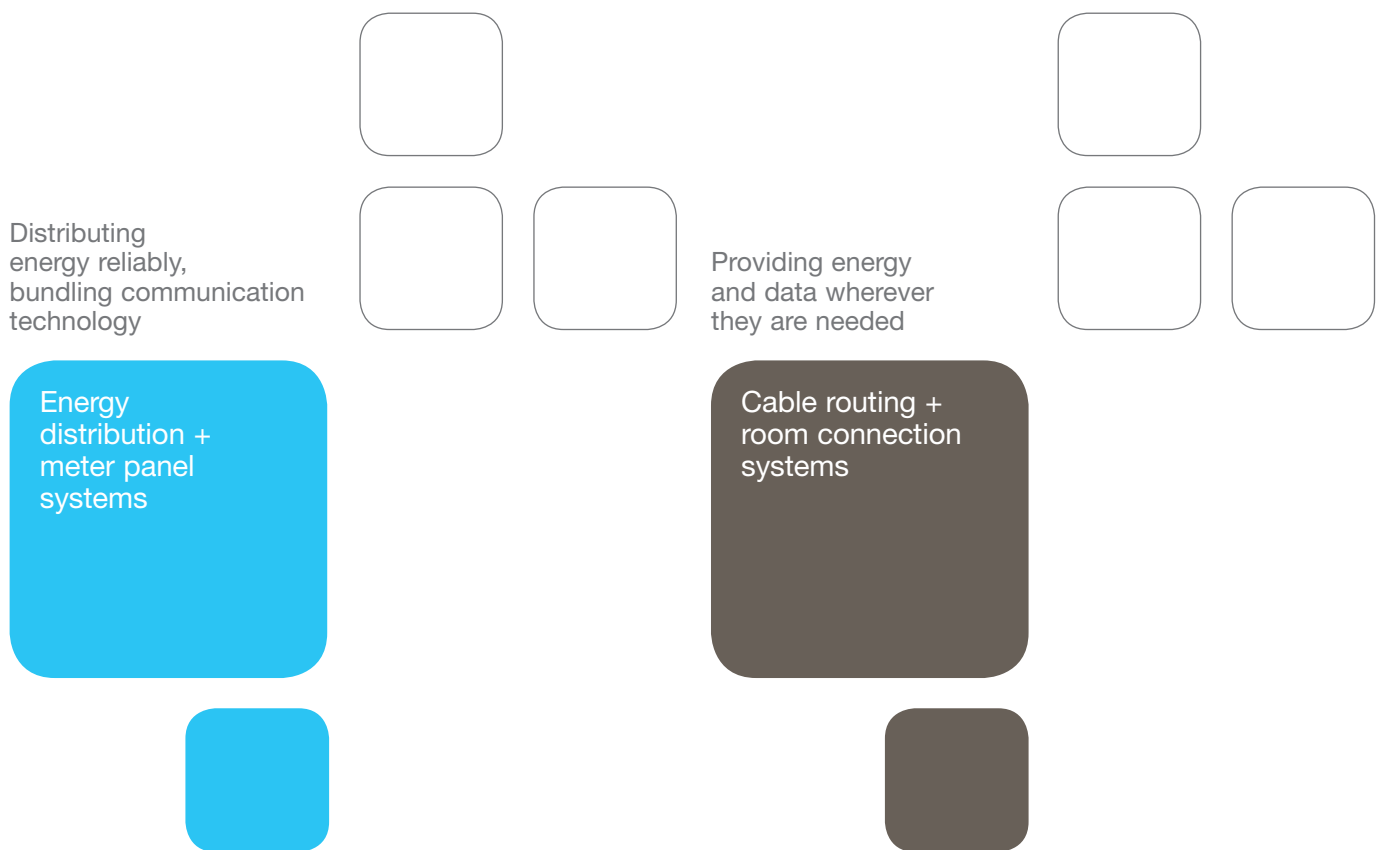
This stance is not only reflected in the product itself but also shapes all related processes. When making the first drafts we already consider how a product will be manufactured, operated and eventually disposed of. Eco-design and eco-production assist us in employing all resources as intelligently as possible and in avoiding waste right from the start. This also holds true for our eco-friendly packaging design where we exclusively use recycled fibres which neither contain chemical bleaching agents nor composite materials that are difficult to separate.

### The face behind the design

Hager's product design unmistakably bears the hallmarks of Erwin Van Handenhoven who has been Hager Group's Design Director since July 2013. The prolific cooperation between the renowned industry designer and Hager started in 2000. Beside the actual product design, part of Erwin's mission is shaping the future and in doing so, decisively and influentially advancing the evolution of the electro-technical industry. This has led to numerous product highlights that live up to tomorrow's design requirements in a very characteristic way. Many of them are to be found in the new Hager catalogue.

Have fun making some new discoveries!





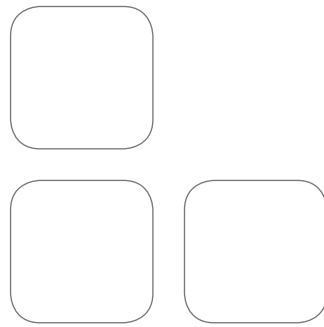
# Clearly structured – the Hager Range

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.

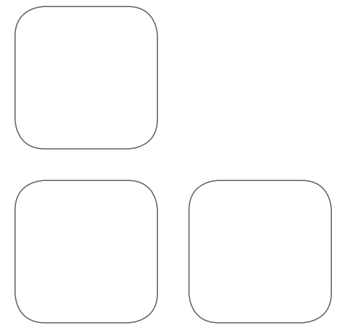
We are the specialists for electrical installations in residential and commercial properties, because with the Hager brand you get everything from once source: Systems and solutions – high-quality, reliable and easy to install.



Elegant switching –  
Energy efficient and  
comfortable building  
automation



Safeguarding buildings,  
protecting residents and  
valuables



Switch ranges +  
Building automation

**B.**

Berker by :hager



Security and  
safety systems



[www.hager.com](http://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



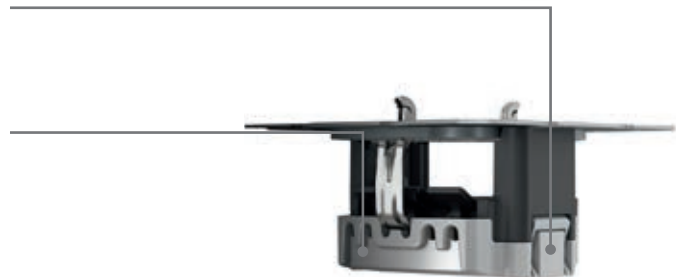
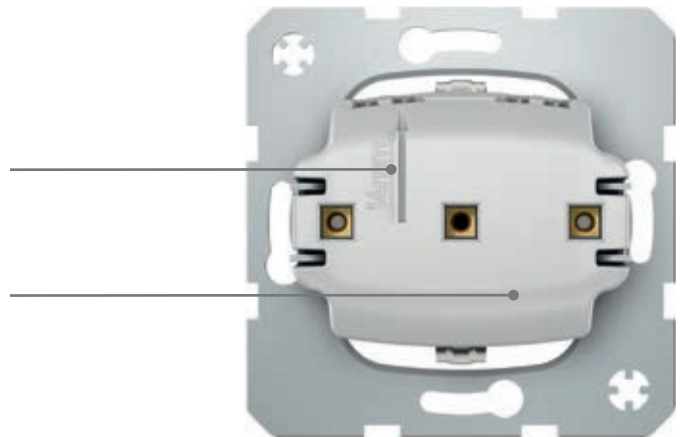
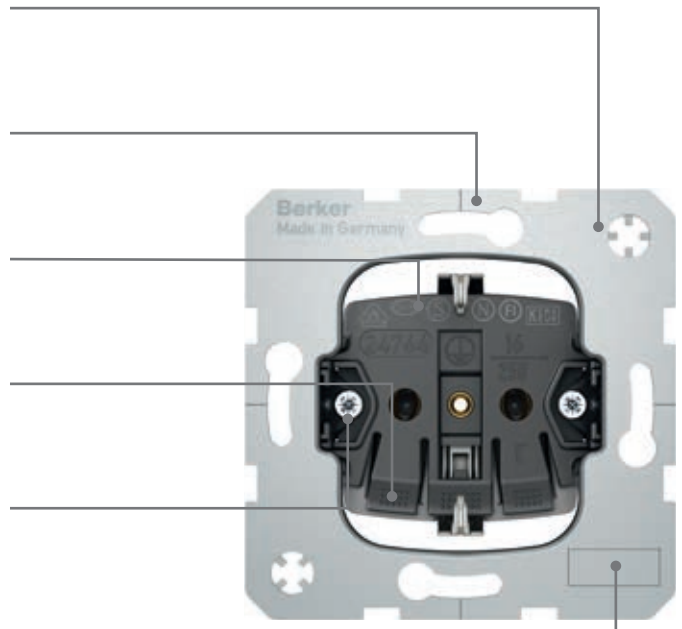
- **Claws are accommodated in base**  
when fully retracted, for easy insertion/positioning in the switch box and reduced risk of injury



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



- **Screw-in lift terminals<sup>1</sup>**  
for rapid connection and secure positioning of the conductors



<sup>1</sup> 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 place of installation



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



- **Modular design**  
for accommodation 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

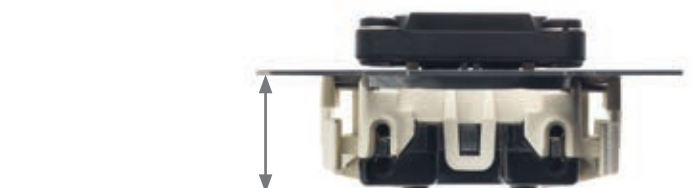
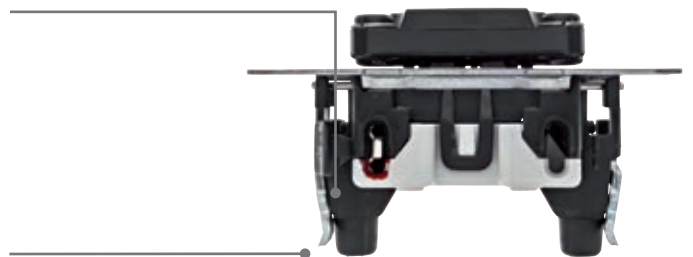
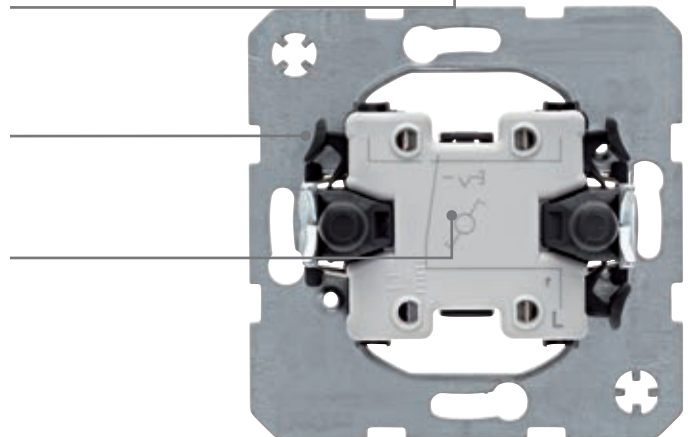
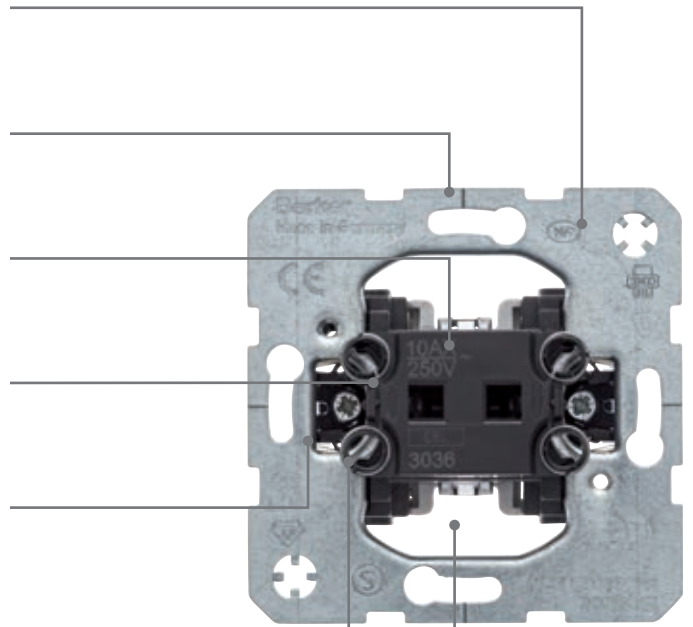


- **Cable protection**  
to prevent damage to the conductors by the claw screws



- **Flexolift-claws<sup>®</sup>**  
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

Communication / Multimedia technology

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

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

Berker Q.1 / Q.3

Berker Q.1 / Q.3

Berker K.1 / K.5

Berker Arsys

Switches, Push-buttons, Dimmers,  
New electronics platform

18



System controller, Presence detector,  
New electronics platform

66



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

82



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

96



Socket outlets, Covers, Central inserts

132



Frames

176



Socket outlets, Covers, Central inserts

194



Frames

230



Socket outlets, Covers, Central inserts, Frames

240



Socket outlets, Covers, Central inserts, Frames

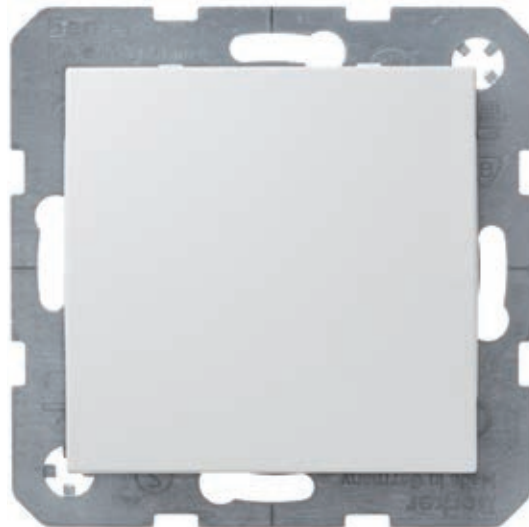
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# Light control

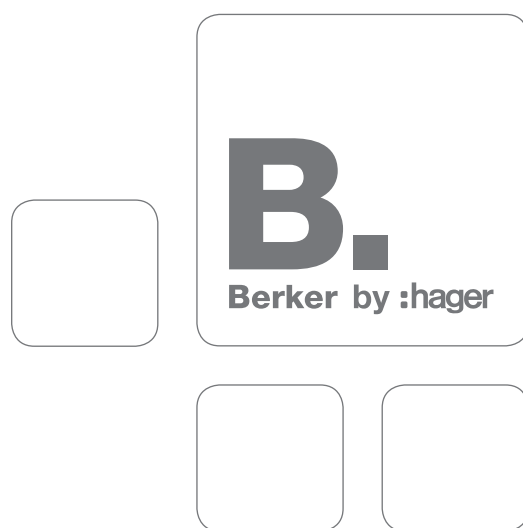
From the elegantly beautiful switches, through the intelligent control of individual lamps through to clever lighting systems: we can offer you a wide range of light control variants. common to all of them is that they can be supplemented, replaced and modernised easily, thanks to our modular system.

- 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
Dimmers	34
Berker.Net - conventional electronics platform	43
(Built-in) Dimmers/Power Boosters	48
Pilot lamps	48
Supplementary products	55
Hotel applications	60
Accessible construction	62
Accessible construction	64

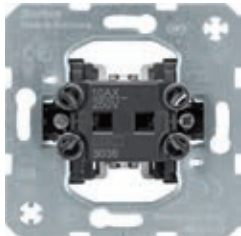


## Switches/Push-buttons

 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 mm<sup>2</sup>
- Switching angle 3.5°

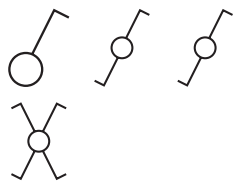


#### Change-over/intermediate switch

**i** 448

Rated voltage 250 V~ - with plug-in terminals  
Switching current 10 AX - for illumination and monitoring circuit

Suitable for optional	Order no.	Page
LED unit 230 V, for switches/push-buttons	1686 ..	20
Neon lamp unit with N terminal	1675 ..	56
LED unit for switches/push-buttons	1687	57
Glow lamp unit with N-terminal	1676 ..	56



Design	Order no.	PU
On/off switch	<b>3031</b>	10
Change-over switch	<b>3036</b>	10
Change-over switch for installation in hollow walls <sup>1)</sup>	<b>3036 50</b>	10
Intermediate switch	<b>3037</b>	10

<sup>1)</sup> low installation depth, without spreader claws



#### Control change-over switch (2 items)

**i** 448

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
<b>Individual article required</b>		
Change-over switch	<b>3036</b>	10
LED unit 230 V, for switches/push-buttons, white	<b>1686</b>	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 mm<sup>2</sup>
- Switching angle 3.5°

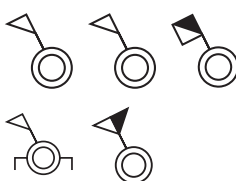


#### Push-button

**i** 450

Rated voltage 250 V~ - with plug-in terminals  
Momentary-contact current 10 A - for illumination and monitoring circuit  
Contact spacing > 3 mm

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	56
Glow lamp unit with N-terminal	1676 ..	56
LED unit 230 V, for switches/push-buttons	1686 ..	20
LED unit for switches/push-buttons	1687	57



Design	Order no.	PU
Push-button, NO contact	<b>5031</b>	10
Push-button, NO contact for installation in hollow walls <sup>1)</sup>	<b>5031 50</b>	10
Push-button, change-over	<b>5036</b>	10
Push-button, NO contact, 2 separate signal contacts	<b>5031 01</b>	10
Push-button, NC contact + NO contact, isolated input terminals	<b>5032 03</b>	10

<sup>1)</sup> 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
<b>Berker S.1/B.3/B.7</b>		
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 <sup>1)</sup>	1570 19 09	10
anthracite matt, screw-on <sup>1)</sup>	1570 16 06	10
aluminium matt, lacquered, screw-on <sup>1)</sup>	1570 14 04	10
<b>Berker Q.1/Q.3</b>		
white velvety	* 1620 60 82	10
polar white velvety	1620 60 89	10
anthracite velvety, lacquered	1620 60 86	10
<b>Berker K.1/K.5</b>		
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
<b>Berker Arsys</b>		
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 <sup>1)</sup>	# 1404 00 10	10
<b>Berker R.1/R.3</b>		
polar white glossy	1620 20 89	10
black glossy	1620 20 45	10

<sup>1)</sup> with cover plug for screw fitting



**Rocker with imprint symbol**

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

Design	Order no.	PU
<b>Berker Q.1/Q.3</b>		
white velvety, with imprinted symbol for light	* 1620 60 42	10
white velvety, with imprinted symbol for bell	* 1620 60 52	10
white velvety, with imprinted symbol for door opener	* 1620 60 62	10
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	<b>1620 20 79</b>	10
polar white glossy, with imprinted symbol for bell	<b>1620 20 69</b>	10
polar white glossy, with imprinted symbol for door opener	<b>1620 20 59</b>	10
black glossy, with imprinted symbol for light	<b>1620 20 35</b>	10
black glossy, with imprinted symbol for bell	<b>1620 20 25</b>	10
black glossy, with imprinted symbol for door opener	<b>1620 20 15</b>	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

Design Order no. PU

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

white glossy	<b>1626 89 82</b>	10
polar white glossy	<b>1626 89 89</b>	10
polar white matt	<b>1626 19 09</b>	10
anthracite matt	<b>1626 16 06</b>	10
aluminium matt, lacquered	<b>1626 14 04</b>	10

**Berker Q.1/Q.3**

white velvety	★ <b>1626 60 82</b>	10
polar white velvety	<b>1626 60 89</b>	10
anthracite velvety, lacquered	<b>1626 60 86</b>	10

**Berker K.1/K.5**

polar white glossy	<b>1426 70 09</b>	10
anthracite matt, lacquered	<b>1426 70 06</b>	10
Aluminium, aluminium anodised	<b>1426 70 03</b>	10
Stainless steel, metal matt finish	<b>1426 70 04</b>	10

**Berker Arsys**

white glossy	# <b>1426 00 02</b>	10
polar white glossy	# <b>1426 00 69</b>	10
brown glossy	# <b>1426 00 01</b>	10
light bronze matt, aluminium lacquered	# <b>1436 00 01</b>	10
Stainless steel, metal matt finish	# <b>1436 00 04</b>	10
gold matt, aluminium anodised	# <b>1436 00 02</b>	10



**Rocker**

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

Design Order no. PU

**Berker Arsys**

clear, with white labelling field	# <b>1487 00</b>	10
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**Rocker**

- lens

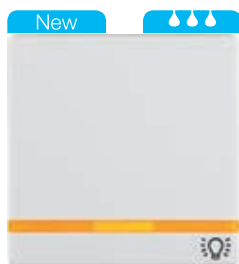
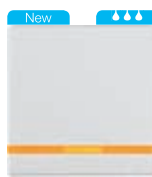


Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

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

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

<sup>1)</sup> with cover plug for screw fitting  
<sup>2)</sup> only orange and clear lenses enclosed  
<sup>3)</sup> with clear lens only



**Rocker with imprinted symbol for light**

- lens



Lenses available in orange and clear.

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

Design	Order no.	PU
<b>Berker Q.1/Q.3</b>		
white velvety	<b>* 1621 60 72</b>	10
polar white velvety	<b>1621 60 79</b>	10
anthracite velvety, lacquered	<b>1621 60 76</b>	10
<b>Berker R.1/R.3</b>		
polar white glossy <sup>1)</sup>	<b>1621 20 79</b>	10
black glossy <sup>1)</sup>	<b>1621 20 35</b>	10

<sup>1)</sup> with clear lens only



**Rocker**

- labelling field
- lens



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

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
- for illumination and monitoring circuit

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1628 89 82</b>	10
polar white glossy	<b>1628 89 89</b>	10
polar white matt	<b>1628 19 09</b>	10
anthracite matt	<b>1628 16 06</b>	10
aluminium matt, lacquered	<b>1628 14 04</b>	10
<b>Berker Q.1/Q.3</b>		
white velvety <sup>1)</sup>	<b>* 1628 60 82</b>	10
polar white velvety <sup>1)</sup>	<b>1628 60 89</b>	10
anthracite velvety, lacquered <sup>1)</sup>	<b>1628 60 86</b>	10



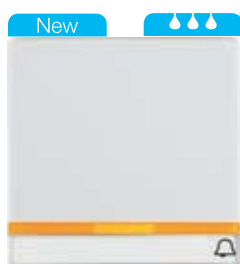
**Berker K.1/K.5**

polar white glossy	<b>1415 71 09</b>	10
anthracite matt, lacquered	<b>1415 71 06</b>	10
Aluminium, aluminium anodised	<b>1415 71 03</b>	10
Stainless steel, metal matt finish	<b>1415 71 04</b>	10

**Berker Arsys**

white glossy	<b># 1415 02 02</b>	10
polar white glossy	<b># 1415 02 69</b>	10
brown glossy	<b># 1415 02 01</b>	10
light bronze matt, aluminium lacquered	<b># 1416 02 01</b>	10
Stainless steel, metal matt finish	<b># 1416 02 04</b>	10

<sup>1)</sup> only orange and clear lenses enclosed



**Rocker with imprinted symbol for bell**

- labelling field
- lens



Lenses available in orange and clear.

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
- for illumination and monitoring circuit

Design	Order no.	PU
<b>Berker Q.1/Q.3</b>		
white velvety	<b>* 1628 60 72</b>	10
polar white velvety	<b>1628 60 79</b>	10
anthracite velvety, lacquered	<b>1628 60 76</b>	10



**Rocker**

- large labelling field
- lens



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

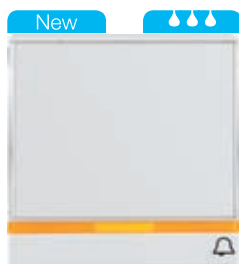
- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- for illumination and monitoring circuit

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

<sup>1)</sup> labelling field height arranged for two 12 mm P-touch strips

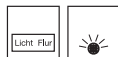
<sup>2)</sup> labelling field height arranged for two 18 mm P-touch strips, only orange and clear lenses enclosed

<sup>3)</sup> labelling field height arranged for two 9 mm P-touch strips



**Rocker with imprinted symbol for bell**

- large labelling field
- lens



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

Lenses available in orange and clear.  
For labelling with names, notes etc.

Labelling field height designed for two 18 mm P-touch strips.

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

Suitable for	Order no.	Page
Rocker push-buttons		page 20
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	223

Design	Order no.	PU
<b>Berker Q.1/Q.3</b>		
white velvety	<b>* 1696 60 72</b>	10
polar white velvety	<b>1696 60 79</b>	10
anthracite velvety, lacquered	<b>1696 60 76</b>	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**

Rated voltage 250 V~  
Switching current 10 AX

Only suitable in combination with rockers with "0" imprint.

Suitable for	Order no.	Page
<b>optional</b>		
Neon lamp unit with N terminal	1675 ..	56
Glow lamp unit with N-terminal	1676 ..	56
LED unit 230 V, for switches/push-buttons	168 ..	20

Design	Order no.	PU
On/off switch 2pole 10 AX	<b>3032</b>	10





**On/off switch 2pole 16 AX**

Rated voltage 250 V~  
Switching current 16 AX

- with screw terminals
- for illumination and monitoring circuit

For switching of 16 A socket outlets, for example.  
Not suitable for water-protected, flush-mounted installation IP44.

Suitable for optional	Order no.	Page
Neon lamp unit for switches/push-buttons	1600 02	56

Only suitable in combination with rockers with "0" imprint.



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



**On/off switch 2pole**

- earthing contact



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

Rated voltage 250 V~  
Switching current 20 A

Suitable for optional	Order no.	Page
Neon lamp unit for switches/push-buttons	1600 02	56

Only suitable in combination with rockers with "0" imprint.



Design	Order no.	PU
On/off switch 2pole	<b>5230 32 13</b>	10



**On/off switch 3pole**

Rated voltage 400 V~  
Switching current 16 AX

- with screw terminals
- for illumination and monitoring circuit

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

Suitable for optional	Order no.	Page
Neon lamp unit for on/off switch 3pole	1600	57

Only suitable in combination with rockers with "0" imprint.



Design	Order no.	PU
On/off switch 3pole	<b>3033 03</b>	10



**Rocker with imprint "0"**

Design	Order no.	PU
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**Berker S.1/B.3/B.7**

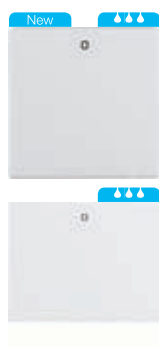
white glossy	<b>1622 89 82</b>	10
polar white glossy	<b>1622 89 89</b>	10
polar white matt	<b>1622 19 09</b>	10
anthracite matt	<b>1622 16 06</b>	10
aluminium matt, lacquered	<b>1622 14 04</b>	10
polar white matt, screw-on <sup>1)</sup>	<b>1573 19 09</b>	10
anthracite matt, screw-on <sup>1)</sup>	<b>1573 16 06</b>	10
aluminium matt, lacquered, screw-on <sup>1)</sup>	<b>1573 14 04</b>	10

**Berker Q.1/Q.3**

white velvety	<b>* 1622 60 82</b>	10
polar white velvety	<b>1622 60 89</b>	10
anthracite velvety, lacquered	<b>1622 60 86</b>	10

**Berker K.1/K.5**

polar white glossy	<b>1425 71 09</b>	10
anthracite matt, lacquered	<b>1425 71 06</b>	10
Aluminium, aluminium anodised	<b>1425 71 03</b>	10
Stainless steel, metal matt finish	<b>1425 71 04</b>	10







Design	Order no.	PU
<b>Berker Arsys</b>		
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
<b>Berker R.1/R.3</b>		
polar white glossy	1622 20 89	10
black glossy	1622 20 45	10

<sup>1)</sup> with cover plug for screw fitting



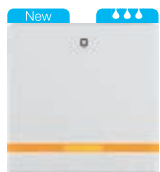
**Rocker with imprint "0"**

- red lens



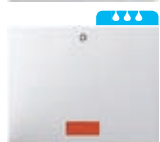
- also for KNX applications: group push-button, 1gang  
- for illumination and monitoring circuit

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
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 <sup>1)</sup>	1577 19 09	10
anthracite matt, screw-on <sup>1)</sup>	1577 16 06	10
aluminium matt, lacquered, screw-on <sup>1)</sup>	1577 14 04	10



**Berker Q.1/Q.3**

white velvety <sup>2)</sup>	* 1624 60 82	10
polar white velvety <sup>2)</sup>	1624 60 89	10
anthracite velvety, lacquered <sup>2)</sup>	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 <sup>3)</sup>	1624 20 89	10
black glossy <sup>3)</sup>	1624 20 45	10

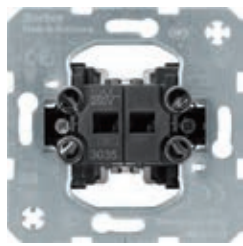
<sup>1)</sup> with cover plug for screw fitting

<sup>2)</sup> with orange lens

<sup>3)</sup> with clear lens

**Rocker switches, 2gang**

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



**Series switch**

Rated voltage 250 V~  
Switching current 10 AX  
Contact spacing > 3 mm

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

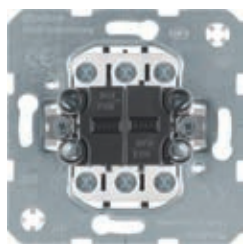
**i 449**

Suitable for optional	Order no.	Page
LED unit with N terminal for series switch	1680	57



Design	Order no.	PU
Series switch	<b>3035</b>	10
Series switch for installation in hollow walls <sup>1)</sup>	<b>3035 50</b>	10

<sup>1)</sup>low installation depth, without spreader claws



**Double change-over switch, isolated input terminals**

Rated voltage 250 V~  
Switching current 10 AX  
Contact spacing > 3 mm

- with screw terminals
- for illumination

**i 450**

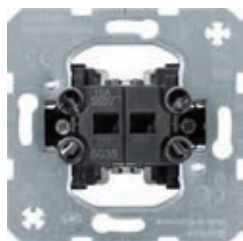
Suitable for optional	Order no.	Page
Neon lamp unit for switches/push-buttons	1600 02	56



Design	Order no.	PU
Double change-over switch, isolated input terminals	<b>3038 08</b>	10

**Series push-buttons**

- Connection terminals according to IEC 60669-1



**Series push-button**

Rated voltage 250 V~  
Momentary-contact current 10 A

- with plug-in terminals
- for illumination

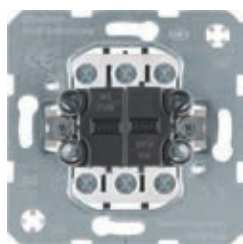
**i 450**

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	56
Glow lamp unit with N-terminal	1676 ..	56
LED unit 230 V, for switches/push-buttons	168 ..	20

Design	Order no.	PU
Series push-button, 2 NO contacts, common input terminal	<b>5035</b>	10



Series push-button, NC contact + NO contact, isolated input terminals	<b>5035 01</b>	10
Series push-button, 2 NO contacts, isolated input terminals	<b>5035 03</b>	10



**Series push-button, 2 change-over contacts**

Rated voltage 250 V~  
Momentary-contact current 10 A

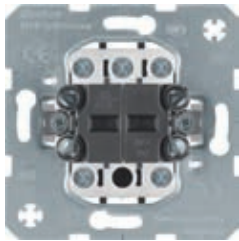
- with screw terminals
- for illumination
- double change-over contact, usable as NC or NO with separate input terminals

**i 450**

Suitable for optional	Order no.	Page
Neon lamp unit for switches/push-buttons	1600 02	56

Design	Order no.	PU
Series push-button, 2 change-over contacts	<b>5038 08</b>	10





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

**i** 450

- 0 position



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

Rated voltage 250 V~  
Momentary-contact current 10 A  
Contact spacing > 3 mm

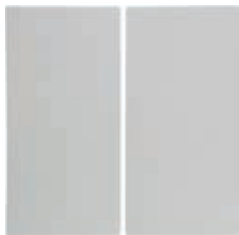
Suitable for optional	Order no.	Page
Neon lamp unit for switches/push-buttons	1600 02	56

Follow the motor manufacturers' instructions.



Design	Order no.	PU
Group series push-button, 4 NO contacts, common input terminal	<b>5034 04</b>	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
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**Berker S.1/B.3/B.7**

white glossy	<b>1623 89 82</b>	10
polar white glossy	<b>1623 89 89</b>	10
polar white matt	<b>1623 19 09</b>	10
anthracite matt	<b>1623 16 06</b>	10
aluminium matt, lacquered	<b>1623 14 04</b>	10
polar white matt, screw-on <sup>1)</sup>	<b>1571 19 09</b>	10
anthracite matt, screw-on <sup>1)</sup>	<b>1571 16 06</b>	10
aluminium matt, lacquered, screw-on <sup>1)</sup>	<b>1571 14 04</b>	10

**Berker Q.1/Q.3**

white velvety	<b>* 1623 60 82</b>	10
polar white velvety	<b>1623 60 89</b>	10
anthracite velvety, lacquered	<b>1623 60 86</b>	10

**Berker K.1/K.5**

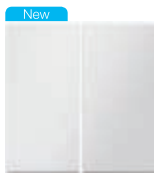
polar white glossy	<b>1435 70 09</b>	10
anthracite matt, lacquered	<b>1435 70 06</b>	10
Aluminium, aluminium anodised	<b>1435 70 03</b>	10
Stainless steel, metal matt finish	<b>1435 70 04</b>	10

**Berker Arsys**

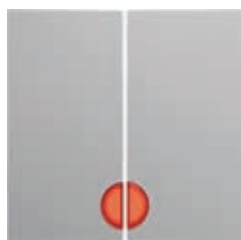
white glossy	<b># 1435 00 02</b>	10
polar white glossy	<b># 1435 00 69</b>	10
brown glossy	<b># 1435 00 01</b>	10
light bronze matt, aluminium lacquered	<b># 1434 00 01</b>	10
Stainless steel, metal matt finish	<b># 1434 00 04</b>	10
gold matt, aluminium anodised	<b># 1434 00 02</b>	10
Stainless steel, metal matt finish, screw-on <sup>1)</sup>	<b># 1434 00 10</b>	10

**Berker R.1/R.3**

polar white glossy	<b>1623 20 89</b>	10
black glossy	<b>1623 20 45</b>	10



<sup>1)</sup> with cover plug for screw fitting



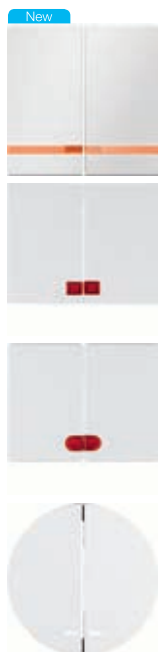
**Rocker 2gang**

- red lens



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

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
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
<b>Berker Q.1/Q.3</b>		
white velvety <sup>1)</sup>	* 1627 60 82	10
polar white velvety <sup>1)</sup>	1627 60 89	10
anthracite velvety, lacquered <sup>1)</sup>	1627 60 86	10
<b>Berker K.1/K.5</b>		
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
<b>Berker Arsys</b>		
white glossy	# 1437 00 02	10
polar white glossy	# 1437 00 69	10
brown glossy	# 1437 00 01	10
<b>Berker R.1/R.3</b>		
polar white glossy <sup>2)</sup>	1627 20 89	10
black glossy <sup>2)</sup>	1627 20 45	10



<sup>1)</sup>with orange and clear lens  
<sup>2)</sup>with clear lens

**Rocker switches, 3gang**



**On/off switch 3gang**

Rated voltage  
Switching current

400 V~ - with screw terminals  
16 AX - 3 x 1pole Off

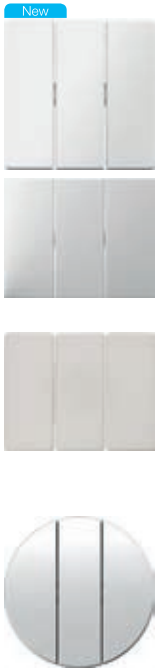


Design	Order no.	PU
On/off switch 3gang	6330 23	10



**Rocker 3gang**

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
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**

white velvety	* 1665 60 82	10
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 mm<sup>2</sup>



**Pullcord switch off/change-over**

Rated voltage	250 V~	- with plug-in terminals	<b>i</b> 449
Switching current	10 AX	- for wall and ceiling mounting	
Long pullcord	14 cm	- for illumination and monitoring circuit	
Contact spacing	> 3 mm	<b>Suitable for optional</b>	<b>Order no.</b> <b>Page</b>
		Neon lamp unit with N terminal	1605 1 .. 56



Design	Order no.	PU
Pullcord switch off/change-over	<b>3966</b>	10

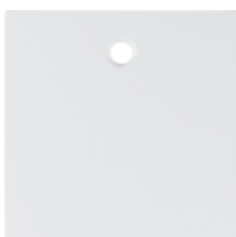


**Pullcord push-button, change-over contact with separate signal contact**

Rated voltage	250 V~	- with plug-in terminals	<b>i</b> 460
Momentary-contact current	10 A	- for wall and ceiling mounting	
Long pullcord	14 cm	- for illumination and monitoring circuit	
Contact spacing	> 3 mm	<b>Suitable for optional</b>	<b>Order no.</b> <b>Page</b>
		Neon lamp unit with N terminal	1675 .. 56
		Glow lamp unit with N-terminal	1676 .. 56



Design	Order no.	PU
Pullcord push-button, change-over contact with separate signal contact	<b>3956 19</b>	10



**Centre plate for pullcord switch/pullcord push-button**

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
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



**Berker Q.1/Q.3**

white velvety	★ 1146 60 82	10
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

**Berker R.1/R.3**

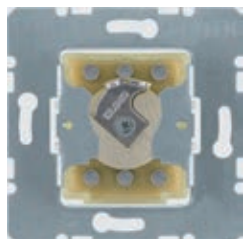
polar white glossy	1146 20 89	10
black glossy	1146 20 45	10

**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 mm<sup>2</sup>



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 460**

Rated voltage	250 V~	- with screw terminals
Switching current	10 A	- without spreader claws

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

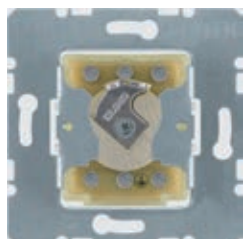
Suitable for  
Lock cylinder

Order no.  
1818 ..

Page  
60



Design	Order no.	PU
Change-over switch 2pole for lock cylinders	<b>3826 10</b>	10



**Change-over switch for lock cylinders**

**i 460**

- earthing contact
- with screw terminals
- without spreader claws



Rated voltage	250 V~
Switching current	10 A

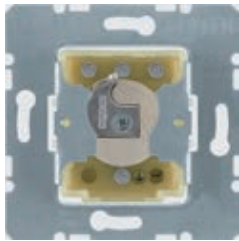
Suitable for  
Lock cylinder

Order no.  
1818 ..

Page  
60



Design	Order no.	PU
Change-over switch for lock cylinders	<b>3836 20</b>	10



**Push-button for lock cylinder**

- earthing contact



Rated voltage  
Momentary-contact current

250 V~  
10 A

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

**i** 460

Suitable for  
Lock cylinder

Order no.  
1818 ..

Page  
60



Design	Order no.	PU
Push-button for lock cylinder	<b>3856 20</b>	10



**Centre plate for key switch/key push-button**

Suitable for  
Lock cylinder

Order no.  
1818 ..

Page  
60

Design	Order no.	PU
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**Berker S.1/B.3/B.7**

white glossy	<b>1507 89 82</b>	10
polar white glossy	<b>1507 89 89</b>	10
polar white matt	<b>1507 19 09</b>	10
anthracite matt	<b>1507 16 06</b>	10
aluminium matt, lacquered	<b>1507 14 04</b>	10

**Berker Q.1/Q.3**

white velvety	<b>* 1507 60 82</b>	10
polar white velvety	<b>1507 60 89</b>	10
anthracite velvety, lacquered	<b>1507 60 86</b>	10

**Berker K.1/K.5**

polar white glossy	<b>1505 70 09</b>	10
anthracite matt, lacquered	<b>1505 70 06</b>	10
aluminium matt, lacquered	<b>1505 70 03</b>	10
stainless steel matt, lacquered	<b>1505 70 04</b>	10

**Berker Arsys**

white glossy	<b># 1505 00 12</b>	10
polar white glossy	<b># 1505 00 79</b>	10
brown glossy	<b># 1505 00 11</b>	10
light bronze matt, lacquered	<b># 1505 90 21</b>	10
stainless steel matt, lacquered	<b># 1505 90 14</b>	10

New



## Dimmers

Product variant	Rotary dimmers							
	with cover plate	400 W	600 W	1000 W	(R, L)	Tronic 360 W (R, C)	Tronic 525 W (R, C)	Universal (R, L, C)
Picture of article								
Order no.	2819 xx xx	2830 10	2875	2885	2873	2867 10	2874	2861 10
Switching symbol								
Soft locking			●	●	●		●	●

### Power output range

min.	60 W	60 W	60 W	100 W	20 W/VA	20 W	20 W	50 W/VA
max.	400 W	400 W	600 W	1000 W	500 W/VA	360 W	525 W	420 W/VA

### Load types

230 V incandescent lamps and halogen lamps	●	●	●	●	●	●	●	●
dimnable conventional transformers					●			●
dimnable electronic transformers						●	●	●
dimnable retrofit LED lamps								
Dimmable energy-saving lamps								
1-10 V								
DALI								
Extension units		Change-over switch <sup>1)</sup>	Change-over switch <sup>1)</sup>	Change-over switch <sup>1)</sup>	Change-over switch <sup>1)</sup>	Change-over switch <sup>1)</sup>	Change-over switch <sup>1)</sup>	Rotary dimmer extension unit

### Design covers/Application modules

Centre plate for rotary dimmer/rotary potentiometer Order no. 1134 .. ..; 1135 .. ..; 1137 .. ..	●	●	●	●	●	●	●	●
Cover plate for rotary dimmers/rotary potentiometers Order no. 1130 ..	●	●	●	●	●	●	●	●
Button, 1gang, order no. 8514 11 ..								
Button, 2gang, order no. 8514 21 ..								

### Optional accessories

Making current limiter, order no. 185								
Mains decoupler, order no. 187 00			●		●		● <sup>2)</sup>	● <sup>3)</sup>
Mains decoupler comfort, order no. 1 8799 01			●		●		● <sup>2)</sup>	● <sup>3)</sup>

<sup>1)</sup> Switching only.

<sup>2)</sup> Only with control module.

<sup>3)</sup> Only when operated without extension unit.

<sup>4)</sup> Max. 4 rotary potentiometers parallel with up to 104 Dali devices.  
Only when operated without extension unit.



Rotary potentiometers				Touch dimmers			Touch dimmers built-in
1-10 V	1-10 V NO contact	DALI	DALI with power supply	(R, L)	Universal 1gang	Universal 2gang	1 - 10 V push-button control unit built-in
2891 10	2896 10	2897	2898	8542 11 00	8542 12 00	8542 21 00	2872
●	●	●	●				

Control current 50 mA =	Control current 50 mA =	up to 64 de- vices	26 (104 <sup>4</sup> ) devices	25 W/VA	25 W/VA	35 W/VA per output	Control current 200 mA=
Switching cur- rent max. 6 A	Mom.-contact current max. 2 A		Output cur- rent 52 mA	400 W/VA	400 W/VA	300 W/VA per output	Switching current max. 10 A

				●	●	●	
				●	●	●	
					●	●	
					5 ... 70 W	12 ... 54 W	
					13 ... 80 W	15 ... 54 W	
●	●						●
		●	●				
	Push-button NO contact			Push-button NO contact	Push-button NO contact	Push-button NO contact	Push-button NO contact

●	●	●	●				
●	●	●	●				
				●	●		
						●	

●	●						●
●	●						
●	●						

Rotary dimmers



**Rotary dimmer with cover plate**

**i 454**

- setting knob



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

**Suitable for replacement**  
Cover for rotary dimmers/rotary potentiometers

Order no.

Page

1130 .. 42



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

Operating temperature +5 ... +25 °C

Axis dimension Ø 4 mm

ε

Design

Order no.

PU

**Berker S.1**

white glossy	<b>2819 89 82</b>	1
polar white glossy	<b>2819 89 89</b>	1
polar white matt	<b>2819 99 09</b>	1
anthracite matt	<b>2819 99 49</b>	1
aluminium matt, lacquered	<b>2819 99 39</b>	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.

Design

Order no.

PU

Rotary dimmer 400 W	<b>2830 10</b>	1
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**Rotary dimmer 400 W**

Operating voltage 230 V~  
Frequency 50 Hz  
Loss power at full load ≈ 4 W  
230 V incandescent lamps and halogen lamps 60 ... 400 W

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

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 mm<sup>2</sup>

Axis dimension Ø 4 mm

Possible to change fuse without removing cover.

Design

Order no.

PU

Rotary dimmer 400 W	<b>2819 01</b>	10
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ε



	<b>Rotary dimmer 600 W</b>		<b>i</b> 454
	<ul style="list-style-type: none"> <li>- soft locking</li> <li>- phase cut-on</li> <li>- with change-over pressure switch</li> <li>- voltage test possible without dismantling</li> <li>- short-circuit and overload proof (fine-wire fuse)</li> <li>- with spare fuse</li> <li>- with plug-in terminals</li> </ul>		
	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.		
Design		Order no.	PU
Rotary dimmer 600 W		<b>2875</b>	1

	<b>Rotary dimmer 600 W</b>		
	<ul style="list-style-type: none"> <li>- phase cut-on</li> <li>- with change-over pressure switch</li> <li>- short-circuit and overload proof (fine-wire fuse)</li> <li>- with screw terminals</li> </ul>		
	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.		
Design		Order no.	PU
Rotary dimmer 600 W		<b>2860 10</b>	1

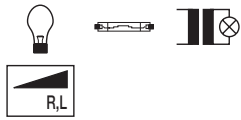
	<b>Rotary dimmer 1000 W</b>		<b>i</b> 454
	<ul style="list-style-type: none"> <li>- soft locking</li> <li>- phase cut-off</li> <li>- with change-over pressure switch</li> <li>- short-circuit and overload proof (electronic fuse)</li> <li>- with screw terminals</li> </ul>		
	Operating voltage	230/240 V~	
	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	
	Possible to change fuse without removing cover.		
Design		Order no.	PU
Rotary dimmer 1000 W		<b>2885</b>	1

	<b>Rotary dimmer (R, L)</b>		<b>i</b> 454
	<ul style="list-style-type: none"> <li>- soft locking</li> <li>- phase cut-on</li> <li>- basic brightness programmable</li> <li>- with change-over pressure switch</li> <li>- voltage test possible without dismantling</li> <li>- short-circuit and overload proof (fine-wire fuse)</li> <li>- with spare fuse</li> <li>- with terminal for base load from mains isolator</li> <li>- with plug-in terminals</li> </ul>		
	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.			
Design		Order no.	PU
Rotary dimmer (R, L)		<b>2873</b>	1



**Rotary dimmer (R, L)**

Operating voltage	230/240 V~	- phase cut-on
Frequency	50/60 Hz	- with change-over pressure switch
230 V incandescent lamps and halogen lamps	20 ... 500 W	- short-circuit and overload proof (fine-wire fuse)
Dimmable conventional transformers	20 ... 500 VA	- with screw terminals
Number of built-in power boosters (R, L)	max. 10	
Axis dimension Ø	4 mm	



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.

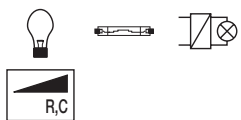


Design	Order no.	PU
Rotary dimmer (R, L)	<b>2866 10</b>	1



**Tronic rotary dimmer 360 W (R, C)**

Operating voltage	230/240 V~	- bulb-preserving soft startup
Frequency	50 Hz	- phase cut-off
230 V incandescent lamps and halogen lamps	20 ... 360 W	- very low noise
Electronic transformers	20 ... 360 W	- with change-over pressure switch
Number of built-in Tronic power boosters (R, C)	max. 10	- expandable with universal power boosters RMD Plus with load cable switched in parallel
Number of universal power boosters, 500 W	max. 10	- short-circuit and overload proof (electronic fuse)
Axis dimension Ø	4 mm	- with screw terminals



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

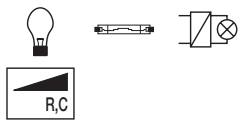


Design	Order no.	PU
Tronic rotary dimmer 360 W (R, C)	<b>2867 10</b>	1



**Tronic rotary dimmer 525 W (R, C)**

- soft locking		- bulb-preserving soft startup		
		- phase cut-off		
		- very low noise		
		- with change-over pressure switch		
Operating voltage	230 V~	- expandable with universal power boosters RMD Plus with load cable switched in parallel		
Frequency	50 Hz	- voltage test possible without dismantling		
230 V incandescent lamps and halogen lamps	20 ... 525 W	- short-circuit and overload proof (electronic fuse)		
Electronic transformers	20 ... 525 W	- with terminal for base load from mains isolator		
Number of built-in Tronic power boosters (R, C)	max. 10	- with plug-in terminals		
Number of universal power boosters, 500 W	max. 10		<b>Suitable for optional</b>	<b>Order no.</b>
Axis dimension Ø	4 mm		Mains decoupler RMD	187 00
			Mains decoupler comfort RMD	1 8799 01
				<b>Page</b>
				59
				58



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



Design	Order no.	PU
Tronic rotary dimmer 525 W (R, C)	<b>2874</b>	1

**i 454**



**Universal rotary dimmer (R, L, C)**

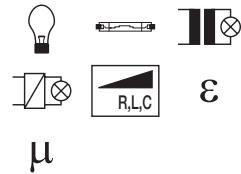
**i 456**

- 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

- 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



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

Do not connect conventional transformers together with electronic transformers.

Suitable for optional	Order no.	Page
Mains decoupler RMD	187 00	59
Mains decoupler comfort RMD	1 8799 01	58



Design	Order no.	PU
Universal rotary dimmer (R, L, C)	<b>2861 10</b>	1



**Extension units insert for universal rotary dimmer**

**i 456**

- 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	<b>2862 10</b>	1

**Rotary potentiometers DALI**



**Rotary potentiometer DALI**

**i 457**

- 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 mm <sup>2</sup>	max. 200 m
Axis dimension Ø	4 mm

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

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



Design	Order no.	PU
Rotary potentiometer DALI	<b>2897</b>	1



**DALI rotary potentiometer with power supply**

**i** 457

- soft locking



Rated voltage	230 V~
Frequency	50/60 Hz
DALI voltage	16 V=
Output current	max. 52 mA
Power consumption	≤ 2 W
Quantity of DALI devices with an active DALI potentiometer	26
Quantity of DALI devices with 4 active DALI potentiometers in parallel	104
DALI cable length at 1.5 mm <sup>2</sup>	max. 200 m
Axis dimension Ø	4 mm

- supplies the necessary control current for additional DALI users in the active operation to mains voltage
- 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
- switch-on brightness level can be stored safe after power failure
- basic brightness programmable
- e.g. for fluorescent lamps and LV halogen lamps
- for switching and controlling electr. ballasts and Tronic transformer with DALI interface
- with on/off pressure switch
- control is effected by central telegram (broadcast)
- with incremental encoder
- short-circuit and overload proof (electronic fuse)
- with screw terminals

Not suitable for combining with other DALI sensors or centres.  
DALI draft according to DIN IEC 60929



Design	Order no.	PU
DALI rotary potentiometer with power supply	<b>2898</b>	1

**1-10 V Rotary potentiometers**



**1-10 V rotary potentiometer**

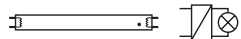
**i** 457

- soft locking



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

- 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



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 according to DIN EN 61347-2-3

Suitable for optional	Order no.	Page
Making current limiter	185	59
Mains decoupler RMD	187 00	59
Mains decoupler comfort RMD	1 8799 01	58



Design	Order no.	PU
1-10 V rotary potentiometer	<b>2891 10</b>	1





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

**i 457**

- 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

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

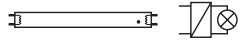
Suitable for optional	Order no.	Page
Making current limiter	185	59
Mains decoupler RMD	187 00	59
Mains decoupler comfort RMD	1 8799 01	58

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 according to DIN EN 61347-2-3



Design	Order no.	PU
1 - 10 V push-button rotary potentiometer, NO contact	<b>2896 10</b>	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
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Design	Order no.	PU
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**Berker S.1/B.3/B.7**

white glossy	<b>1137 89 82</b>	10
polar white glossy	<b>1137 89 89</b>	10
polar white matt	<b>1137 19 09</b>	10
anthracite matt	<b>1137 16 06</b>	10
aluminium matt, lacquered	<b>1137 14 04</b>	10

**Berker Q.1/Q.3**

white velvety	<b>* 1137 60 82</b>	10
polar white velvety	<b>1137 60 89</b>	10
anthracite velvety, lacquered	<b>1137 60 86</b>	10


**Berker K.1/K.5**


polar white glossy	<b>1135 70 09</b>	10
anthracite matt, lacquered	<b>1135 70 06</b>	10
Aluminium, aluminium anodised	<b>1135 70 03</b>	10
Stainless steel, metal matt finish	<b>1135 70 04</b>	10

**Berker Arsys**


white glossy	<b># 1135 00 02</b>	10
polar white glossy	<b># 1135 00 69</b>	10
brown glossy	<b># 1135 00 01</b>	10
light bronze matt, aluminium lacquered	<b># 1134 00 01</b>	10
Stainless steel, metal matt finish	<b># 1134 00 04</b>	10
gold matt, aluminium anodised	<b># 1134 00 02</b>	10









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


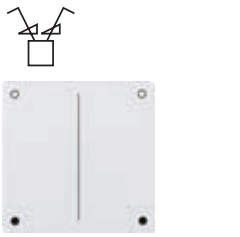

Design	Order no.	PU
 <b>Berker S.1</b>		
white glossy	<b>1130 89 82</b>	10
polar white glossy	<b>1130 89 89</b>	10
polar white matt	<b>1130 99 09</b>	10
anthracite matt	<b>1130 99 49</b>	10
aluminium matt, lacquered	<b>1130 99 39</b>	10

**Cover for rotary dimmers/rotary potentiometers**  
- setting knob

 Axis dimension Ø 4 mm

**Series touch dimmers**

Design	Order no.	PU
 <b>Universal series touch dimmer (R, L, C)</b>		
Operating voltage	230 V~	<p><b>i 456</b></p> <ul style="list-style-type: none"> <li>- an extension input for both series by means of BLC extension unit</li> <li>- switch-on brightness retained for series on mains power failure</li> <li>- bulb-preserving soft startup</li> <li>- phase cut-on or cut-off per series according to load type, self-learning</li> <li>- for 2 independent lighting groups</li> <li>- very low noise</li> <li>- short-circuit and overload proof (electronic fuse)</li> <li>- with screw terminals</li> </ul>
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	
<p>Trouble-free operation will be obtained only with Berker Tronic transformers.</p> <p>Do not connect conventional transformers together with electronic transformers to one output.</p>		
<p>CE</p> <p>    </p>		
Universal series touch dimmer (R, L, C)	<b># 2901</b>	

Design	Order no.	PU
 <b>Berker S.1/B.3/B.7</b>		
white glossy	<b># 1765 89 82</b>	1
polar white glossy	<b># 1765 89 89</b>	1
polar white matt	<b># 1765 19 09</b>	1
anthracite matt	<b># 1765 16 06</b>	1
aluminium matt, lacquered	<b># 1765 14 04</b>	1
 <b>Berker Q.1/Q.3</b>		
polar white velvety	<b># 1765 60 89</b>	1
anthracite velvety, lacquered	<b># 1765 60 86</b>	1
 <b>Berker K.1/K.5</b>		
polar white glossy	<b># 1765 70 09</b>	1
anthracite matt, lacquered	<b># 1765 70 06</b>	1
Aluminium, aluminium anodised	<b># 1765 70 03</b>	1
Stainless steel, metal matt finish	<b># 1765 70 04</b>	1

**Button for universal series touch dimmer**

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





Design	Order no.	PU
<b>Berker Arsys</b>		
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

## Berker.Net - conventional electronics platform

### Switch inserts



#### Relay insert

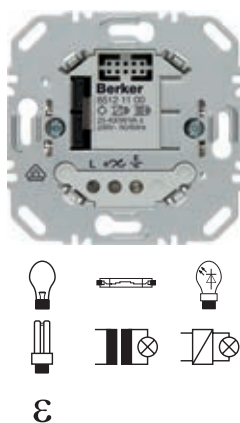
**i 468**

Operating voltage	230 V~	- low intrinsic energy requirement		
Frequency	50/60 Hz	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit		
230 V incandescent lamps and halogen lamps	2300 W			
230 V retrofit LED lamps	440 W	- also usable as push-button relay switch		
Dimmable energy-saving lamps	440 W	- no conductive connection between supporting ring and spreading claws		
Fluorescent lamps:		- with screw terminals		
- uncompensated	1100 VA			
- parallel compensated	1000 W /130 µF		<b>Suitable for optional</b>	<b>Order no.</b>
- in Duo circuit	1000 W		Making current limiter	185 ..
- with electronic ballast (EB)	1000 W			<b>Page</b>
Compact fluorescent lamps with electronic ballast	22 x 20 W			59
Dimmable conventional transformers	1500 VA			
Electronic transformers and dual-mode transformers	1500 W			
Minimum contact load	≈ 15 W			
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 mm <sup>2</sup>			
Operating temperature	-5 ... +45 °C			
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.



Design	Order no.	PU
Relay insert	<b>8512 12 00</b>	1



**Switch insert 1gang**

**i** 468

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	25 ... 400 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 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 mm <sup>2</sup>
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- low intrinsic energy requirement
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- automatic setting to dimmable loads (autoDetect process)
- bulb-preserving soft startup
- short-circuit and overload proof (electronic fuse)
- 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

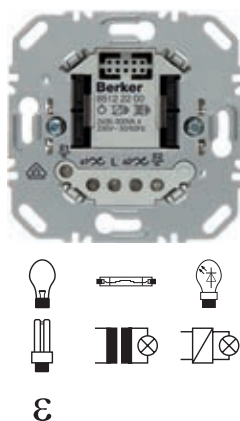
**Only suitable for operation with dimmable loads!**

**Caution!**

Only connect **dimmable** 230 V ESL or retrofit-LED lamps.  
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	<b>8512 11 00</b>	1



**Switch insert 2gang**

**i** 468

Operating voltage	230 V~
Frequency	50/60 Hz
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
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 mm <sup>2</sup>
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- low intrinsic energy requirement
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- automatic setting to dimmable loads (autoDetect process)
- bulb-preserving soft startup
- short-circuit and overload proof (electronic fuse)
- 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

**Only suitable for operation with dimmable loads!**

**Caution!**

Only connect **dimmable** 230 V ESL or retrofit-LED lamps.  
Do not connect inductive and capacitive loads jointly.  
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.

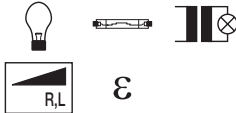


Design	Order no.	PU
Switch insert 2gang	<b>8512 22 00</b>	1

Dimmer inserts

**Touch dimmer (R, L)**

**i 468**



Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- phase cut-on
Power consumption (standby)	< 0.3 W	- bulb-preserving soft startup
230 V incandescent lamps and halogen lamps	25 ... 400 W	- switch-on brightness level can be stored safe after power failure
Dimmable conventional transformers	25 ... 400 VA	- short-circuit and overload proof (electronic fuse)
Number of universal capacity enhancers	max. 2	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Number of substations	unlimited	- expandable with universal power boosters RMD Plus
Cable length, extensions	max. 50 m	- no conductive connection between supporting ring and spreading claws
Load cable length	max. 100 m	- with screw terminals
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
Insertion depth	32 mm	

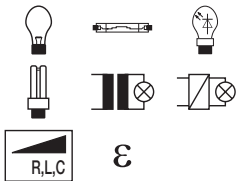
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Touch dimmer (R, L)	<b>8542 11 00</b>	1

**Universal touch dimmer 1gang**

**i 468**



Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
Power consumption (standby)	< 0.3 W	- automatic setting to dimmable loads (autoDetect process)
230 V incandescent lamps and halogen lamps	25 ... 400 W	- phase cut-on or cut-off according to load type, self-learning
Dimmable 230 V retrofit-LED lamps	5 ... 70 W	- bulb-preserving soft startup
Dimmable energy-saving lamps	13 ... 80 W	- short-circuit and overload proof (electronic fuse)
Dimmable conventional transformers	25 ... 400 VA	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Electronic transformers and dual-mode transformers	25 ... 400 W	- no conductive connection between supporting ring and spreading claws
Number of substations	unlimited	- with screw terminals
Cable length, extensions	max. 50 m	
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
Insertion depth	32 mm	

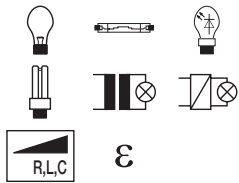
Do not connect inductive and capacitive loads jointly.  
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Universal touch dimmer 1gang	<b>8542 12 00</b>	1



**Universal touch dimmer 2gang**



Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption, standby (Channel 1/Channel 2)	0.3/0.7 W
Power consumption (standby)	< 0.3 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
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 mm <sup>2</sup>
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

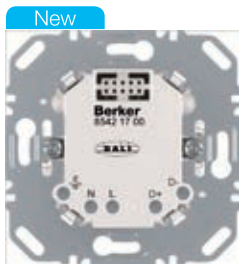
- low intrinsic energy requirement
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- bulb-preserving soft startup
- short-circuit and overload proof (electronic fuse)
- 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
Universal touch dimmer 2gang	<b>8542 21 00</b>	1

**DALI control devices**



**DALI/DSI control insert**

DALI cable length at 1.5 mm <sup>2</sup>	max. 300 m
Operating voltage	230 V~
Operating temperature	-5 ... +45 °C
Number of substations	unlimited
Output current	max. 40 mA
Housing installation depth	22 mm
Frequency	50/60 Hz
Insertion depth	32 mm
Quantity of DALI devices	max. 20
DALI voltage	16 V= (10.5 ... 22.5 V=)
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>
Cable length, extensions	max. 100 m
Power consumption (standby)	< 0.4 W

- automatic detection of DALI/DSI devices
- remote control with KNX radio hand-held transmitters in combination with KNX radio buttons/KNX radio wall-transmitters
- low intrinsic energy requirement
- with extension unit input for push-button (NO contact)
- automatic selection of operating mode (active/passive)
- with electronic short-circuit and overload protection
- for switching and controlling electr. ballasts and Tronic transformer with DALI interface
- with screw terminals
- no conductive connection between supporting ring and spreading claws
- Control information is send centrally to all users in the DALI network (Broadcast)
- switch-on brightness level can be stored safe after power failure

Not suitable for combining with other DALI systems.

Design	Order no.	PU
DALI/DSI control insert	<b>* 8542 17 00</b>	1

**Buttons for switches/dimmers**



**Button 1gang**

**i 468**

Operating voltage  
Operating temperature

via insert  
-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

Suitable for	Order no.	Page
Relay insert	8512 12 00	43
DALI/DSI control insert	8542 17 00	46
Switch insert 1gang	8512 11 00	44
Touch dimmer (R, L)	8542 11 00	45
Universal touch dimmer 1gang	8542 12 00	45

Design

Order no.

PU

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

white glossy	<b>8514 11 82</b>	1
polar white glossy	<b>8514 11 89</b>	1
polar white matt	<b>8514 11 88</b>	1
anthracite matt, lacquered	<b>8514 11 85</b>	1
aluminium matt, lacquered	<b>8514 11 83</b>	1

**Berker Q.1/Q.3**

white velvety	<b>* 8514 11 22</b>	1
polar white velvety	<b>8514 11 29</b>	1
anthracite velvety, lacquered	<b>8514 11 26</b>	1

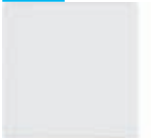
**Berker K.1/K.5**

polar white glossy	<b>8514 11 79</b>	1
anthracite matt, lacquered	<b>8514 11 75</b>	1
aluminium, matt, lacquered	<b>8514 11 77</b>	1
stainless steel matt, lacquered	<b>8514 11 73</b>	1

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	<b>8514 11 39</b>	1
black glossy <sup>1)</sup>	<b>8514 11 31</b>	1

<sup>1)</sup>no dismantling protection possible



**Button 2gang**

**i 468**

Operating voltage  
Operating temperature

via insert  
-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

Suitable for	Order no.	Page
Switch insert 2gang	8512 22 00	44
Universal touch dimmer 2gang	8542 21 00	46

Design

Order no.

PU

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

white glossy	<b>8514 21 82</b>	1
polar white glossy	<b>8514 21 89</b>	1
polar white matt	<b>8514 21 88</b>	1
anthracite matt, lacquered	<b>8514 21 85</b>	1
aluminium matt, lacquered	<b>8514 21 83</b>	1

**Berker Q.1/Q.3**

white velvety	<b>* 8514 21 22</b>	1
polar white velvety	<b>8514 21 29</b>	1
anthracite velvety, lacquered	<b>8514 21 26</b>	1





Design	Order no.	PU
<b>Berker K.1/K.5</b>		
polar white glossy	<b>8514 21 79</b>	1
anthracite matt, lacquered	<b>8514 21 75</b>	1
aluminium, matt, lacquered	<b>8514 21 77</b>	1
stainless steel matt, lacquered	<b>8514 21 73</b>	1
<b>Berker R.1/R.3</b>		
polar white glossy <sup>1)</sup>	<b>8514 21 39</b>	1
black glossy <sup>1)</sup>	<b>8514 21 31</b>	1

<sup>1)</sup> no dismantling protection possible

## (Built-in) Dimmers

### Built-in dimmers



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

Operating voltage	230 V~	- basic brightness programmable
Frequency	50/60 Hz	- with extension unit input for push-button (NO contact) with single-surface operation
Switching current	10 A	- bulb-preserving soft startup
Control current	200 mA	- e.g. for fluorescent lamps and LV halogen lamps
Dimensions (L x W x H)	175 x 42 x 18 mm	- with selectable brightness memory
		- alarm zones can be activated individually or linked
		- with screw terminals

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

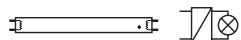
To ensure same illumination, use only electronic ballasts and fluorescent lamps from the same manufacturers.

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

Neutral conductor necessary!

Interface according to DIN EN 61347-2-3

Suitable for optional	Order no.	Page
Making current limiter	185	59



μ

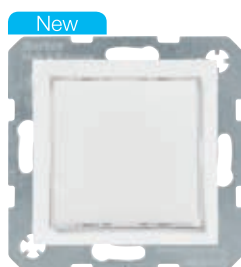


Design	Order no.	PU
polar white	<b>2872</b>	1

## Pilot lamps

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

### LED signal lights



#### LED signal light, white lighting

Rated voltage	230 V~	- Brightness modifiable via potentiometer
Frequency	50/60 Hz	- Light colour cold white
Power consumption	at 230 ~, 50 Hz - max. 1 W	- for signalling notices, information or warnings
Quantity LED lamps	4	- switchable via separate switch
Ambient temperature	-15 ... +40 °C	- Foils with imprint of symbols insertable
Conductor cross-section	2.5 mm <sup>2</sup>	

For installation in standard wall boxes according to DIN 49073-1

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	★ <b>2953 89 82</b>	1
polar white glossy	★ <b>2953 89 89</b>	1
polar white matt	★ <b>2953 19 09</b>	1
anthracite matt	★ <b>2953 16 06</b>	1
aluminium matt, lacquered	★ <b>2953 14 04</b>	1
<b>Berker Q.1/Q.3</b>		
white velvety	★ <b>2953 60 82</b>	1
polar white velvety	★ <b>2953 60 89</b>	1
anthracite velvety	★ <b>2953 60 86</b>	1







Design	Order no.	PU
<b>Berker K.1/K.5</b>		
polar white glossy	* 2953 70 09	1
anthracite matt	* 2953 70 06	1
aluminium matt, lacquered	* 2953 70 03	1
stainless steel matt, lacquered	* 2953 70 04	1



<b>Berker R.1/R.3</b>		
polar white glossy	* 2953 20 89	1
black glossy	* 2953 20 45	1



**LED signal light, RGB** i 451

Rated voltage	230 V~	- Brightness modifiable via potentiometer
Frequency	50/60 Hz	- Light colours cold white, warm white, blue, orange, red, green, purple (magenta) and colour sequence callable via push-button
Power consumption	at 195 ... 265 V~, 50/60 Hz max. 2 W	- Colour sequence can be stopped at any position via the push-button.
Quantity LED lamps	4	- for signalling notices, information or warnings
Ambient temperature	-15 ... +40 °C	- colour is switchable via an external switch
Conductor cross-section	2.5 mm²	- Foils with imprint of symbols insertable

For installation in standard wall boxes according to DIN 49073-1



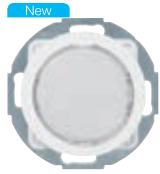
Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	* 2951 89 82	1
polar white glossy	* 2951 89 89	1
polar white matt	* 2951 19 09	1
anthracite matt	* 2951 16 06	1
aluminium matt, lacquered	* 2951 14 04	1



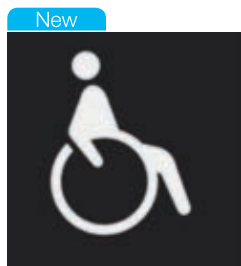
<b>Berker Q.1/Q.3</b>		
white velvety	* 2951 60 82	1
polar white velvety	* 2951 60 89	1
anthracite velvety	* 2951 60 86	1



<b>Berker K.1/K.5</b>		
polar white glossy	* 2951 70 09	1
anthracite matt	* 2951 70 06	1
aluminium matt, lacquered	* 2951 70 03	1
stainless steel matt, lacquered	* 2951 70 04	1



<b>Berker R.1/R.3</b>		
polar white glossy	* 2951 20 89	1
black glossy	* 2951 20 45	1



**Foil for LED signal light**

Inserts will only reach the degree of protection IP55 if mounted with a housing surface mounted or frame for flush-mounted installation.

The imprinted symbol is not visible in switched off state of the signal light.

- also for surface-mounted wet-room installation: LED signal light inserts

Design	Order no.	Page	PU
with imprinted symbol for man	* 1905 80 01	49	1
with imprinted symbol for woman	* 1905 80 02	48	1
with imprinted symbol for wheelchair	* 1905 80 03		1
with imprinted symbol for stairs	* 1905 80 04		1
with imprinted symbol for elevator	* 1905 80 05		1

New



### Foil for round LED signal light

Inserts will only reach the degree of protection IP55 if mounted with a housing surface mounted or frame for flush-mounted installation.

The imprinted symbol is not visible in switched off state of the signal light.

**Suitable for**  
LED signal light, RGB  
LED signal light, white lighting

**Order no.**  
2951 20 ..  
2953 20 ..

**Page**  
49  
49

Design	Order no.	PU
with imprinted symbol for man	★ 1905 80 06	1
with imprinted symbol for woman	★ 1905 80 07	1
with imprinted symbol for wheelchair	★ 1905 80 08	1
with imprinted symbol for stairs	★ 1905 80 09	1
with imprinted symbol for elevator	★ 1905 80 10	1

New



### LED signal light, red/green lighting

**i** 451

Rated voltage	230 V~	- for signalling of e.g. access control
Frequency	50/60 Hz	- switchable between red and green via separate switches
Power consumption	at 230 ~, 50 Hz - per colour max. 0.5 W	- Two coloured foils with imprinted symbols for Do not disturb/ Clean room and Please enter/ Please wait are supplied
Quantity LED lamps	4	
Ambient temperature	-15 ... +40 °C	
Conductor cross-section	2.5 mm <sup>2</sup>	

For installation in standard wall boxes according to DIN 49073-1

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	★ 2952 89 82	1
polar white glossy	★ 2952 89 89	1
polar white matt	★ 2952 19 09	1
anthracite matt	★ 2952 16 06	1
aluminium matt, lacquered	★ 2952 14 04	1



New



<b>Berker Q.1/Q.3</b>		
white velvety	★ 2952 60 82	1
polar white velvety	★ 2952 60 89	1
anthracite velvety	★ 2952 60 86	1

New



<b>Berker K.1/K.5</b>		
polar white glossy	★ 2952 70 09	1
anthracite matt	★ 2952 70 06	1
aluminium matt, lacquered	★ 2952 70 03	1
stainless steel matt, lacquered	★ 2952 70 04	1

New



<b>Berker R.1/R.3</b>		
polar white glossy	★ 2952 20 89	1
black glossy	★ 2952 20 45	1

New



### Foil bi-colour for LED signal light

Inserts will only reach the degree of protection IP55 if mounted with a housing surface mounted or frame for flush-mounted installation.

The imprinted symbol is not visible in switched off state of the signal light.

- also for surface-mounted wet-room installation:  
LED signal light inserts

**Suitable for**  
LED signal light, red/green lighting

**Order no.**  
2952 ..

**Page**  
50

Design	Order no.	PU
with imprinted symbol for Do not disturb/Make up room	★ 1905 80 11	1
with imprinted symbol for Wait/Enter	★ 1905 80 12	1



New



**Foil bi-colour for round LED signal light**

Inserts will only reach the degree of protection IP55 if mounted with a housing surface mounted or frame for flush-mounted installation.

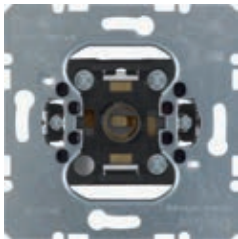
The imprinted symbol is not visible in switched off state of the signal light.

– with imprint symbol for e.g. Please Do Not Disturb / Please Clean Room

Design	Order no.	Page
with imprinted symbol for Do not disturb/Make up room	* 1905 80 13	1
with imprinted symbol for Wait/Enter	* 1905 80 14	1

Suitable for	Order no.	Page
LED signal light, red/green lighting	2952 20 ..	50

**Push-buttons/pilot lamps**



**Push-button/pilot lamp E10**

Rated voltage 250 V~ – for illumination and monitoring circuit  
 Momentary-contact current 2 A – with screw terminals  
 Incandescent lamp power max. 2 W

**i 452**

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



Suitable for	Order no.	Page
Cover for push-button/pilot lamp E10	1247 00 04	54
Knob for push-button/pilot lamp E10	1279 ..	54
Cover for push-button/pilot lamp E10	128 ..	53
Neon lamp E10	1601	53
LED lamp E10	1678 ..	53
Centre plate for push-button/pilot lamp E10	1124 60 82 ..	51

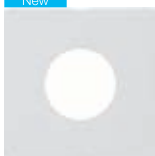
**Centre plate for push-button/pilot lamp E10**

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



Design	Order no.	Page
<b>Berker S.1/B.3/B.7</b>		
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
<b>Berker Q.1/Q.3</b>		
white velvety	* 1124 60 82	10
polar white velvety	1124 60 89	10
anthracite velvety, lacquered	1124 60 86	10

New



**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





**Centre plate for push-button/pilot lamp E10**

- labelling field

- centre plate for plug-in fixing



Cut-out Ø 27.2 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 6 mm P-touch strips.

Design	Order no.	PU
<b>Berker Arsys</b>		
white glossy	# 1165 00 02	10
polar white glossy	# 1165 00 69	10
brown glossy	# 1165 00 01	10



**Pilot lamp E14**

Rated voltage  
Incandescent lamp power  
Long lamp base

250 V~  
max. 3 W  
max. 23.5 mm

- with screw terminals

**Suitable for**  
Cover for pilot lamp E14  
Incandescent lamp E14  
LED lamp E14  
Centre plate for pilot lamp E14

**Order no.**  
1198 60 82 ..

**Page**  
page 54  
page 53  
page 53  
52



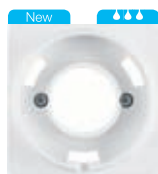
Design	Order no.	PU
Pilot lamp E14	5131 02	10



**Centre plate for pilot lamp E14**

For LEDs, incandescent lamps and covers see "Supplementary products".

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
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
<b>Berker Q.1/Q.3</b>		
white velvety	★ 1198 60 82	10
polar white velvety	1198 60 89	10
anthracite velvety, lacquered	1198 60 86	10
<b>Berker K.1/K.5</b>		
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
<b>Berker Arsys</b>		
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





Design	Order no.	PU
<b>Berker R.1/R.3</b>		
polar white glossy	<b>1198 20 89</b>	10
black glossy	<b>1198 20 45</b>	10

**Incandescent, neon and LED lamps**



<b>LED lamp E10</b>				
Operating voltage	230 V~/=	- very long LED lifetime		
Rated current	4 mA			
Operating temperature	-40 ... +70 °C			
	<b>Suitable for</b>		<b>Order no.</b>	<b>Page</b>
	Push-button/pilot lamp E10, NO contact		5101 ..	51
	Push-button/pilot lamp E10, NO contact, with centre plate		5104 ..	371
Design	Order no.			PU
white	<b>1678</b>			10
red	<b>1678 01</b>			10
yellow	<b>1678 02</b>			10
green	<b>1678 03</b>			10
blue	<b>1678 04</b>			10



<b>Neon lamp E10</b>				
Operating voltage	230 V~			
Rated current	1.35 mA			
	<b>Suitable for</b>		<b>Order no.</b>	<b>Page</b>
	Push-button/pilot lamp E10			page 51
	Push-button complete for stairway light			page 148
Design	Order no.			PU
clear, transparent	<b>1601</b>			100



<b>LED lamp E14</b>				
Operating voltage	230 V~/=	- for light signal with flat and high cover		
Rated current	4.2 mA	- very long LED lifetime		
Operating temperature	-40 ... +70 °C			
	<b>Suitable for</b>		<b>Order no.</b>	<b>Page</b>
	Pilot lamp E14		5131 02	52
Design	Order no.			PU
white	<b>1679</b>			10
red	<b>1679 01</b>			10
yellow	<b>1679 02</b>			10
green	<b>1679 03</b>			10
blue	<b>1679 04</b>			10



<b>Incandescent lamp E14</b>				
Operating voltage	230 V~			
Power	3 W			
	<b>Suitable for</b>		<b>Order no.</b>	<b>Page</b>
	Pilot lamp E14		5131 02	52
Design	Order no.			PU
clear, transparent, for pilot lamp with flat cover	<b>1610 03</b>			100
clear, transparent, for pilot lamp with high cover	<b>1610 13</b>			100

**Covers and push-buttons**



<b>Cover for push-button/pilot lamp E10</b>				
	<b>Suitable for</b>		<b>Order no.</b>	<b>Page</b>
	Push-button/pilot lamp E10, NO contact		5101 ..	51
Design	Order no.			PU
clear, transparent	<b>1280</b>			10
red, transparent	<b>1281</b>			10
yellow, transparent	<b>1282</b>			10
green, transparent	<b>1283</b>			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**

Push-button/pilot lamp E10, NO contact

**Order no.**

5101 ..

**Page**

51

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**

Push-button/pilot lamp E10, NO contact

**Order no.**

5101 ..

**Page**

51

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**  
Pilot lamp E14

**Order no.**  
5131 02

**Page**  
52

Design

Order no.

PU

clear, transparent, flat

**1220**

10

clear, transparent, high

**1230**

10

red, transparent, high

**1231**

10

green, transparent, high

**1232**

10

**Supplementary products**

		LED unit with N terminal	Glow 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
<b>Designation</b>	<b>Order no.</b>	<b>12 ... 48 V</b>	<b>6 ... 48 V</b>	<b>230 V~</b>			<b>400 V~</b>		
<b>Rocker switches</b>									
Change-over switch	3031 3036 3036 50	●	●	●	●				
Intermediate switch	3037	●	●	●	●				
<b>Multi-pole rocker switches</b>									
On/off switch 2pole 10 AX	3032	●	●	●	●				
On/off switch 2pole 16 AX	3032 12						●		
On/off switch 2pole 20 A	5230 32 13						●		
On/off switch 3pole	3033 03								●
<b>Rocker switches, 2gang</b>									
Series switch	3035 3035 50	● <sup>1)</sup>	● <sup>1)</sup>		● <sup>1)</sup>			●	
Double change-over switch	3038 08						● <sup>1)</sup>		
<b>Rocker push-buttons</b>									
Push-button, NO contact	5031 5031 50	●	●	●	●				
Push-button, change-over	5036	●	●	●	●				
Push-button, NO contact, 2 separate signal contacts	5031 01	●	●	●	●				
Push-button, NO contact + NC contact	5032 03	●	●	●	●				
<b>Series push-buttons</b>									
Series push-button, 2 NO contacts	5035 5035 03	● <sup>1)</sup>	● <sup>1)</sup>		● <sup>1)</sup>				
Series push-button, 1 NO contact + 1 NC contact	5035 01	● <sup>1)</sup>	● <sup>1)</sup>		● <sup>1)</sup>				
Series push-button, 2 change-overs	5038 08						● <sup>1)</sup>		
Group series push-button, 4 NO contacts	5034 04						● <sup>1)</sup>		
<b>Pullcord switches</b>									
Pullcord switch off/change-over	3966					●			
Pullcord push-button, change-over contact with separate signal contact	3956 19		●		●				
<b>Push-buttons for hotel card</b>									
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

<sup>1)</sup> 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.



**Glow lamp unit with N-terminal**

**i 448**

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, 6 V, 35 mA	<b>1676</b>	10
yellow, 12 V, 65 mA	<b>1676 02</b>	10
green, 24 V, 35 mA	<b>1676 01</b>	10
red, 48 V, 25 mA	<b>1676 03</b>	10



**Neon lamp unit with N terminal**

**i 448**

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

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.

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	<b>1675</b>	10
orange, 230 V~, 0.4 mA	<b>1675 04</b>	10



**Neon lamp unit with N terminal**

**i 448**

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

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.

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.

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	<b>1605 10</b>	10
orange, 230 V~, 0.4 mA	<b>1605 14</b>	10



**Neon lamp unit for switches/push-buttons**

**i 449**

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 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	<b>1600 02</b>	10



**Neon lamp unit for on/off switch 3pole**

**i 449**

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

– for illumination and monitoring circuit

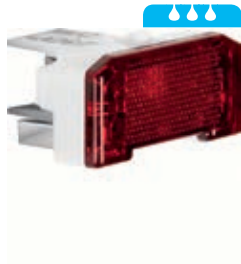
Design	Order no.	PU
clear, transparent, 400 V~, 0.5 mA	<b>1600</b>	10

**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.



**LED unit 230 V, for switches/push-buttons**

Service life of the LED  $\approx 100000$  h

– also for waterproof installation of switches and push-buttons

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

– for illumination and monitoring circuit

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  $\mu$ F per 10 mA LED current) in parallel with the coil.

– 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

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

Design	Order no.	PU
white, 230 V~, 1 mA	<b>1686</b>	10
black, 230 V~, 0.4 mA	<b>1686 01</b>	10



**LED unit for switches/push-buttons**

Service life of the LED  $\approx 100000$  h

– also for waterproof installation of switches and push-buttons

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

– for illumination and monitoring circuit

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

– for change-over/intermediate switch and on/off switch, 2-pole, 10 AX

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

– for rocker push-buttons and multiple rockers push-buttons, except order no. 503404, 503808

Design	Order no.	PU
blue, 12 ... 48 V AC/DC, 0.2 ... 0.9 mA	<b>1687</b>	10



**LED unit with N terminal for series switch**

**i 448**

Neutral conductor necessary!

– for control circuit per series

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

– with screw terminal

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

Design	Order no.	PU
black, 230 V~, 0.9 mA each	<b>1680</b>	1



**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**

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

- 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
- without extension unit for use with universal rotary dimmers, order no. 2834 .. or 2861 10
- when used with Tronic rotary dimmer (R, C), order no. 2874 or BLC extension unit, order no. 2907, only in conjunction with control module for mains decoupler, order no. 188 11
- when used with BLC universal touch dimmer (R, L, C), order no. 2902, only in conjunction with BLC button

Suitable for	Order no.	Page
Rotary dimmer (R, L)	2873	37
Rotary dimmer 600 W	2875	37
Tronic rotary dimmer 525 W (R, C)	2874	38
Universal rotary dimmer (R, L, C)	2861 10	39
Universal rotary dimmer with centre plate (R, L, C)	2834 ..	355
1-10 V rotary potentiometer	289 ..	40
<b>optional</b>		
Control module for mains decoupler	188 11	59

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.

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.



Design	Order no.	PU
light grey	<b>1 8799 01</b>	1





**Mains decoupler RMD**

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

- without extension unit for use with universal rotary dimmers, order no. 2834 .. or 2861 10
- when used with Tronic rotary dimmer (R, C), order no. 2874 or BLC extension unit, order no. 2907, only in conjunction with control module for mains decoupler, order no. 188 11
- when used with BLC universal touch dimmer (R, L, C), order no. 2902, only in conjunction with BLC button

Suitable for	Order no.	Page
Rotary dimmer (R, L)	2873	37
Rotary dimmer 600 W	2875	37
Tronic rotary dimmer 525 W (R, C)	2874	38
Universal rotary dimmer (R, L, C)	2861 10	39
Universal rotary dimmer with centre plate (R, L, C)	2834 ..	355
1-10 V rotary potentiometer	289 ..	40
<b>optional</b>		
Control module for mains decoupler	188 11	59

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.

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.



Design	Order no.	PU
light grey	<b>187 00</b>	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	59
Mains decoupler comfort RMD	1 8799 01	58

Design	Order no.	PU
black	<b>188 11</b>	1

**Making current limiters**



**Making current limiter**

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.

**i 475**

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	<b>185</b>	1

**Lock cylinders**



**Lock cylinder**

**i** 460

length 40 mm – for switches/push-buttons for lock cylinders  
 – for change-over switches/push-buttons for lock cylinders  
 – with 3 keys

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

**Suitable for**  
 Key switches/key push-buttons page 32  
 Centre plate for key push-button for blinds/key switch page 90  
 Key switches/key push-buttons for blinds page 87

Design Order no. PU

**with differing closures**

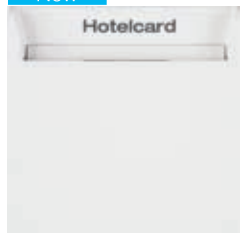
Lock cylinder **1818** 1

**with same closures**

Lock cylinder **1818 01** 1

**Hotel applications**

New



**Relay switch with centre plate for hotel card**

**i** 458

Rated voltage 230 V~ +10/-15 % – with potentiometer for incremental adjustment of delay time  
 Frequency 50/60 Hz – for illumination  
 Switching current 10 A /230 V AC1 – illuminated with blue LED if hotel card is not inserted  
 Power consumption < 0.2 W – with potential-free contact  
 Inductive load at cos φ = 0.6 max. 6 A – with screw-in lift terminals  
 230 V incandescent lamps and halogen lamps 1500 W  
 Electronic transformers 1500 W  
 Fluorescent lamps:  
 - in Duo circuit 1500 W  
 Delay time incrementally adjustable 0, 15, 30, 60 s  
 Card thickness 0.8 ... 1.2 mm  
 Card width max. 55 mm  
 Operating temperature -5 ... +50 °C  
 Screw terminals (max.) 2 x 2.5 mm<sup>2</sup>  
 Insertion depth 32 mm  
 Conventional transformers 1500 VA  
 Compact fluorescent lamps 500 W

Neutral conductor necessary!

Design Order no. PU

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

white glossy ★ 1640 89 92 1  
 polar white glossy ★ 1640 89 99 1  
 polar white matt ★ 1640 99 09 1  
 anthracite matt ★ 1640 99 06 1  
 aluminium matt, lacquered ★ 1640 89 84 1

**Berker Q.1/Q.3**

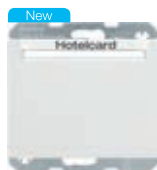
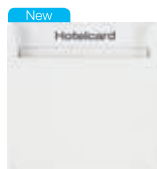
white velvety ★ 1640 60 92 1  
 polar white velvety ★ 1640 60 99 1  
 anthracite velvety ★ 1640 60 96 1

**Berker K.1/K.5**

polar white glossy ★ 1641 71 19 1  
 anthracite matt ★ 1641 71 16 1  
 aluminium matt, lacquered ★ 1641 71 34 1  
 stainless steel matt, lacquered ★ 1641 71 14 1

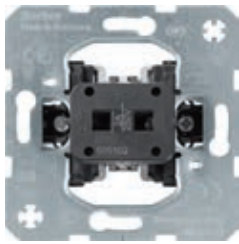
**Berker R.1/R.3**

polar white glossy 1640 20 89 1  
 black glossy 1640 20 45 1



**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 mm<sup>2</sup>

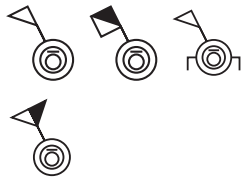


**Push-button for hotel card**

Rated voltage 250 V~ - for illumination and monitoring circuit  
 Momentary-contact current 2 A - with plug-in terminals  
 10 A design on request.

**i 458**

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	56
Glow lamp unit with N-terminal	1676 ..	56
LED unit 230 V, for switches/push-buttons	1686 ..	20



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



**Centre plate with imprint for push-button for hotel card**

- red lens



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

Other imprint on request!

Design	Order no.	PU
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**Berker S.1/B.3/B.7**

white glossy	<b>1640 89 82</b>	10
polar white glossy	<b>1640 89 89</b>	10
polar white matt	<b>1640 19 09</b>	10
anthracite matt	<b>1640 16 06</b>	10
aluminium matt, lacquered	<b>1640 14 04</b>	10

**Berker Q.1/Q.3**

white velvety <sup>1)</sup>	<b>* 1640 60 82</b>	10
polar white velvety <sup>1)</sup>	<b>1640 60 89</b>	10
anthracite velvety, lacquered <sup>1)</sup>	<b>1640 60 86</b>	10

**Berker K.1/K.5**

polar white glossy	<b>1641 71 09</b>	10
anthracite matt, lacquered	<b>1641 71 06</b>	10
aluminium matt, lacquered	<b>1641 71 03</b>	10
stainless steel matt, lacquered	<b>1641 71 04</b>	10

**Berker Arsys**

white glossy	<b># 1641 00 02</b>	10
polar white glossy	<b># 1641 00 69</b>	10
brown glossy	<b># 1641 00 01</b>	10
light bronze matt, lacquered	<b># 1641 90 11</b>	10
stainless steel matt, lacquered	<b># 1641 90 04</b>	10

<sup>1)</sup> with orange lens



## Accessible 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 mm<sup>2</sup>
- Switching angle 3.5°

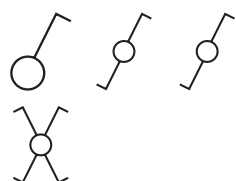


#### Change-over/intermediate switch

**i** 448

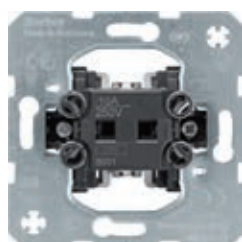
Rated voltage 250 V~ - for illumination and monitoring circuit  
Switching current 10 AX - with plug-in terminals

Suitable for optional	Order no.	Page
LED unit 230 V, for switches/push-buttons	1686 ..	20
Neon lamp unit with N terminal	1675 ..	56
LED unit for switches/push-buttons	1687	57
Glow lamp unit with N-terminal	1676 ..	56



Design	Order no.	PU
On/off switch	<b>3031</b>	10
Change-over switch	<b>3036</b>	10
Change-over switch for installation in hollow walls <sup>1)</sup>	<b>3036 50</b>	10
Intermediate switch	<b>3037</b>	10

<sup>1)</sup> low installation depth, without spreader claws

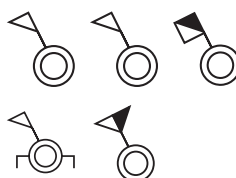


#### Push-button

**i** 450

Rated voltage 250 V~ - for illumination and monitoring circuit  
Momentary-contact current 10 A - with plug-in terminals  
Contact spacing > 3 mm

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1675 ..	56
Glow lamp unit with N-terminal	1676 ..	56
LED unit 230 V, for switches/push-buttons	168 ..	20



Design	Order no.	PU
Push-button, NO contact	<b>5031</b>	10
Push-button, NO contact for installation in hollow walls <sup>1)</sup>	<b>5031 50</b>	10
Push-button, change-over	<b>5036</b>	10
Push-button, NO contact, 2 separate signal contacts	<b>5031 01</b>	10
Push-button, NC contact + NO contact, isolated input terminals	<b>5032 03</b>	10

<sup>1)</sup> low installation depth, without spreader claws

### Rockers for accessible construction

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



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 in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

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



**Berker Q.1/Q.3**

white velvety <sup>1)</sup>	* 1661 60 42	10
polar white velvety <sup>1)</sup>	1661 60 49	10

**Berker K.1/K.5**

polar white glossy	1661 71 09	10
--------------------	------------	----

**Berker R.1/R.3**

polar white glossy <sup>2)</sup>	1661 20 49	10
----------------------------------	------------	----

<sup>1)</sup> only orange and clear lenses enclosed  
<sup>2)</sup> 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
------------------	------------	----

**Berker Q.1/Q.3**

white velvety <sup>1)</sup>	* 1651 60 42	10
polar white velvety <sup>1)</sup>	1651 60 49	10

**Berker K.1/K.5**

polar white glossy	1651 71 09	10
--------------------	------------	----

**Berker R.1/R.3**

polar white glossy <sup>2)</sup>	1651 20 49	10
----------------------------------	------------	----

<sup>1)</sup> with orange lens  
<sup>2)</sup> with clear lens



**Rocker for barrier-free construction**

- tactile bell symbol
- red lens

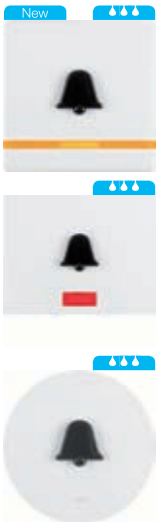


- also for KNX applications: push-button, 1gang

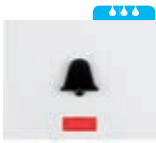
Design Order no. PU

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

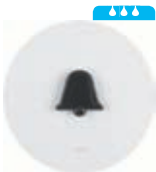
polar white matt	1651 19 59	10
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<b>Berker Q.1/Q.3</b>		
white velvety <sup>1)</sup>	* 1651 60 52	10
polar white velvety <sup>1)</sup>	1651 60 59	10

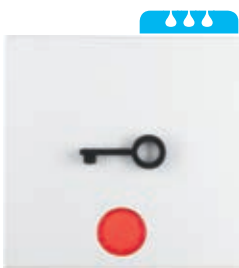


<b>Berker K.1/K.5</b>		
polar white glossy	1651 72 09	10



<b>Berker R.1/R.3</b>		
polar white glossy <sup>2)</sup>	1651 20 89	10

<sup>1)</sup> with orange lens  
<sup>2)</sup> with clear lens



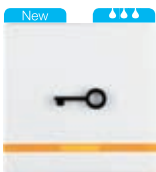
**Rocker for barrier-free construction**

- tactile symbol for door opener
- red lens

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



Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
polar white matt	1651 19 69	10



<b>Berker Q.1/Q.3</b>		
white velvety <sup>1)</sup>	* 1651 60 62	10
polar white velvety <sup>1)</sup>	1651 60 69	10



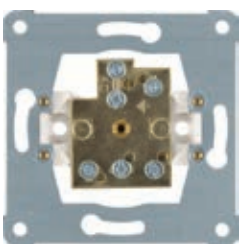
<b>Berker K.1/K.5</b>		
polar white glossy	1651 73 09	10



<b>Berker R.1/R.3</b>		
polar white glossy <sup>2)</sup>	1651 20 69	10

<sup>1)</sup> with orange lens  
<sup>2)</sup> with clear lens

**Equipotential bonding sockets**



**Socket outlet for floating output**

- screw terminals



Conductor cross-section (rigid) max. 6 mm<sup>2</sup>

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 ..	172
Centre plate socket outlet for floating output	1705 01 04	310
Right angle plug for floating output	4605	65



Design	Order no.	PU
Socket outlet for floating output	1061	10



**Built-in socket for floating output**

Conductor cross-section (rigid) max. 6 mm<sup>2</sup> – for centre plate with cut-out dia. 18.8 mm  
– with a green yellow signal ring

For separate earthing of medical-technical equipment and lab equipment.

Connection pins according to DIN 42801

Suitable for	Order no.	Page
Central plate with installation opening Ø 18.8 mm	1431 ..	117
Centre plate with installation opening Ø 18.8 mm	1070 ..	303
Right angle plug for floating output	4605	65



Design	Order no.	PU
Built-in socket for floating output	<b>4604</b>	1



**Right angle plug for floating output**

Conductor cross-section (rigid) max. 6 mm<sup>2</sup> – for equipotential bonding socket outlet  
and built-in socket  
– with yellow insulating cover and crimp connection

For separate earthing of medical-technical equipment and lab equipment.

For connection pins according to DIN 42801

Suitable for	Order no.	Page
Socket outlet for floating output <b>optional</b>	1061	64
Built-in socket for floating output	4604	65

Design	Order no.	PU
Right angle plug for floating output	<b>4605</b>	1

# 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.





Berker.Net -  
conventional electronics platform 68

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Motion detectors 73

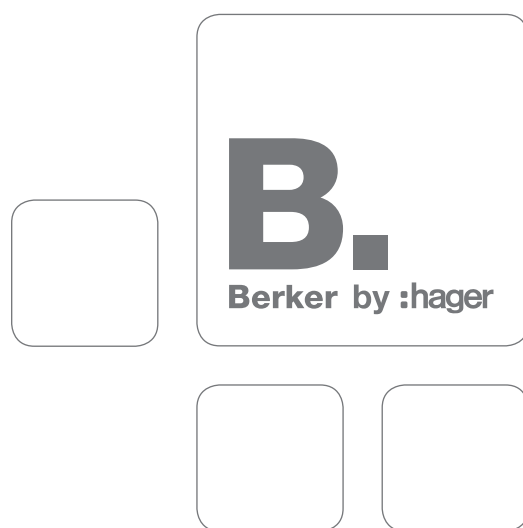
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Presence detectors 75

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Surface-mounted motion detectors/  
Built-in 78

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## Berker.Net - conventional electronics platform

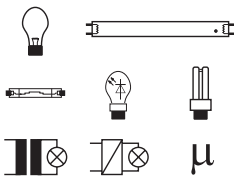
### Inserts



#### Relay insert

**i** 468

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- also usable as push-button relay switch
Minimum contact load	≈ 15 W	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
230 V retrofit LED lamps	440 W	- no conductive connection between supporting ring and spreading claws
Dimmable energy-saving lamps	440 W	- with screw terminals
230 V incandescent lamps and halogen lamps	2300 W	



Fluorescent lamps:		
- uncompensated	1100 VA	
- parallel compensated	1000 W / 130 µF	
- in Duo circuit	1000 W	
- with electrical 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	
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 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
Housing installation depth	22 mm	
Claw guidance installation depth	32 mm	

**Suitable for optional**

Making current limiter

**Order no.**

185 ..

**Page**

59

Neutral conductor necessary!

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



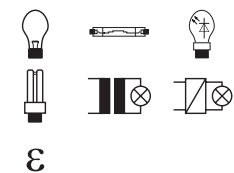
Design	Order no.	PU
Relay insert	<b>8512 12 00</b>	1



#### Switch insert 1gang

**i** 468

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
Dimmable energy-saving lamps	13 ... 80 W	- automatic setting to dimmable loads (autoDetect process)
230 V incandescent lamps and halogen lamps	25 ... 400 W	- bulb-preserving soft startup
Dimmable conventional transformers	25 ... 400 VA	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Electronic transformers and dual-mode transformers	25 ... 400 W	- short-circuit and overload proof (electronic fuse)
Number of substations	unlimited	- no conductive connection between supporting ring and spreading claws
Cable length, extensions	max. 50 m	- with screw terminals
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
Insertion depth	32 mm	



**Only suitable for operation with dimmable loads!**

**Caution!**

Only connect **dimmable** 230 V ESL or retrofit-LED lamps.

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	<b>8512 11 00</b>	1

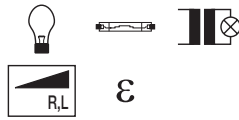


**Touch dimmer (R, L)**

**i 468**

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
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 mm <sup>2</sup>
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm
Power consumption (standby)	< 0.3 W

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



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

Design	Order no.	PU
Touch dimmer (R, L)	<b>8542 11 00</b>	1

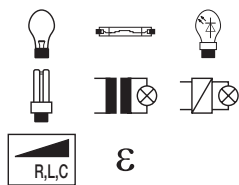


**Universal touch dimmer 1gang**

**i 468**

Operating voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
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 mm <sup>2</sup>
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm
Power consumption (standby)	< 0.3 W

- low intrinsic energy requirement
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- automatic setting to dimmable loads (auto Detect process)
- phase cut-on or cut-off according to load type, self-learning
- bulb-preserving soft startup
- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
- short-circuit and overload proof (electronic fuse)
- 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	<b>8542 12 00</b>	1



**Extension unit for motion detector**

**i 468**

Operating voltage	230 V~
Frequency	50/60 Hz
Number of motion detector extension units	unlimited
Cable length, extensions	max. 50 m
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>
Operating temperature	-5 ... +45 °C
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	<b>8532 01 00</b>	1



**Motion detector covers**



**IR motion detector comfort 1.1 m**

Nominal mounting height	1.1 m	- low intrinsic energy requirement
Detection field, rectangular shaped	≈ 12 x 16 m	- with button for on/off/automatic
Range, frontal	≈ 12 m	- LED application module/insert compatibility display
Range, side	each ≈ 8 m	- with operation and status LED, red/green/orange
Delay time, adjustable	≈ 10 s ... 30 min	- with memory function for presence simulation
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	- teach function for response brightness via button
Short time mode	200 ms	- with keylock
immunity time	≈ 10 s	- party function for switching on for 2 hours
Operating temperature	-5 ... +45 °C	- step operation with immunity time (e.g. for stair light/ impact current circuits)
Assembling height	34 mm	- μ-processor controlled mode of operation
		- with anti-dismantling protection

**i** 468

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

**Suitable for**  
Inserts

**Order no.**

**Page**  
page 68

Design

Order no.

PU

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

white glossy	<b>8534 12 82</b>	1
polar white glossy	<b>8534 12 89</b>	1
polar white matt	<b>8534 12 88</b>	1
anthracite matt	<b>8534 12 85</b>	1
aluminium, matt, lacquered	<b>8534 12 83</b>	1

**Berker Q.1/Q.3**

white velvety	<b>* 8534 12 22</b>	1
polar white velvety	<b>8534 12 29</b>	1
anthracite velvety, lacquered	<b>8534 12 26</b>	1

**Berker K.1/K.5**

polar white glossy	<b>8534 12 79</b>	1
anthracite matt, lacquered	<b>8534 12 75</b>	1
aluminium, matt, lacquered	<b>8534 12 77</b>	1
stainless steel matt, lacquered	<b>8534 12 73</b>	1

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	<b>8534 12 39</b>	1
black glossy <sup>1)</sup>	<b>8534 12 31</b>	1

<sup>1)</sup> no dismantling protection possible





**IR motion detector comfort 2.2 m**

**i** 468

Nominal mounting height	2.2 m	- low intrinsic energy requirement
Detection field, rectangular shaped	≈ 8 x 12 m	- with button for on/off/automatic
Range, frontal	≈ 8 m	- LED application module/insert compatibility display
Range, side	each ≈ 6 m	- with operation and status LED, red/green/orange
Delay time, adjustable	≈ 10 s ... 30 min	- with memory function for presence simulation
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	- teach function for response brightness via button
Short time mode	200 ms	- with keylock
immunity time	≈ 10 s	- party function for switching on for 2 hours
Operating temperature	-5 ... +45 °C	- step operation with immunity time (e.g. for stair light/ impact current circuits)
Assembling height	34 mm	- μ-processor controlled mode of operation
		- with anti-dismantling protection

Suitable for Inserts Order no. Page  
page 68

Design

Order no.

PU

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

white glossy	<b>8534 22 82</b>	1
polar white glossy	<b>8534 22 89</b>	1
polar white matt	<b>8534 22 88</b>	1
anthracite matt	<b>8534 22 85</b>	1
aluminium, matt, lacquered	<b>8534 22 83</b>	1

**Berker Q.1/Q.3**

white velvety	<b>* 8534 22 22</b>	1
polar white velvety	<b>8534 22 29</b>	1
anthracite velvety, lacquered	<b>8534 22 26</b>	1

**Berker K.1/K.5**

polar white glossy	<b>8534 22 79</b>	1
anthracite matt, lacquered	<b>8534 22 75</b>	1
aluminium, matt, lacquered	<b>8534 22 77</b>	1
stainless steel matt, lacquered	<b>8534 22 73</b>	1

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	<b>8534 22 39</b>	1
black glossy <sup>1)</sup>	<b>8534 22 31</b>	1

<sup>1)</sup> no dismantling protection possible



New



**Motion detector 1.1 m**

**i** 468

Nominal mounting height	1.1 m	- low intrinsic energy requirement
Detection field, rectangular shaped	≈ 12 x 16 m	- with button for on/off/automatic
Range, frontal	≈ 12 m	- LED application module/insert compatibility display
Range, side	each ≈ 8 m	- with operation and status LED, red/green/orange
Delay time	≈ 180 s	- with memory function for presence simulation
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	- teach function for response brightness via button
Operating temperature	-5 ... +45 °C	- with keylock
Assembling height	34 mm	- party function for switching on for 2 hours
		- μ-processor controlled mode of operation
		- with anti-dismantling protection

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

Suitable for Inserts Order no. Page  
page 68

Design

Order no.

PU

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

white glossy	<b>8534 11 82</b>	1
polar white glossy	<b>8534 11 89</b>	1
polar white matt	<b>8534 11 88</b>	1
anthracite matt	<b>8534 11 85</b>	1
aluminium, matt, lacquered	<b>8534 11 83</b>	1





**Berker Q.1/Q.3**

polar white velvety	★ 8534 11 22	1
polar white velvety	8534 11 29	1
anthracite velvety, lacquered	8534 11 26	1

**Berker K.1/K.5**

polar white glossy	8534 11 79	1
anthracite matt, lacquered	8534 11 75	1
aluminium, matt, lacquered	8534 11 77	1
stainless steel matt, lacquered	8534 11 73	1

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	8534 11 39	1
black glossy <sup>1)</sup>	8534 11 31	1

<sup>1)</sup> no dismantling protection possible



**Motion detector 2.2 m**

Nominal mounting height	2.2 m	- low intrinsic energy requirement
Detection field, rectangular shaped	≈ 8 x 12 m	- with button for on/off/automatic
Range, frontal	≈ 8 m	- LED application module/insert compatibility display
Range, side	each ≈ 6 m	- with operation and status LED, red/green/orange
Delay time	≈ 180 s	- with memory function for presence simulation
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	- teach function for response brightness via button
Operating temperature	-5 ... +45 °C	- with keylock
Assembling height	34 mm	- party function for switching on for 2 hours
		- μ-processor controlled mode of operation
		- with anti-dismantling protection

**i 468**

Suitable for Inserts	Order no.	Page page 68
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Design Order no. PU

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

white glossy	8534 21 82	1
polar white glossy	8534 21 89	1
polar white matt	8534 21 88	1
anthracite matt	8534 21 85	1
aluminium, matt, lacquered	8534 21 83	1



**Berker Q.1/Q.3**

white velvety	★ 8534 21 22	1
polar white velvety	8534 21 29	1
anthracite velvety, lacquered	8534 21 26	1

**Berker K.1/K.5**

polar white glossy	8534 21 79	1
anthracite matt, lacquered	8534 21 75	1
aluminium, matt, lacquered	8534 21 77	1
stainless steel matt, lacquered	8534 21 73	1

**Berker R.1/R.3**

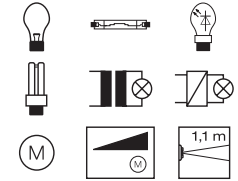
polar white glossy <sup>1)</sup>	8534 21 39	1
black glossy <sup>1)</sup>	8534 21 31	1

<sup>1)</sup> no dismantling protection possible

**Motion detectors**

Motion detector

New



**Motion detector 1.1 m**

Operating voltage	230 V~	- with red status LED
Frequency	50/60 Hz	- with 2 potentiometers for fine adjustment of response brightness and sensitivity
Power consumption (standby)	< 300 mW	- with switch-off pre-warning (can be deactivated)
230 V incandescent lamps and halogen lamps	25 ... 200 W	- short-circuit and overload proof (electronic fuse)
dimnable 230 V LED lamps	8 ... 40 W	- overheating protection (display using LEDs)
Compact fluorescent lamps	12 ... 48 W	- with button for on/off/automatic
Dimmable conventional transformers	25 ... 150 VA	
dimmable electronic transformers and bi-mode transformers	25 ... 150 W	
Motor switching current at $\cos \varphi = 0.6$	max. 1 A	
Delay time	$\approx 3$ min	
Lockout time	2 s	
Nominal mounting height	1.1 m	
Detection angle	180 °	
Detection field, semi-oval shaped	$\approx 10 \times 12$ m	
Response brightness, adjustable	$\approx 5 \dots 1000$ lx	
Screw terminals (max.)	2 x 1.5 ... 2.5 mm <sup>2</sup>	
Insertion depth	32 mm	
Operating temperature	-5 ... +45 °C	
Response brightness, adjustable	$\approx 5 \dots 1000$ lx, $\infty$ lx (day)	

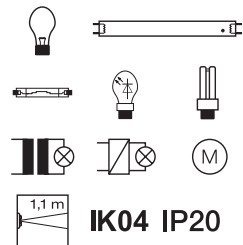
**Suitable for** Cover for motion detector compact 1.1m  
**Order no.** 1190 ..  
**Page** 74

**IK04 IP20**

Only suitable for indoor areas!  
 Switches on for the duration of the delay time when the minimum response brightness level is infringed and if people are detected.



Design	Motion detector 1.1 m	Order no.	* 2995	PU	1
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**Motion detector with neutral conductor connection 1.1m**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 350 mW
230 V incandescent lamps and halogen lamps	max. 1000 W
230 V LED lamps	max. 350 W
Fluorescent lamps	max. 200 VA
Compact fluorescent lamps	max. 350 W
Conventional transformers	max. 1000 VA
Electronic transformers and dual-mode transformers	max. 1000 W
Motor switching current at $\cos \varphi = 0.6$	max. 1 A
Delay time	$\approx 3$ min
Lockout time	2 s
Nominal mounting height	1.1 m
Detection angle	180 °
Detection field, semi-oval shaped	$\approx 10 \times 12$ m
Response brightness, adjustable	$\approx 5 \dots 1000$ lx
Screw terminals (max.)	2 x 1.5 ... 2.5 mm <sup>2</sup>
Insertion depth	32 mm
Operating temperature	-5 ... +45 °C
Response brightness, adjustable	$\approx 5 \dots 1000$ lx, $\infty$ lx (day)

- with red status LED
- with 2 potentiometers for fine adjustment of response brightness and sensitivity
- with switch-off pre-warning (can be deactivated)
- short-circuit and overload proof (electronic fuse)
- overheating protection (display using LEDs)
- with button for on/off/automatic

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Cover for motion detector compact 1.1m	1190 ..	74

Only suitable for indoor areas!  
Switches on for the duration of the delay time when the minimum response brightness level is infringed and if people are detected.



Design	Order no.	PU
Motion detector with neutral conductor connection 1.1m	★ <b>2996</b>	1



**Cover for motion detector compact 1.1m**

- with fixing element

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Motion detector 1.1 m	2995	73
Motion detector with neutral conductor connection 1.1m	2996	74

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	★ <b>1190 89 82</b>	10
polar white glossy	★ <b>1190 89 89</b>	10
polar white matt	★ <b>1190 19 09</b>	10
anthracite matt	★ <b>1190 16 06</b>	10
aluminium matt, lacquered	★ <b>1190 14 04</b>	10

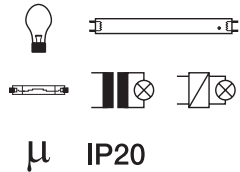


**Presence detectors**

**Presence detector surface-mounted/flush-mounted**



**Presence detector AP**



Operating voltage	230 V~	- with communication between individual units connected in parallel (controller system formation)
Frequency	50/60 Hz	- with red diagnosis and settings help LED
230 V incandescent lamps and halogen lamps	1000 W	- energy saving by means of presence and brightness-dependent ON and OFF switching of light
Conventional transformers	750 VA	- on push-button (NO), extension units can be switched on and off by retriggering
Electronic transformers	750 W	- for ceiling assembly (also on a 60 wall box)
Fluorescent lamps:		- also to be used as ceiling controller in through areas
- uncompensated	500 VA	- with plug-in terminals
- parallel compensated	400 VA [200 µF]	- with push-on cover to limit the detection field
Duo circuit KVG	1000 VA	- with fitting material
Detection angle	360 °	
Recommended installation height	≈ 2.5 ... 3.5 m	
Detection field Ø, at desk height	≈ 5 m	
Operating temperature	+5 ... +35 °C	
Presence detector run-on time, settable	≈ 10 ... 30 min	
Monitor run-on time, settable	≈ 10 s ... 10 min	
Switch-on current < 4 s	max. 35 A /min.	
Detection field Ø, on floor	≈ 8 m	
Activation on movement	< 30 cm	
Response brightness, adjustable	≈ 10 ... 1000 lx, ∞ lx (day)	
Dimensions (Ø x assembling height)	103 x 57.5 mm	
Switching current (ohmic)	max. 10 A	





Suitable for optional	Order no.	Page
Making current limiter	185	59





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.



Design	Order no.	PU
polar white matt	# 1701 08	1

<p><b>New</b></p>     <p><b>μ IP41</b></p>	<p><b>Surface-/flush-mounted presence detector 1-channel</b> <span style="float: right;"><b>i</b> 460</span></p> <table border="0"> <tr> <td>Operating voltage</td> <td>230 V~</td> <td rowspan="10"> <ul style="list-style-type: none"> <li>- with 2 operating modes: presence detector or ceiling controller</li> <li>- with communication between individual units connected in parallel (controller system formation)</li> <li>- with red diagnosis and settings help LED</li> <li>- energy saving by means of presence and brightness-dependent ON and OFF switching of light</li> <li>- on push-button (NO), extension units can be switched on and off by retriggering</li> <li>- 1 electronic output (Triac) for activation of the stair light time switch</li> <li>- for ceiling assembly (also on a 60 wall box)</li> </ul> </td> </tr> <tr> <td>Frequency</td> <td>50/60 Hz</td> </tr> <tr> <td>230 V incandescent lamps and halogen lamps</td> <td>2300 W</td> </tr> <tr> <td>Conventional transformers</td> <td>1500 VA</td> </tr> <tr> <td>Electronic transformers</td> <td>1500 W</td> </tr> <tr> <td>Fluorescent lamps:</td> <td></td> </tr> <tr> <td>- parallel compensated</td> <td>[200 μF]</td> </tr> <tr> <td>- with electrical ballast (EB)</td> <td>580 W</td> </tr> <tr> <td>Detection angle</td> <td>360 °</td> </tr> <tr> <td>Recommended installation height</td> <td>≈ 2.5 ... 3.5 m</td> </tr> <tr> <td>Detection field Ø, at desk height</td> <td>≈ 5 m</td> </tr> <tr> <td>Operating temperature</td> <td>+0 ... +45 °C</td> <td rowspan="2"> <table border="0"> <tr> <td><b>Suitable for optional</b></td> <td><b>Order no.</b></td> <td><b>Page</b></td> </tr> <tr> <td>Surface-mounted housing for presence detector</td> <td>EE8 13</td> <td>76</td> </tr> <tr> <td>Making current limiter</td> <td>185</td> <td>59</td> </tr> </table> </td> </tr> <tr> <td>Power consumption (standby)</td> <td>1.2 W</td> </tr> </table> <p>For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.</p> <p>The purpose of the presence detector is to save energy by switching off lighting when unoccupied or when ambient light level is sufficient.</p> <p>Application areas e.g. office buildings, schools, hotels and nursing homes.</p>	Operating voltage	230 V~	<ul style="list-style-type: none"> <li>- with 2 operating modes: presence detector or ceiling controller</li> <li>- with communication between individual units connected in parallel (controller system formation)</li> <li>- with red diagnosis and settings help LED</li> <li>- energy saving by means of presence and brightness-dependent ON and OFF switching of light</li> <li>- on push-button (NO), extension units can be switched on and off by retriggering</li> <li>- 1 electronic output (Triac) for activation of the stair light time switch</li> <li>- for ceiling assembly (also on a 60 wall box)</li> </ul>	Frequency	50/60 Hz	230 V incandescent lamps and halogen lamps	2300 W	Conventional transformers	1500 VA	Electronic transformers	1500 W	Fluorescent lamps:		- parallel compensated	[200 μF]	- with electrical ballast (EB)	580 W	Detection angle	360 °	Recommended installation height	≈ 2.5 ... 3.5 m	Detection field Ø, at desk height	≈ 5 m	Operating temperature	+0 ... +45 °C	<table border="0"> <tr> <td><b>Suitable for optional</b></td> <td><b>Order no.</b></td> <td><b>Page</b></td> </tr> <tr> <td>Surface-mounted housing for presence detector</td> <td>EE8 13</td> <td>76</td> </tr> <tr> <td>Making current limiter</td> <td>185</td> <td>59</td> </tr> </table>	<b>Suitable for optional</b>	<b>Order no.</b>	<b>Page</b>	Surface-mounted housing for presence detector	EE8 13	76	Making current limiter	185	59	Power consumption (standby)	1.2 W
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<p><b>New</b></p>     <p><b>μ IP41</b></p>	<p><b>Presence detector with constant light controller via 1-10 V interface surface-mounted/flush-mounted</b> <span style="float: right;"><b>i</b> 460</span></p> <table border="0"> <tr> <td>Operating voltage</td> <td>230 V~</td> <td rowspan="10"> <ul style="list-style-type: none"> <li>- with 3 operating modes: presence detector, ceiling controller and signal operation</li> <li>- with test mode</li> <li>- with communication between individual units connected in parallel (controller system formation)</li> <li>- with red diagnosis and settings help LED</li> <li>- energy saving by means of presence and brightness-dependent ON and OFF switching of light</li> <li>- on push-button (NO), extension units can be switched on and off by retriggering</li> <li>- with 1-10 V interface</li> <li>- for ceiling assembly (also on a 60 wall box)</li> </ul> </td> </tr> <tr> <td>Frequency</td> <td>50/60 Hz</td> </tr> <tr> <td>Switching current</td> <td>50 mA max. (1-10 V) A</td> </tr> <tr> <td>Power consumption (operation)</td> <td>1.2 W</td> </tr> <tr> <td>Fluorescent lamps:</td> <td></td> </tr> <tr> <td>- with electrical ballast (EB)</td> <td>580 W</td> </tr> <tr> <td>Detection angle</td> <td>360 °</td> </tr> <tr> <td>Recommended installation height</td> <td>≈ 2.5 ... 3.5 m</td> </tr> <tr> <td>Detection field Ø, at desk height</td> <td>≈ 5 m</td> </tr> <tr> <td>Operating temperature</td> <td>+0 ... +45 °C</td> </tr> <tr> <td>Line length</td> <td>max. 50 m</td> <td rowspan="2"> <table border="0"> <tr> <td><b>Suitable for optional</b></td> <td><b>Order no.</b></td> <td><b>Page</b></td> </tr> <tr> <td>Surface-mounted housing for presence detector</td> <td>EE8 13</td> <td>76</td> </tr> <tr> <td>Making current limiter</td> <td>185</td> <td>59</td> </tr> </table> </td> </tr> <tr> <td>Conductor cross-section (flexible)</td> <td>1 ... 4 mm<sup>2</sup></td> </tr> <tr> <td>Conductor cross-section (rigid)</td> <td>1 ... 4 mm<sup>2</sup></td> </tr> <tr> <td>Power consumption (standby)</td> <td>1.2 W</td> </tr> </table> <p>For electronic ballasts and energy-saving lamps with excessive switch-on currents, use switch-on current limiters order no. 185.</p> <p>The purpose of the presence detector is to save energy by switching off lighting when unoccupied or when ambient light level is sufficient.</p> <p>Application areas e.g. office buildings, schools, hotels and nursing homes.</p>	Operating voltage	230 V~	<ul style="list-style-type: none"> <li>- with 3 operating modes: presence detector, ceiling controller and signal operation</li> <li>- with test mode</li> <li>- with communication between individual units connected in parallel (controller system formation)</li> <li>- with red diagnosis and settings help LED</li> <li>- energy saving by means of presence and brightness-dependent ON and OFF switching of light</li> <li>- on push-button (NO), extension units can be switched on and off by retriggering</li> <li>- with 1-10 V interface</li> <li>- for ceiling assembly (also on a 60 wall box)</li> </ul>	Frequency	50/60 Hz	Switching current	50 mA max. (1-10 V) A	Power consumption (operation)	1.2 W	Fluorescent lamps:		- with electrical ballast (EB)	580 W	Detection angle	360 °	Recommended installation height	≈ 2.5 ... 3.5 m	Detection field Ø, at desk height	≈ 5 m	Operating temperature	+0 ... +45 °C	Line length	max. 50 m	<table border="0"> <tr> <td><b>Suitable for optional</b></td> <td><b>Order no.</b></td> <td><b>Page</b></td> </tr> <tr> <td>Surface-mounted housing for presence detector</td> <td>EE8 13</td> <td>76</td> </tr> <tr> <td>Making current limiter</td> <td>185</td> <td>59</td> </tr> </table>	<b>Suitable for optional</b>	<b>Order no.</b>	<b>Page</b>	Surface-mounted housing for presence detector	EE8 13	76	Making current limiter	185	59	Conductor cross-section (flexible)	1 ... 4 mm <sup>2</sup>	Conductor cross-section (rigid)	1 ... 4 mm <sup>2</sup>	Power consumption (standby)	1.2 W
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**IR presence detectors**

- IEC 60669-2-1
- Connection terminals according to IEC 60669-1

New



**IR presence detector**

**i 459**

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	2300 W
Conventional transformers	1500 VA
Electronic transformers	1500 W
Fluorescent lamps:	
- parallel compensated	1000 VA
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
Operating temperature	-10 ... +45 °C
Dimensions (Ø x H)	78 x 70 mm
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm

- can only be used as a single unit
- with potentiometers for setting the response brightness and delay time without dismantling
- with red and green acknowledge/receive LED
- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- operating modes: semiautomatic, automatic, teach-in, day, corridor, office, test mode
- on push-button (NO), extension units can be switched on and off by retriggering
- with spring clips for ceiling installation
- with screw terminals

Suitable for optional	Order no.	Page
IR configuration hand-held transmitter for presence detector	EE8 07	78
IR hand-held transmitter for presence detector	EE8 08	78
Surface-mounted housing for presence detector	EEK0 05	77

IP41

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
IR presence detector	<b>* EE8 15</b>	1

New



**DALI IR presence detector**

**i 459**

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
Operating temperature	-10 ... +45 °C
Dimensions (Ø x H)	78 x 70 mm
Installation opening Ø	60 ... 63 mm
Installation wall thickness	10 ... 28 mm

- 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
- with red and green acknowledge/receive LED
- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- operating modes: semiautomatic, automatic, teach-in, day, corridor, office, test mode
- on push-button (NO), extension units can be switched on and off by retriggering
- integrated DALI/DSI output (broadcast) for switching/controlling 24 DALI/DSI electronic ballasts
- with spring clips for ceiling installation
- with screw terminals

Suitable for optional	Order no.	Page
IR configuration hand-held transmitter for presence detector	EE8 07	78
IR hand-held transmitter for presence detector	EE8 08	78
Surface-mounted housing for presence detector	EEK0 05	77

IP41

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
DALI IR presence detector	<b>* EE8 16</b>	1

New



**Surface-mounted housing for presence detector**

**i 459**

Dimensions (Ø x H)	75 x 65 mm
--------------------	------------

- also for KNX applications - KNX IR presence detector
- with cable entry

Suitable for	Order no.	Page
IR presence detector	EE8 15	77
DALI IR presence detector	EE8 16	77

Design	Order no.	PU
Surface-mounted housing for presence detector	<b>* EEK0 05</b>	1



IP30

**IR hand-held transmitter for presence detector**

**i 459**

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.

- also for KNX applications - KNX IR presence detector
- additional acknowledgement LED for displaying the IR transmission
- RC6 code
- 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 detector	EE8 15	77
DALI IR presence detector	EE8 16	77



Design	Order no.	PU
IR hand-held transmitter for presence detector	★ <b>EE8 08</b>	1



IP30

**IR configuration hand-held transmitter for presence detector**

**i 459**

Battery service life [years] ≈ 2.5  
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.

- 3 configuration ranges for control, switch-off delay, brightness threshold
- also for KNX applications - KNX IR presence detector
- 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
- additional acknowledgement LED for displaying the IR transmission
- RC6 code
- 15 buttons with integrated status-LED
- 2 configuration memories for identical configuration of several presence detectors

Suitable for	Order no.	Page
IR presence detector	EE8 15	77
DALI IR presence detector	EE8 16	77



Design	Order no.	PU
IR configuration hand-held transmitter for presence detector	★ <b>EE8 07</b>	1

**Surface-mounted motion detectors/Built-in**



IP55

**Motion detector, 140°, surface-mounted**

Operating voltage 230 V~  
Frequency 50/60 Hz  
Switching current (ohmic) max. 10 A  
230 V incandescent lamps and halogen lamps 1500 W  
Conventional transformers 1500 VA  
Electronic transformers 1500 W  
Fluorescent lamps:  
- with electronic ballast (EB) 580 W  
Response brightness, adjustable ≈ 5 ... 1000 lx  
Delay time, adjustable 5 s ... 15 min  
Detection angle 140 °  
Recommended installation height ≈ 2.5 m  
Operating temperature -20 ... +55 °C  
Dimensions (W x H x D) 83 x 97 x 127 mm  
Power consumption (standby) 1.2 W

- can only be used as a single unit
- with potentiometers for setting the response brightness and delay time without dismantling
- with 2 operating modes: time- and light-dependent switch on or activation of a timer
- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- low intrinsic energy requirement
- with LED detection and mode indicator
- with cover elements to limit the detection field
- with cable entry
- for wall and ceiling installation, corner installation with adapter
- with fitting material
- with plug-in terminals

Suitable for optional	Order no.	Page
Mounting accessories		page 80
Hand-held transmitter for motion detector	EE8 06	80

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!



Design	Order no.	PU
polar white matt	★ <b>EE8 20</b>	1
anthracite matt	★ <b>EE8 21</b>	1



New

**Motion detector comfort 140° surface-mounted**

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current (ohmic)	max. 16 A
230 V incandescent lamps and halogen lamps	2300 W
Response brightness, adjustable	≈ 5 ... 1000 lx
Delay time, adjustable	5 s ... 15 min
Detection angle	140 °
Recommended installation height	≈ 2.5 m
Operating temperature	-20 ... +55 °C

- can be used as a single unit, main device or extension unit
- with potentiometers for setting the response brightness and delay time without dismantling
- with 2 operating modes: time- and light-dependent switch on or activation of a timer
- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- low intrinsic energy requirement
- with LED detection and mode indicator
- with potential-free NO contacts
- with cover elements to limit the detection field
- with cable entry
- for wall and ceiling installation, corner installation with adapter
- with fitting material
- with screw terminals

IP55

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
Hand-held transmitter for motion detector	EE8 06	80
Surface-mounted corner mounting adapter for EE8 55 motion detector comfort		80



Design	Order no.	PU
polar white matt	* <b>EE8 50</b>	1



New

**Motion detector comfort 220° surface-mounted**

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current (ohmic)	max. 16 A
230 V incandescent lamps and halogen lamps	2300 W
Response brightness, adjustable	≈ 5 ... 1000 lx
Delay time, adjustable	5 s ... 15 min
Detection angle	220 °
Recommended installation height	≈ 2.5 m
Operating temperature	-20 ... +55 °C

- can be used as a single unit, main device or extension unit
- with potentiometers for setting the response brightness and delay time without dismantling
- with 2 operating modes: time- and light-dependent switch on or activation of a timer
- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- low intrinsic energy requirement
- with LED detection and mode indicator
- with crawl-under protection
- with potential-free NO contacts
- with cover elements to limit the detection field
- with cable entry
- for wall and ceiling installation, corner installation with adapter
- with fitting material
- with screw terminals

IP55


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
Hand-held transmitter for motion detector	EE8 06	80
Surface-mounted corner mounting adapter for EE8 55 motion detector comfort		80



Design	Order no.	PU
polar white matt	* <b>EE8 60</b>	1


<p><b>New</b></p> 	<p><b>Motion detector, 360°, built-in</b></p> <p>Operating voltage 230 V~                  Frequency 50/60 Hz                  Switching current (ohmic) max. 8 A                  Response brightness, adjustable ≈ 5 ... 1000 lx                  Delay time, adjustable 5 s ... 15 min                  Detection angle 360 °                  Recommended installation height ≈ 2.5 m                  Operating temperature +0 ... +45 °C                  Installation opening Ø 75 mm                  Installation wall thickness 5 ... 20 mm</p> <p>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!</p>	<ul style="list-style-type: none"> <li>- can only be used as a single unit</li> <li>- with potentiometers for setting the response brightness and delay time without dismantling</li> <li>- energy saving by means of presence and brightness-dependent ON and OFF switching of light</li> <li>- low intrinsic energy requirement</li> <li>- on push-button (NO), extension units can be switched on and off by retriggering</li> <li>- with spring clips for ceiling installation</li> <li>- for ceiling mounting</li> <li>- for surface-mounted housing</li> <li>- with fitting material</li> <li>- with screw terminals</li> </ul>					
<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"><b>Suitable for optional</b></td> <td style="width: 30%;"><b>Order no.</b></td> <td style="width: 20%;"><b>Page</b></td> </tr> <tr> <td>Hand-held transmitter for motion detector</td> <td>EE8 06</td> <td>80</td> </tr> </table>		<b>Suitable for optional</b>	<b>Order no.</b>	<b>Page</b>	Hand-held transmitter for motion detector	EE8 06	80
<b>Suitable for optional</b>	<b>Order no.</b>	<b>Page</b>					
Hand-held transmitter for motion detector	EE8 06	80					
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<b>Design</b>	<b>Order no.</b>	<b>PU</b>					
polar white matt	★ <b>EE8 05</b>	1					




<p><b>New</b></p> 	<p><b>Hand-held transmitter for motion detector</b></p> <p>Battery service life [years] ≈ 5                  Dimensions (L x W x H) 111 x 63 x 10 mm</p> <p>For convenient configuration of supported presence detectors.                  Required battery (CR 2032) is included in the scope of delivery.</p>	<p style="text-align: right;"><b>i 459</b></p> <ul style="list-style-type: none"> <li>- 3 configuration ranges for control, switch-off delay, brightness threshold</li> <li>- setting of the brightness threshold manually, by default values or teach-in mode</li> <li>- default settings can be selected for the brightness threshold daylight, office, corridor</li> <li>- RC6 code</li> <li>- additional acknowledgement LED for displaying the IR transmission</li> </ul>														
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<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>														
Motion detector, 360°, built-in	EE8 05	80														
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Motion detector comfort 220° surface-mounted	EE8 60	79														
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<b>Design</b>	<b>Order no.</b>	<b>PU</b>														
Hand-held transmitter for motion detector	★ <b>EE8 06</b>	1														

IP30

**Mounting accessories**

<p><b>New</b></p> 	<p><b>Surface-mounted corner mounting adapter for motion detector</b></p> <p>- for mounting, e.g. on building corners</p>	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"><b>Suitable for</b></td> <td style="width: 30%;"><b>Order no.</b></td> <td style="width: 20%;"><b>Page</b></td> </tr> <tr> <td>Motion detector, 140°, surface-mounted</td> <td>EE8 20</td> <td>78</td> </tr> </table>	<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>	Motion detector, 140°, surface-mounted	EE8 20	78		
<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>								
Motion detector, 140°, surface-mounted	EE8 20	78								
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<b>Design</b>	<b>Order no.</b>	<b>PU</b>								
Surface-mounted corner mounting adapter for motion detector	★ <b>EE8 25</b>	1								
Surface-mounted corner mounting adapter for motion detector	★ <b>EE8 26</b>	1								

<p><b>New</b></p> 	<p><b>Surface-mounted corner mounting adapter for motion detector comfort</b></p> <p>- for mounting, e.g. on building corners</p>	<table border="0" style="width: 100%;"> <tr> <td style="width: 50%;"><b>Suitable for</b></td> <td style="width: 30%;"><b>Order no.</b></td> <td style="width: 20%;"><b>Page</b></td> </tr> <tr> <td>Motion detector comfort 140° surface-mounted</td> <td>EE8 50</td> <td>79</td> </tr> <tr> <td>Motion detector comfort 220° surface-mounted</td> <td>EE8 60</td> <td>79</td> </tr> <tr> <td>Motion detector, 140°, surface-mounted</td> <td>EE8 2 ..</td> <td>78</td> </tr> </table>	<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>	Motion detector comfort 140° surface-mounted	EE8 50	79	Motion detector comfort 220° surface-mounted	EE8 60	79	Motion detector, 140°, surface-mounted	EE8 2 ..	78
<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>												
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Motion detector, 140°, surface-mounted	EE8 2 ..	78												
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<b>Design</b>	<b>Order no.</b>	<b>PU</b>												
polar white matt	★ <b>EE8 55</b>	1												





**Surface-mounted ceiling mounting adapter for motion detector**

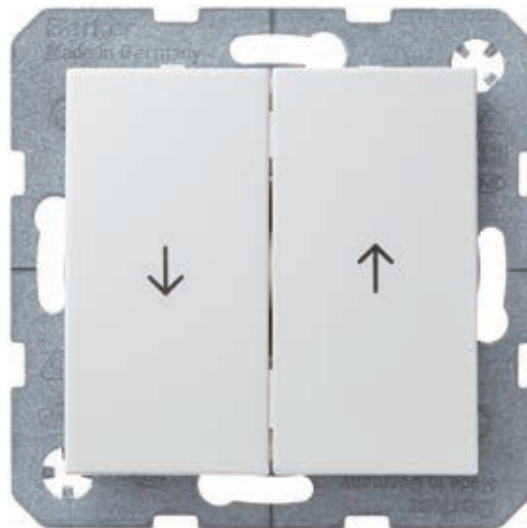
- for ceiling mounting

Design	Order no.	Suitable for	Order no.	Page
Surface-mounted ceiling mounting adapter for motion detector	* <b>EE8 27</b>	Motion detector, 140°, surface-mounted	EE8 20	78
Surface-mounted corner mounting adapter for motion detector	* <b>EE8 28</b>			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.



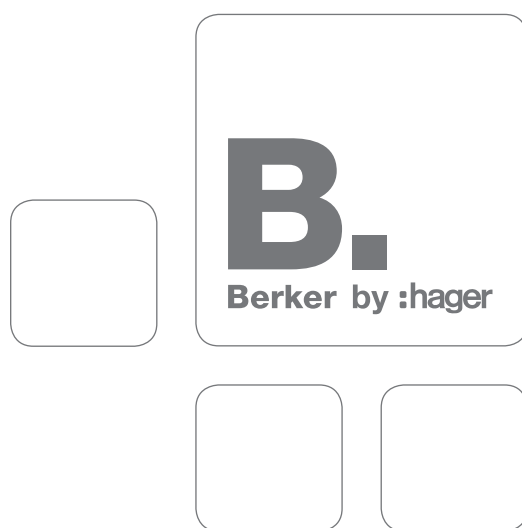


Blind switches/push-buttons 84

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Berker.Net -  
conventional electronics platform 91

---



## Blind switches/push-buttons

### Switches/ push-buttons for blinds



#### Blind series switch 1pole

Rated voltage  
Switching current

250 V~  
10 A

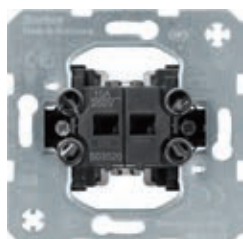
- with mechanical and electrical interlocking to prevent mutual switch on
- with plug-in terminals

**i** 460

Follow the motor manufacturers' instructions.



Design	Order no.	PU
Blind series switch 1pole	<b>3035 20</b>	10



#### Blind series push-button 1pole

Rated voltage  
Momentary-contact current

250 V~  
10 A

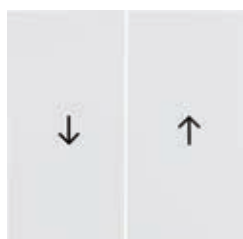
- with mechanical and electrical interlocking to prevent mutual activation
- with plug-in terminals

**i** 460

Follow the motor manufacturers' instructions.



Design	Order no.	PU
Blind series push-button 1pole	<b>5035 20</b>	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	<b>1625 89 82</b>	10
polar white glossy	<b>1625 89 89</b>	10
polar white matt	<b>1625 19 09</b>	10
anthracite matt	<b>1625 16 06</b>	10
aluminium matt, lacquered	<b>1625 14 04</b>	10

##### Berker Q.1/Q.3

white velvety	<b>* 1625 60 82</b>	10
polar white velvety	<b>1625 60 89</b>	10
anthracite velvety, lacquered	<b>1625 60 86</b>	10

##### Berker K.1/K.5

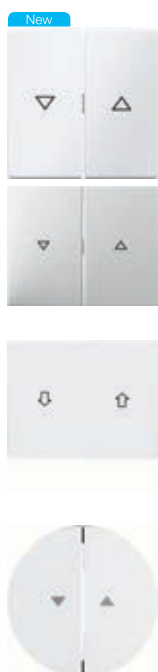
polar white glossy	<b>1435 71 09</b>	10
anthracite matt, lacquered	<b>1435 71 06</b>	10
Aluminium, aluminium anodised	<b>1435 71 03</b>	10
Stainless steel, metal matt finish	<b>1435 71 04</b>	10

##### Berker Arsys

white glossy	<b># 1435 01 02</b>	10
polar white glossy	<b># 1435 01 69</b>	10
brown glossy	<b># 1435 01 01</b>	10
Stainless steel, metal matt finish	<b># 1434 01 04</b>	10
gold matt, aluminium anodised	<b># 1434 01 02</b>	10

##### Berker R.1/R.3

polar white glossy	<b>1625 20 89</b>	10
black glossy	<b>1625 20 45</b>	10



**Multi-pole push-buttons for blinds**



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

**i 460**

- 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  
Contact spacing > 3 mm

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	<b>5034 04</b>	10

Blind control



**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	<b>1644 89 82</b>	10
polar white glossy	<b>1644 89 89</b>	10
polar white matt	<b>1644 19 09</b>	10
anthracite matt	<b>1644 16 06</b>	10
aluminium matt, lacquered	<b>1644 14 04</b>	10

**Berker Q.1/Q.3**

white velvety	<b>* 1644 60 82</b>	10
polar white velvety	<b>1644 60 89</b>	10
anthracite velvety, lacquered	<b>1644 60 86</b>	10

**Berker K.1/K.5**

polar white glossy	<b>1435 72 09</b>	10
anthracite matt, lacquered	<b>1435 72 06</b>	10
Aluminium, aluminium anodised	<b>1435 71 03</b>	10
Stainless steel, metal matt finish	<b>1435 72 04</b>	10

**Berker Arsys**

white glossy	<b># 1435 03 02</b>	10
polar white glossy	<b># 1435 03 69</b>	10
brown glossy	<b># 1435 03 01</b>	10
light bronze matt, aluminium lacquered	<b># 1434 03 01</b>	10
Stainless steel, metal matt finish	<b># 1434 03 04</b>	10
gold matt, aluminium anodised	<b># 1434 03 02</b>	10

**Berker R.1/R.3**

polar white glossy	<b>1644 20 89</b>	10
black glossy	<b>1644 20 45</b>	10



Rotary switches 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**

Rated voltage  
Switching current  
Follow the motor manufacturers' instructions.  
Connection terminals according to IEC 60669-1

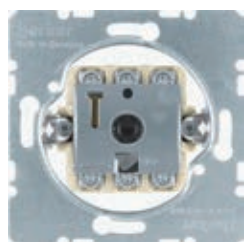
250 V~  
10 A  
– with push lock function  
– with neutral-position  
– for centre plate with rotary knob  
– with screw terminals

**i** 460

Suitable for	Order no.	Page
Centre plate with rotary knob for rotary switch for blinds		page 86
<b>optional</b>		
Interlock disk for rotary switch for blinds	1861 ..	87



Design	Order no.	PU
Rotary switch for blinds 1pole	<b>3841</b>	10



**Rotary switch for blinds 2pole**

Rated voltage  
Switching current  
Follow the motor manufacturers' instructions.  
Connection terminals according to IEC 60669-1

250 V~  
10 A  
– with push lock function  
– with neutral-position  
– for centre plate with rotary knob  
– with screw terminals

**i** 460

Suitable for	Order no.	Page
Centre plate with rotary knob for rotary switch for blinds	1077 ..	86
Centre plate with rotary knob for rotary switch for blinds	1080 ..	86
<b>optional</b>		
Interlock disk for rotary switch for blinds	1861 ..	87



Design	Order no.	PU
Rotary switch for blinds 2pole	<b>3842</b>	10



**Centre plate with rotary knob for rotary switch for blinds**

Design

– with imprint

Order no. PU

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

white glossy	<b>1080 89 82</b>	1
polar white glossy	<b>1080 89 89</b>	1
polar white matt	<b>1080 19 09</b>	1
anthracite matt	<b>1080 16 06</b>	1
aluminium matt, lacquered	<b>1080 14 04</b>	1

**Berker Q.1/Q.3**

white velvety	<b>* 1080 60 82</b>	1
polar white velvety	<b>1080 60 89</b>	1
anthracite velvety, lacquered	<b>1080 60 86</b>	1


**Berker K.1/K.5**


polar white glossy	<b>1077 71 09</b>	1
anthracite matt, lacquered	<b>1077 71 06</b>	1
Aluminium, aluminium anodised	<b>1077 71 03</b>	1
Stainless steel, metal matt finish	<b>1077 71 04</b>	1

**Berker Arsys**

white glossy	<b># 1077 00 02</b>	1
polar white glossy	<b># 1077 00 69</b>	1
brown glossy	<b># 1077 00 01</b>	1
light bronze matt, aluminium lacquered	<b># 1077 01 01</b>	1
Stainless steel, metal matt finish	<b># 1077 01 04</b>	1
gold/polar white, matt/glossy, aluminium anodised	<b># 1077 01 02</b>	1



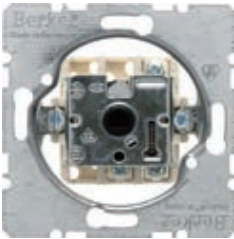
Design	Order no.	PU
 <b>Berker R.1/R.3</b>		
polar white glossy	<b>1080 20 89</b>	1
black glossy	<b>1080 20 45</b>	1


Design	Order no.	PU
 <b>Interlock disk for rotary switch for blinds</b>		
	- for conversion to rotary push-button for blinds	
<b>Berker S.1/B.3/B.7, Q.1/Q.3, K.1/K.5, Arsys</b>		
Interlock disk for rotary switch for blinds	<b>1861</b>	10
<b>Berker R.1/R.3/Serie R.classic</b>		
Interlock disk for rotary switch for blinds	<b>1861 01</b>	10


Blind control


**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.

 <b>Switch for blinds 1pole for centre plate with lock</b>		<b>i</b>	<b>460</b>
Rated voltage	250 V~	- with push lock function	
Switching current	10 A	- with neutral-position	
Follow the motor manufacturers' instructions.		- 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	<b>3851</b>	10

 <b>Switch for blinds 2pole for centre plate with lock</b>		<b>i</b>	<b>460</b>
Rated voltage	250 V~	- with push lock function	
Switching current	10 A	- with neutral-position	
Follow the motor manufacturers' instructions.		- 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	<b>3852</b>	10

 <b>Centre plate with lock and push lock function for switch for blinds</b>			
- key can be removed in 0 position		- with imprint	
		- with 2 keys	
Design	Order no.	PU	
<b>Berker S.1/B.3/B.7</b>			
white glossy	<b>1081 89 82</b>	1	
polar white glossy	<b>1081 89 89</b>	1	
polar white matt	<b>1081 19 09</b>	1	
anthracite matt	<b>1081 16 06</b>	1	
aluminium matt, lacquered	<b>1081 14 04</b>	1	



**Berker Q.1/Q.3**

white velvety	★ 1081 60 82	1
polar white velvety	1081 60 89	1
anthracite velvety, lacquered	1081 60 86	1

**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



**Berker Q.1/Q.3**

white velvety	★ 1082 60 82	1
polar white velvety	1082 60 89	1
anthracite velvety, lacquered	1082 60 86	1

**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**

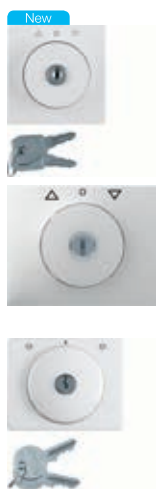
- key can be removed in 0 position
- with imprint
- with 2 keys



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



**Berker Q.1/Q.3**

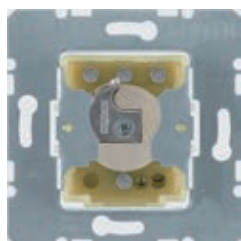
white velvety	* 1083 60 82	1
polar white velvety	1083 60 89	1
anthracite velvety, lacquered	1083 60 86	1

**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



Rated voltage

250 V~

Switching current

10 A

Suitable for water-protected, flush-mounted installation IP44.

- with push lock function
- without spreader claws
- for master-key systems
- with screw terminals

Suitable for  
Centre plate for key push-button for blinds/key switch  
Lock cylinder

Order no.

1818 ..

Page  
page 90

60

Design

Order no.

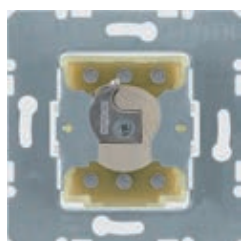
PU

**Flush-mounted splash-protected IP44**

Switch for blinds 1pole for lock cylinder

**3821 20**

10



**Switch for blinds 2pole for lock cylinder**

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

Suitable for  
Lock cylinder

Order no.

1818 ..

Page

60

Design

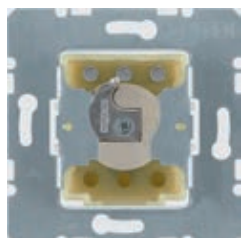
Order no.

PU

Switch for blinds 2pole for lock cylinder

**3822 10**

10



**Push-button for blinds 1pole for lock cylinder**

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

Suitable for  
Lock cylinder

Order no.

1818 ..

Page

60

Design

Order no.

PU

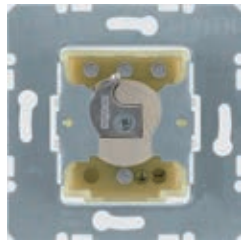
Push-button for blinds 1pole for lock cylinder

**3831 10**

10







**Push-button for blinds 1pole for lock cylinder**

- earthing contact



Rated voltage

250 V~

Momentary-contact current

10 A

Suitable for water-protected, flush-mounted installation IP44.

- 1 pole
- without spreader claws
- for master-key systems
- with screw terminals

**Suitable for**  
Centre plate for key push-button for blinds/key switch  
Lock cylinder

**Order no.**

**Page**  
page 90

1818 ..

60

Design

Order no.

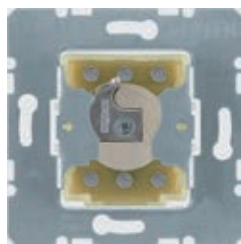
PU

**Flush-mounted splash-protected IP44**

Push-button for blinds 1pole for lock cylinder

**3831 20**

10



**Push-button for blinds 2pole for lock cylinder**

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

**Suitable for**  
Lock cylinder

**Order no.**

**Page**  
60

1818 ..

60

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

**Berker Q.1/Q.3**

white velvety

**\* 1506 60 82**

10

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

- for switches/push-buttons for lock cylinders
- with 3 keys
- for change-over switches/push-buttons for lock cylinders

**i** 460

Design

**with differing closures**

Lock cylinder	<b>1818</b>	<b>1</b>
---------------	-------------	----------

**with same closures**

Lock cylinder	<b>1818 01</b>	<b>1</b>
---------------	----------------	----------

Suitable for	Order no.	Page
Centre plate for key push-button for blinds/key switch		page 90
Switch for blinds 1pole for lock cylinder	3821 20	89
Switch for blinds 2pole for lock cylinder	3822 10	89
Push-button for blinds 1pole for lock cylinder	3831 ..	89
Push-button for blinds 2pole for lock cylinder	3832 10	90

Order no.

PU

Blind control

**Berker.Net - conventional electronics platform**



**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
Change-over time for change of direction	< 0.6 s
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 mm <sup>2</sup>
Operating temperature	-5 ... +45 °C
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

- for single, group and master controls
- low intrinsic energy requirement
- with 2 mechanically and electrically mutually-locked relay contacts
- with 230 V extension unit inputs for up and down
- 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

**i** 468

μ IP20

Suitable for	Order no.	Page
Blind button	8524 ..	92
Blind time switch	8574 ..	92
<b>optional</b>		
Interface surface-mounted for wind sensor	173 ..	93
Precipitation sensor	183 01 ..	93

Design

Blind insert comfort	<b>8522 11 00</b>	<b>1</b>
----------------------	-------------------	----------

Order no.

PU

**Blind covers**



**Blind button**

Venetian blind movement time	2 min
Delay time, adjustable	0 s ... 500 s
Change-over time for change of direction	< 0.6 s
Minimum slat adjustment time	≈ 250 ms
Operating temperature	-5 ... +45 °C

- low intrinsic energy requirement
- LED application module/insert compatibility display
- with indicator LED for lock-out protection
- with status LED for memory and party function, red/orange
- 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)
- with anti-dismantling protection
- with imprinted symbol arrows

**i** 468

Can be switched to orientation led by extension unit - this function will be available from Q3 2015.

Suitable for	Order no.	Page
Blind insert comfort	8522 11 00	91

Design

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

white glossy	<b>8524 11 82</b>	<b>1</b>
polar white glossy	<b>8524 11 89</b>	<b>1</b>
polar white matt	<b>8524 11 88</b>	<b>1</b>
anthracite matt	<b>8524 11 85</b>	<b>1</b>
aluminium, matt, lacquered	<b>8524 11 83</b>	<b>1</b>

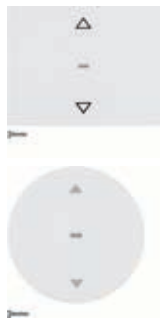
**Berker Q.1/Q.3**

white velvety	<b>* 8524 11 22</b>	<b>1</b>
polar white velvety	<b>8524 11 29</b>	<b>1</b>
anthracite velvety, lacquered	<b>8524 11 26</b>	<b>1</b>

Order no.

PU





Design	Order no.	PU
<b>Berker K.1/K.5</b>		
polar white glossy	<b>8524 11 79</b>	1
anthracite matt, lacquered	<b>8524 11 75</b>	1
aluminium, matt, lacquered	<b>8524 11 77</b>	1
stainless steel matt, lacquered	<b>8524 11 73</b>	1
<b>Berker R.1/R.3</b>		
polar white glossy <sup>1)</sup>	<b>8524 11 39</b>	1
black glossy <sup>1)</sup>	<b>8524 11 31</b>	1

<sup>1)</sup> no dismantling protection possible



**Blind time switch**

**i 468**

- display

Running time	2 min
Change-over time for change of direction	< 0.6 s
Number of operation times for up/down	20
Astronomic time shift	± 2 h
Random number generator	± 15 min
Power reserve	≈ 24 h
Minimum slat adjustment time	≈ 250 ms
Operating temperature	-5 ... +45 °C

- low intrinsic energy requirement
- 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
- 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
- 2 independent preset programme memories, individually adaptable
- 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)
- with anti-dismantling protection

Can be switched to orientation led by extension unit - this function will be available from Q3 2015.

Control using device buttons and programmed switching times.

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Blind insert comfort	8522 11 00	91

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>8574 11 82</b>	1
polar white glossy	<b>8574 11 89</b>	1
aluminium, matt, lacquered	<b>8574 11 83</b>	1
anthracite matt	<b>8574 11 85</b>	1
polar white matt	<b>8574 11 88</b>	1
<b>Berker Q.1/Q.3</b>		
white velvety	<b>* 8574 11 22</b>	1
polar white velvety	<b>8574 11 29</b>	1
anthracite velvety, lacquered	<b>8574 11 26</b>	1



<b>Berker K.1/K.5</b>		
polar white glossy	<b>8574 11 79</b>	1
anthracite matt, lacquered	<b>8574 11 75</b>	1
aluminium, matt, lacquered	<b>8574 11 77</b>	1
stainless steel matt, lacquered	<b>8574 11 73</b>	1
<b>Berker R.1/R.3</b>		
polar white glossy <sup>1)</sup>	<b>8574 11 39</b>	1
black glossy <sup>1)</sup>	<b>8574 11 31</b>	1

<sup>1)</sup> no dismantling protection possible

Physical sensors



μ IP65

**Precipitation sensor**

**i** 472

Operating voltage	230 V~	- with stainless steel mounting bracket approx. 70°
Frequency	50/60 Hz	- with pipe clamp for mast fixing
Operating temperature	-30 ... +70 °C	- with potential-free change-over contact
Mast Ø	max. 62 mm	- pre-assembled, with cables
Switching current at 250 V~ (ohmic)	max. 6 A	- heated
Dimensions, mounting bracket (W x H x D)	130 x 90 x 90 mm	<b>Suitable for</b>
Switching current at 30 V= (ohmic)	max. 3 A	Blind insert comfort
Dimensions sensor (L x W x H)	82 x 60 x 57.5 mm	<b>Order no.</b>
Switch-on current at 250 V (ohmic)	max. 15 A	8522 11 0 ..
Pre-assembled cables	≈ 2.9 m	<b>Page</b>
Power consumption incl. additional heating	max. 4.5 W	91

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	<b>183 01</b>	1



**Wind sensor**

**i** 472

Measuring range, wind strengths	3 ... 10 Bft	- confectioned with cable LIYY 2 x 0.5 mm <sup>2</sup> and conductor sleeves
Measuring range, wind speed	0.5 ... 40 m/s	- reed contact (frequency measurement)
Pre-assembled cable	≈ 3 m	- with fitting material

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Interface surface-mounted for wind sensor	173	93

Design	Order no.	PU
white	<b>172 01</b>	1



IP55

**Interface surface-mounted for wind sensor**

**i** 472

Operating voltage	230 V~	- 2 NO contacts, common input terminal
Frequency	50/60 Hz	- with screw terminals
Switching current	2 A	- with potential-free contact
Wind strengths, settable	3 ... 10 Bft	- with fitting material
Dimensions (W x H x D)	110 x 94 x 38 mm	- with test mode

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.

Also suitable for company Thies heated wind speed sensor art. no. 4.3515.50.000.

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Wwind sensor	172 01	93
Blind insert comfort	8522 11 0 ..	91

Design	Order no.	PU
polar white	<b>173</b>	1



**Magnetic contact**

Switching current	500 mA	- in the isolated state the contact is open
Dimensions sensor (L x W x H)	44 x 15 x 15 mm	- built-on/built-in
Breaking capacity	max. 10 W	- pre-assembled, with cable
Switching voltage	max. 40 V=	

To monitor window and door opening.

Function:  
When window is open, roller shutter moves to the lower end position for example.

IP67

Design	Order no.	PU
polar white glossy	<b>9251 02</b>	1
brown glossy	<b>9251 01</b>	1

**Cutoff relay**

- Neutral conductor necessary!



**Cutoff relay surface-mounted/flush-mounted**

**i 473**

- extension outputs



Operating voltage	230 V~	- with screw terminals
Frequency	50 Hz	- with master input e.g. for RolloTec timer
Switching current at cos φ = 0.6	max. 4 A	- to operate 2 shutter/blind control motors
Dimensions (W x H x D)	53 x 50 x 25 mm	- with separate mains power supply
Ambient temperature	+0 ... +60 °C	- required for electric motor decoupling
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>	- with 2 extension unit outgoing feeders for single operation
Switch-on time (ED)	100 %	
Activation change-over time up/down	min. 0.5 s	
Current consumption (operation)	≈ 10 mA	

Neutral conductor necessary!



Design	Order no.	PU
Cutoff relay surface-mounted/flush-mounted	<b>2969</b>	1



**Cutoff relay surface-mounted/flush-mounted**

**i 473**

Operating voltage	230 V~	- with screw terminals
Frequency	50/60 Hz	- with master input e.g. for RolloTec timer
Switching current at cos φ = 0.6	max. 3 A	- to operate 2 shutter/blind control motors
Dimensions (W x H x D)	50 x 52 x 22 mm	- with separate mains power supply
Ambient temperature	+0 ... +60 °C	- installation in flush-mounted or splash-protected junction box
Switch-on time (ED)	100 %	
Activation change-over time up/down	min. 0.5 s	
Current consumption (operation)	≈ 10 mA	
Switching current at cos φ = 1	max. 8 A	

Neutral conductor necessary!



Design	Order no.	PU
Cutoff relay surface-mounted/flush-mounted	<b>2930</b>	1



**Cutoff relay RMD**

**i 473**

- extension outputs



Operating voltage	230 V~
Frequency	50 Hz
Switching current at $\cos \varphi = 0.6$	max. 4 A
Dimensions (W x H x D)	45 x 71 x 42 mm
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>
Switch-on time (ED)	100 %
Activation change-over time up/down	min. 0.5 s
Current consumption (operation)	≈ 10 mA
Width of rail mounted device (RMD)	2.5 modules
Assembling height as from DIN rail	39 mm

- with screw terminals
- with master input e.g. for RolloTec timer
- to operate 2 shutter/blind control motors
- with separate mains power supply
- required for electric motor decoupling
- with 2 extension unit outgoing feeders for single operation

Neutral conductor necessary!



Design	Order no.	PU
Cutoff relay RMD	<b>2919</b>	1



**Cutoff relay RMD**

**i 473**

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current at $\cos \varphi = 0.6$	max. 3 A
Dimensions (W x H x D)	45 x 71 x 42 mm
Switch-on time (ED)	100 %
Activation change-over time up/down	min. 0.5 s
Current consumption (operation)	≈ 10 mA
Switching current at $\cos \varphi = 1$	max. 8 A
Width of rail mounted device (RMD)	2.5 modules
Assembling height as from DIN rail	38 mm

- with screw terminals
- with master input e.g. for RolloTec timer
- to operate 2 shutter/blind control motors
- with separate mains power supply

Neutral conductor necessary!

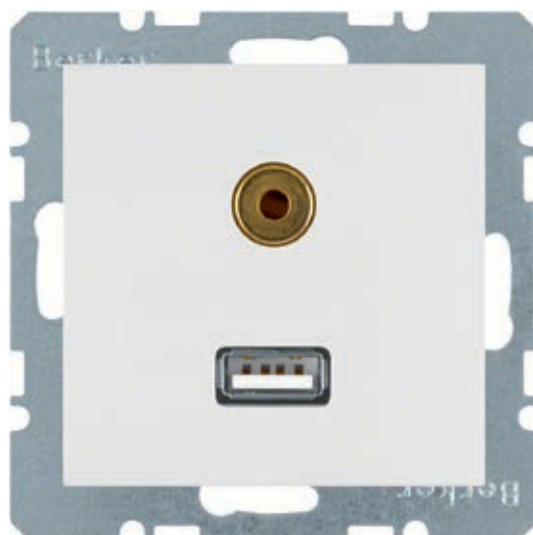


Design	Order no.	PU
Cutoff relay RMD	<b>2931</b>	1

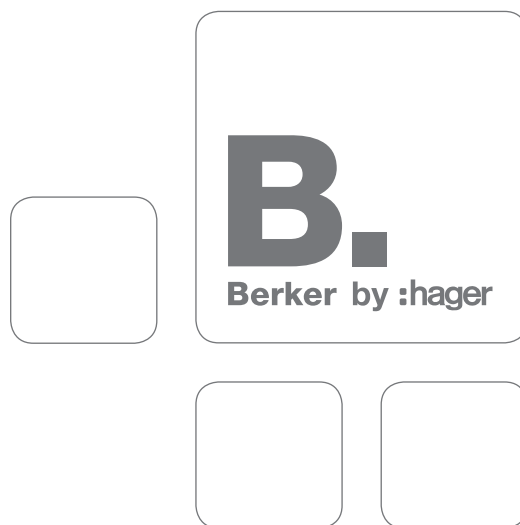
# Communication/ Multimedia technology

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

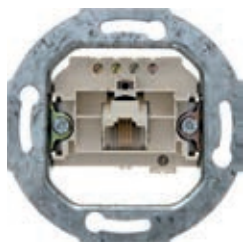


Data communication	98
Antenna technology	113
Supplementary products	116
USB charging socket outlets	120
Multimedia	121
Consumer electronics	129



**Data communication**

**FCC socket outlets 1gang/WLAN access points**



**FCC socket outlet, 8 (4)-pole, cat.3**

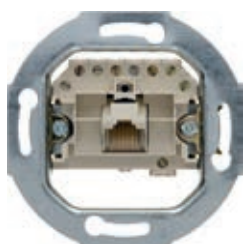
**i 462**

Rated voltage	125 V=	- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
Rated current	1 A	- with 45° oblique outlet
Transmission bandwidth	max. 16 MHz	- with screw terminals
Transition resistance	< 20 mΩ	
Conductor Ø	max. 1 mm	
Insertion depth	22 mm	

Cat.3 according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7  
Cat.3 according to DIN EN 50173



Design	Order no.	PU
white	<b>4568</b>	10



**FCC socket outlet, 8-pole, cat.3**

**i 462**

Rated voltage	125 V=	- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
Rated current	1 A	- with 45° oblique outlet
Transmission bandwidth	max. 16 MHz	- with screw terminals
Transition resistance	< 20 mΩ	
Conductor Ø	max. 1 mm	
Insertion depth	22 mm	

Cat.3 according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7  
Cat.3 according to DIN EN 50173



Design	Order no.	PU
white	<b>4538</b>	10



New

**FCC socket outlet 8/8pole shielded, cat.6/class E**

**i 462**

Rated voltage	72 V=	- external eyelets on the supporting ring can be broken off for round designs
Rated current	0.5 A	- housing out of tin diecasting
Transmission bandwidth	max. 250 MHz	- for RJ11, RJ12 and RJ45 plugs
Signal contact resistance	20 mΩ	- suitable for PoE+
Shield contact resistance	100 mΩ	- with screen contacting 360° and strain relief
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)	- flexible cable routing
Insertion depth	31 mm	- with 45° oblique outlet

Colour code A and B according to TIA/EIA-568-B.2  
Design to according to DIN EN 60603-7-4  
Cat.6/class E according to ISO/IEC 11801, 2nd edition  
Cat.6/Class E according to DIN EN 50173-1:2011-09



Design	Order no.	PU
FCC socket outlet 8/8pole shielded, cat.6/class E	<b>★ 4554 01</b>	10





**FCC socket outlet 8pole shielded, cat.6A iso**

**i 462**

- |   |                             |   |
|---|-----------------------------|---|
| Rated voltage   | 72 V=                       | <ul style="list-style-type: none"> <li>- external eyelets on the supporting ring can be broken off for round designs</li> <li>- housing out of tin diecasting</li> <li>- for RJ11, RJ12 and RJ45 plugs</li> <li>- suitable for PoE+</li> <li>- with screen contacting 360° and strain relief</li> <li>- flexible cable routing</li> <li>- with 45° oblique outlet</li> <li>- without spreader claws</li> <li>- with LSA+ terminals</li> </ul> |
| Rated current   | 0.5 A                       |   |
| Transmission bandwidth  | max. 500 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                       |   |
| Colour code A and B according to TIA/EIA-568-B.2                          |                             |   |
| Cat.6 <sub>A</sub> iso\class E <sub>A</sub> according to ISO/IEC 11801 A2 |                             |   |
| Protective screen according to DIN EN 55022, Class B                      |                             |   |

Design to according to DIN EN 60603-7-51



Design	Order no.	PU
FCC socket outlet 8pole shielded, cat.6A iso	<b>4586</b>	10

New



**WLAN Access-Point UP**

- |                                  |                    |  |
|----------------------------------|--------------------|--|
| Rated voltage                    | 230 V~             | <ul style="list-style-type: none"> <li>- Operating modes in WLAN: Access-Point, Repeater/Bridge, Client (WDS), Client (relayed)</li> <li>- Ciphering method: WEP, WPA, WPA2</li> <li>- WLAN range can be configured for adaptation to spatial conditions</li> <li>- Configuration of the integrated web server via web browser</li> <li>- with integral WLAN antenna</li> <li>- with RJ45 jack on front</li> <li>- LAN connection via 5pole screw terminal block</li> <li>- with 2pole plug-in terminal for mains voltage</li> </ul> |
| Frequency                        | 50/60 Hz           |  |
| Power consumption (operation)    | max. 3 W           |  |
| Transmission rate WLAN           | max. 150 Mbit/s    |  |
| Transmission rate Ethernet       | max. 10/100 Mbit/s |  |
| Frequency band                   | 2.4 GHz            |  |
| Insertion depth                  | ≈ 40 mm            |  |
| WLAN Standards IEEE 802.11 b/g/n |                    |  |

**Manufacturer product line** Art. No.  
**Reset magnet**  
Rutenbeck

Design	Order no.	PU
WLAN Access-Point UP	<b>* 4582</b>	1

New



**WLAN Access-Point flush-mounted, PoE**

- |                                  |                    |  |
|----------------------------------|--------------------|--|
| Power over Ethernet (PoE)        | 48 V= (Klasse 0)   | <ul style="list-style-type: none"> <li>- Operating modes in WLAN: Access-Point, Repeater/Bridge, Client (WDS), Client (relayed)</li> <li>- Ciphering method: WEP, WPA, WPA2</li> <li>- WLAN range can be configured for adaptation to spatial conditions</li> <li>- Configuration of the integrated web server via web browser</li> <li>- with integral WLAN antenna</li> <li>- Power supply (PoE, class2) of further network devices possible via RJ45 jack on front</li> <li>- LAN connection/PoE power supply via 9pole screw terminal block</li> </ul> |
| Power output PoE                 | max. 6.49 W        |  |
| Power consumption PoE            | max. 3 W           |  |
| Transmission rate WLAN           | max. 150 Mbit/s    |  |
| Transmission rate Ethernet       | max. 10/100 Mbit/s |  |
| Frequency band                   | 2.4 GHz            |  |
| Operating temperature            | -5 ... +45 °C      |  |
| Insertion depth                  | ≈ 40 mm            |  |
| WLAN Standards IEEE 802.11 b/g/n |                    |  |

**Manufacturer product line** Art. No.  
**Reset magnet**  
Rutenbeck

Design	Order no.	PU
WLAN Access-Point flush-mounted, PoE	<b>* 4583</b>	1

Communication/  
Multimedia  
technology



**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, cat.6 and cat.6<sub>A</sub> iso
- for WLAN access-points
- with 45° oblique outlet

**Manufacturer product line**

**FCC socket outlets**

AMP  
Brand-Rex  
BTR  
Crack-IT  
Rutenbeck  
Telegärtner  
Telena

**Art. No.**

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**

white velvety	* 1407 60 82	10
polar white velvety	1407 60 89	10
anthracite velvety, lacquered	1407 60 86	10

**Berker K.1/K.5**

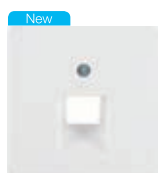
polar white glossy	1407 70 09	10
anthracite matt, lacquered	1407 70 06	10
Aluminium, aluminium anodised	1407 70 03	10
Stainless steel, metal matt finish	1407 70 04	10

**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 corresponding range.

- for 1gang socket outlet cat.3, cat.5e, cat.6 and cat.6<sub>A</sub> iso
- for WLAN access-points
- labelling field latchable
- with 45° oblique outlet

Suitable for  
Intermediate rings

Order no.

Page  
page 118

**Manufacturer product line**

**FCC socket outlets**

AMP  
Brand-Rex  
BTR  
Rutenbeck  
Telegärtner

**Art. No.**

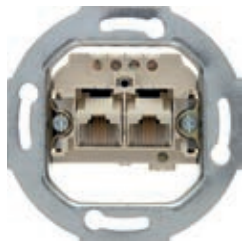
Design

Order no.

PU

white glossy	1468 02	10
polar white glossy	1468 09	10
brown glossy	# 1468 01	10

**FCC socket outlets 2gang**



**FCC socket outlet, 2 x 8 (4)-pole, cat.3**

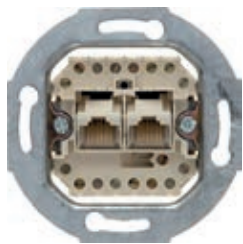
Rated voltage	125 V=	- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
Rated current	1 A	- parallel contacted sockets
Transmission bandwidth	max. 16 MHz	- with 45° oblique outlet
Transition resistance	< 20 mΩ	- with screw terminals
Conductor Ø	max. 1 mm	
Insertion depth	22 mm	

Cat.3 according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7  
Cat.3 according to DIN EN 50173

**i** 462



Design	Order no.	PU
white	<b>4562</b>	10



**FCC socket outlet, 8 /8-pole, cat.3**

Rated voltage	125 V=	- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
Rated current	1 A	- with 45° oblique outlet
Transmission bandwidth	max. 16 MHz	- with screw terminals
Transition resistance	< 20 mΩ	
Conductor Ø	max. 1 mm	
Insertion depth	22 mm	

Cat.3 according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7  
Cat.3 according to DIN EN 50173

**i** 462



Design	Order no.	PU
white	<b>4539</b>	10

**New**



**FCC socket outlet 8/8pole shielded, cat.6/class E**

Rated voltage	72 V=	- external eyelets on the supporting ring can be broken off for round designs
Rated current	0.5 A	- housing out of tin diecasting
Transmission bandwidth	max. 250 MHz	- for RJ11, RJ12 and RJ45 plugs
Signal contact resistance	20 mΩ	- suitable for PoE+
Shield contact resistance	100 mΩ	- with screen contacting 360° and strain relief
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)	- flexible cable routing
Insertion depth	31 mm	- with 45° oblique outlet
		- without spreader claws
		- with LSA+ terminals

Colour code A and B according to TIA/EIA-568-B.2  
Design to according to DIN EN 60603-7-4  
Cat.6/class E according to ISO/IEC 11801, 2nd edition  
Cat.6/Class E according to DIN EN 50173-1:2011-09

**i** 462



Design	Order no.	PU
FCC socket outlet 8/8pole shielded, cat.6/class E	<b>* 4555 01</b>	10



**FCC socket outlet 8/8pole shielded, cat.6 iso**

Rated voltage	72 V=	- external eyelets on the supporting ring can be broken off for round designs
Rated current	0.5 A	- housing out of tin diecasting
Transmission bandwidth	max. 500 MHz	- for RJ11, RJ12 and RJ45 plugs
Signal contact resistance	20 mΩ	- suitable for PoE+
Shield contact resistance	100 mΩ	- with screen contacting 360° and strain relief
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)	- flexible cable routing
Insertion depth	31 mm	- with 45° oblique outlet
		- without spreader claws
		- with LSA+ terminals

Colour code A and B according to TIA/EIA-568-B.2  
Cat.6<sub>A</sub> iso/class E<sub>A</sub> according to ISO/IEC 11801 A2  
Protective screen according to DIN EN 55022, Class B  
Design to according to DIN EN 60603-7-51

**i** 462



Design	Order no.	PU
FCC socket outlet 8/8pole shielded, cat.6 iso	<b>4587</b>	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, cat.6 and cat.6<sub>A</sub> iso
- with 45° oblique outlet

**Manufacturer product line**

**FCC socket outlets**

- AMP
- Brand-Rex
- BTR
- CobiNet
- Coming
- Dätwyler
- EFB Electronic
- Elmat/Süveg (STL-Gruppe)
- Komos
- Leoni Kerpen
- Rutenbeck
- Setec
- Telegärtner

**ISDN socket outlets (Rutenbeck)**

- Telekom

**Art. No.**

Design

Order no.

PU

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

white glossy	<b>1409 89 82</b>	10
polar white glossy	<b>1409 89 89</b>	10
polar white matt	<b>1409 19 09</b>	10
anthracite matt	<b>1409 16 06</b>	10
aluminium matt, lacquered	<b>1409 14 04</b>	10

**Berker Q.1/Q.3**

white velvety	<b>* 1409 60 82</b>	10
polar white velvety	<b>1409 60 89</b>	10
anthracite velvety, lacquered	<b>1409 60 86</b>	10

**Berker K.1/K.5**

polar white glossy	<b>1409 70 09</b>	10
anthracite matt, lacquered	<b>1409 70 06</b>	10
Aluminium, aluminium anodised	<b>1409 70 03</b>	10
Stainless steel, metal matt finish	<b>1409 70 04</b>	10

**Berker Arsys**

white glossy	<b># 1409 00 02</b>	10
polar white glossy	<b># 1409 00 69</b>	10
brown glossy	<b># 1409 00 01</b>	10
light bronze matt, aluminium lacquered	<b># 1410 00 01</b>	10
Stainless steel, metal matt finish	<b># 1410 00 04</b>	10
gold matt, aluminium anodised	<b># 1410 00 02</b>	10

**Berker R.1/R.3**

polar white glossy	<b>1409 20 89</b>	10
black glossy	<b>1409 20 45</b>	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, cat.6 and cat.6<sub>A</sub> iso
- labelling field latchable
- with 45° oblique outlet

<b>Suitable for</b> Intermediate rings	<b>Order no.</b>	<b>Page</b> page 118
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<b>Manufacturer product line</b>	<b>Art. No.</b>
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- 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	<b>1469 02</b>	10
polar white glossy	<b>1469 09</b>	10
brown glossy	<b># 1469 01</b>	10

**Modular FCC socket outlets**



**Modular FCC socket outlet 8/8pole shielded, cat.6 iso**

**i 461**

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 strain relief
- with straight outlet
- with optional dust protection hinged covers
- without spreader claws
- with IDC terminals

Colour code A and B according to TIA/EIA-568-B.2  
Cat.6<sub>A</sub> iso\class E<sub>A</sub> according to ISO/IEC 11801 A2  
Protective screen according to DIN EN 55022, Class B  
Design to according to DIN EN 60603-7-51  
Cat.6<sub>A</sub> iso\class E<sub>A</sub> according to DIN EN 50173-1:2011-09



Design	Order no.	PU
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	<b>4588</b>	1



**Modular FCC socket outlet 8/8pole, cat.6A**

**i 462**

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
- without spreader claws
- with IDC terminals

Colour code A and B according to TIA/EIA-568-B.2



Design	Order no.	PU
Modular FCC socket outlet 8/8pole, cat.6A	<b>4584</b>	1



**Centre plate with TAE cut-out**

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Suitable for	Order no.	Page
Modular FCC socket outlet 8/8pole, cat.6A	4584	103
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	103

**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	<b>1033 89 12</b>	10
polar white glossy	<b>1033 89 19</b>	10
polar white matt, with 2 knock out openings	<b>1033 19 09</b>	10
anthracite matt, with 2 knock out openings	<b>1033 16 06</b>	10
aluminium matt, lacquered, with 2 knock out openings	<b>1033 14 04</b>	10

**Berker Q.1/Q.3**

white velvety	<b>* 1033 60 82</b>	10
polar white velvety	<b>1033 60 89</b>	10
anthracite velvety, lacquered	<b>1033 60 86</b>	10

**Berker K.1/K.5**

polar white glossy	<b>1035 70 09</b>	10
anthracite matt, lacquered	<b>1035 70 06</b>	10
Aluminium, aluminium anodised	<b>1035 70 03</b>	10
Stainless steel, metal matt finish	<b>1035 70 04</b>	10

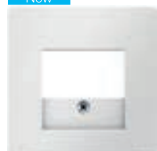
**Berker Arsys**

white glossy	<b># 1035 01 02</b>	10
polar white glossy	<b># 1035 01 69</b>	10
brown glossy	<b># 1035 01 01</b>	10
light bronze matt, aluminium lacquered	<b># 1034 00 01</b>	10
Stainless steel, metal matt finish	<b># 1034 00 04</b>	10
gold matt, aluminium anodised	<b># 1034 00 02</b>	10

**Berker R.1/R.3**

polar white glossy	<b>1038 20 89</b>	10
black glossy	<b>1038 20 45</b>	10

New





**Central plate with TAE cut-out**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- labelling field latchable
- 1 knock out opening

Suitable for	Order no.	Page
Intermediate rings		page 118
Modular FCC socket outlet 8/8pole, cat.6A	4584	103
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	103

Manufacturer product line	Art. No.
<b>FCC socket outlets</b>	
Dätwyler	
Rutenbeck	
<b>TAE and FCC overvoltage protection sockets</b>	
Dehn	
<b>EAD socket outlets</b>	
Drivex	
Fröhlich + Walter	
Intracom	

Design	Order no.	PU
white glossy	<b>1458 02</b>	10
polar white glossy	<b>1458 09</b>	10
brown glossy	<b># 1458 01</b>	10

**Installation of external modular jacks**



**Supporting plate with black mounting device 1gang for modular jack**

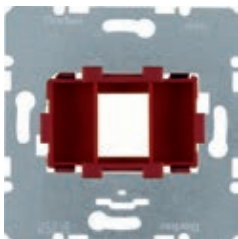
Indexing dimension (W x H) ≈ 14.8 x 20.5 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector slider
- for 3M modular jacks cat.6 and cat.6A
- without spreader claws

Manufacturer product line	Art. No.
<b>Modular jacks</b>	
3M	

Design	Order no.	PU
Supporting plate with black mounting device 1gang for modular jack	<b>4542 01</b>	10



**Supporting plate with red mounting device 1gang for modular jack**

Indexing dimension (W x H) ≈ 15.5 x 19.5 mm

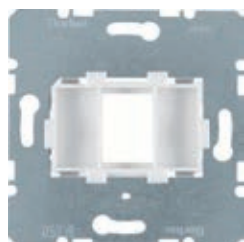
For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector slider
- without spreader claws

Manufacturer product line	Art. No.
<b>Modular jacks</b>	
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	<b>4540 01</b>	10





**Supporting plate with white mounting device 1gang for modular jack**

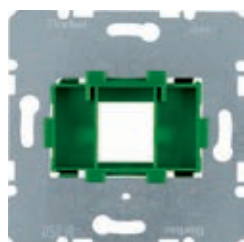
Indexing dimension (W x H) ≈ 14.9 x 20.7 mm

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.
<b>Modular jacks</b>	
AMP	
Brand-Rex	
CobiNet	
EFB Electronic	

Design	Order no.	PU
Supporting plate with white mounting device 1gang for modular jack	<b>4540 02</b>	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.
<b>Modular jacks</b>	
Commscope-Systimax: gigaSpeed	MGS300BH-... MGS400-... MGS500-...
PowerSUM	MPS100E-...

Design	Order no.	PU
Supporting plate with green mounting device 1gang for modular jack	<b>4540 04</b>	10



**Centre plate with dust protection slider**

- labelling field



Design	Order no.	PU
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**Berker S.1/B.3/B.7**

polar white matt	<b>1170 19 09</b>	10
anthracite matt	<b>1170 16 06</b>	10
aluminium matt, lacquered	<b>1170 14 04</b>	10

**Berker Q.1/Q.3**

white velvety	<b>* 1170 60 82</b>	10
polar white velvety	<b>1170 60 89</b>	10
anthracite velvety, lacquered	<b>1170 60 86</b>	10

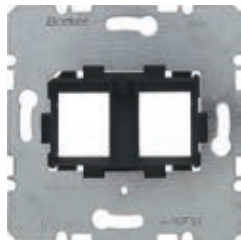
**Berker K.1/K.5**

polar white glossy	<b>1170 70 09</b>	10
anthracite matt, lacquered	<b>1170 70 06</b>	10
aluminium matt, lacquered	<b>1170 70 03</b>	10
stainless steel matt, lacquered	<b>1170 70 04</b>	10

**Berker R.1/R.3**

polar white glossy, without labelling field	<b>1170 20 89</b>	10
black glossy, without labelling field	<b>1170 20 45</b>	10





**Supporting plate with black mounting device 2gang for modular jack**

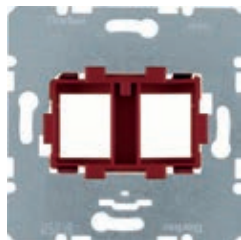
Indexing dimension (W x H) ≈ 14.8 x 20.5 mm

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector slider
- for 3M modular jacks cat.6 and cat.6A
- without spreader claws

**Manufacturer product line** **Art. No.**  
**Modular jacks**  
3M

Design	Order no.	PU
Supporting plate with black mounting device 2gang for modular jack	<b>4542 02</b>	10



**Supporting plate with red mounting device 2gang for modular jacks**

Indexing dimension (W x H) ≈ 15.5 x 19.5 mm

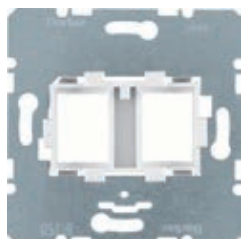
For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- 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	<b>4541 01</b>	10



**Supporting plate with white mounting device 2gang for modular jacks**

Indexing dimension (W x H) ≈ 14.9 x 20.7 mm

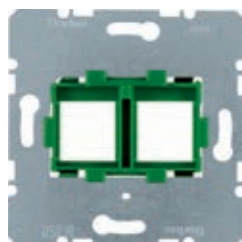
For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- 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	<b>4541 05</b>	10



**Supporting plate with green mounting device 2gang for modular jacks**

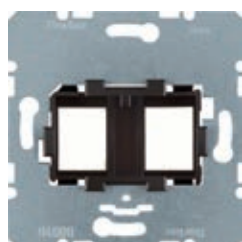
Indexing dimension (W x H)  $\approx 17 \times 18 \text{ mm}$

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for centre plate with dust protector sliders
- for Commscope-Systemax Modular Jacks cat.5 and cat.6
- without spreader claws

Manufacturer product line	Art. No.
<b>Modular jacks</b>	
Commscope-Systemax: gigaSpeed	MGS300BH-...
	MGS400-...
	MGS500-...
PowerSUM	MPS100E-...

Design	Order no.	PU
Supporting plate with green mounting device 2gang for modular jacks	<b>4541 04</b>	10



**Supporting plate with brown mounting device 2gang for modular jacks**

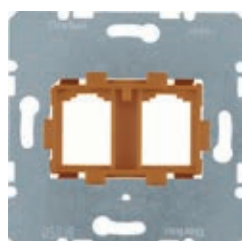
Indexing dimension (W x H)  $\approx 14.9 \times 19.5 \text{ mm}$

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.
<b>Modular jacks</b>	
Harting	
Krone	
Reichle&De-Massari	
Thomas & Betts	
<b>Fibre-optic couplings</b>	
3M	
Krone	
mvk	

Design	Order no.	PU
Supporting plate with brown mounting device 2gang for modular jacks	<b>4541 07</b>	10



**Supporting plate with orange mounting device 2gang for modular jacks**

Indexing dimension (W x H)  $\approx 14.9 \times 19.4 \text{ mm}$

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.
<b>Modular jacks</b>	
BTR	
Dätwyler	

Design	Order no.	PU
Supporting plate with orange mounting device 2gang for modular jacks	<b>4541 09</b>	10



**Centre plate with 2 dust protection sliders**

- labelling field



Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1181 89 82</b>	10
polar white glossy	<b>1181 89 89</b>	10
polar white matt	<b>1181 19 09</b>	10
anthracite matt	<b>1181 16 06</b>	10
aluminium matt, lacquered	<b>1181 14 04</b>	10
<b>Berker Q.1/Q.3</b>		
white velvety	<b>* 1181 60 82</b>	10
polar white velvety	<b>1181 60 89</b>	10
anthracite velvety, lacquered	<b>1181 60 86</b>	10



Design	Order no.	PU
<b>Berker K.1/K.5</b>		
polar white glossy	<b>1182 70 09</b>	10
anthracite matt, lacquered	<b>1182 70 06</b>	10
aluminium matt, lacquered	<b>1182 70 03</b>	10
stainless steel matt, lacquered	<b>1182 70 04</b>	10
<b>Berker Arsys</b>		
white glossy	# <b>1182 00 02</b>	10
polar white glossy	# <b>1182 00 69</b>	10
brown glossy	# <b>1182 00 01</b>	10
light bronze matt, lacquered	# <b>1182 90 11</b>	10
stainless steel matt, lacquered	# <b>1182 90 04</b>	10
<b>Berker R.1/R.3</b>		
polar white glossy, without labelling field	<b>1181 20 89</b>	10
black glossy, without labelling field	<b>1181 20 45</b>	10



**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.

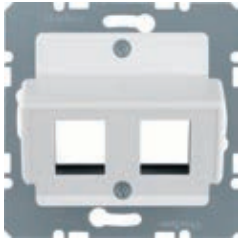
- with supporting plate
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com 3.5 mm stereo connection/coupling modules
- for Mini-Com BNC connector modules
- for Mini-Com Cinch connection/coupling modules
- for Mini-Com D-Subminiature connectors 15pole
- 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
Multimedia modules		page 402
Intermediate rings		page 118

Manufacturer product line	Art. No.
<b>Mini-Com modules</b>	
Panduit	

Design	Order no.	PU
white glossy	<b>1427 02</b>	10
polar white glossy	<b>1427 09</b>	10
polar white matt/velvety	<b>1427 19 09</b>	10
anthracite matt	<b>1427 16 06</b>	10
aluminium matt, lacquered	<b>1427 14 04</b>	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

**Suitable for** Intermediate rings **Order no.** **Page** page 118

**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	<b>1463 02</b>	10
polar white glossy	<b>1463 09</b>	10
polar white matt/velvety	<b>1463 19 09</b>	10
anthracite matt	<b>1463 16 06</b>	10
aluminium matt, lacquered	<b>1463 14 04</b>	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

**Suitable for** Intermediate rings **Order no.** **Page** page 118

**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	<b>1464 02</b>	10
polar white glossy	<b>1464 09</b>	10
polar white matt/velvety	<b>1464 19 09</b>	10
anthracite matt	<b>1464 16 06</b>	10
aluminium matt, lacquered	<b>1464 14 04</b>	10

**Mounting devices 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

**Suitable for**  
Intermediate rings

**Order no.** **Page**  
page 118

**Manufacturer product line**

**Fibre-optic couplings**

Ackermann  
AMP  
Brand-Rex  
BTR  
CobiNet  
Corning  
Diamond  
Drahtex  
Huber+Suhner  
Quante  
Telegärtner

**Art. No.**

Design	Order no.	PU
white glossy, 2gang	<b>1492 02</b>	10
polar white glossy, 2gang	<b>1492 09</b>	10
polar white matt/velvety, 2gang	<b>1492 19 09</b>	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

**Suitable for**  
Intermediate rings

**Order no.** **Page**  
page 118

**Manufacturer product line**

**Fibre-optic couplings**

Ackermann  
AMP  
Brand-Rex  
BTR  
CobiNet  
Corning  
Diamond  
Drahtex  
FiberCraft  
Huber+Suhner  
Krone  
Quante  
Telegärtner

**Art. No.**

Design	Order no.	PU
white glossy	<b>1480 02</b>	10
polar white glossy	<b>1480 09</b>	10
polar white matt/velvety	<b>1480 19 09</b>	10



## Antenna technology

### Aerial sockets

New



#### Aerial socket 2hole single box

**i** 463

Wave impedance 75 Ω  
 Broadband technology 5 ... 2400 MHz  
 Operating temperature -25 ... +55 °C  
 EN 50083-2 and EN 60728-4  
 Protective screen according to EN 50083-2, Class A

- external eyelets on the supporting ring can be broken off for round designs
- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- for digital and analogue transmission
- for terrestrial reception
- in star structure or decoupled spur lines
- suitable for HDTV
- direct voltage conducting (IN / IEC jack female)
- with plug-in terminals



Design	Order no.	PU
Aerial socket 2hole single box	<b>* 4502 10</b>	10

New



#### Aerial socket, 2hole throughpass socket

**i** 463

Wave impedance 75 Ω  
 Broadband technology 5 ... 2400 MHz  
 Transmission loss:  
 - at 5 ... 862 MHz 4 dB  
 - at 950 ... 2150 MHz 4 dB  
 - at 2150 ... 2400 MHz 7 dB  
 Operating temperature -25 ... +55 °C  
 EN 50083-2 and EN 60728-4  
 Protective screen according to EN 50083-2, Class A

- external eyelets on the supporting ring can be broken off for round designs
- for community, DVB-T and broadband cable systems
- for SAT house distributors
- for digital and analogue transmission
- for terrestrial reception
- in tree structure and trunk lines
- suitable for HDTV
- with plug-in terminals



Design	Order no.	Page
8 dB	<b>* 4515 10</b>	10
13 dB	<b>* 4515 15</b>	10
20 dB	<b>* 4515 20</b>	10

New



#### Aerial socket 3hole single box

**i** 463

Wave impedance 75 Ω  
 Broadband technology 5 ... 2400 MHz  
 Operating temperature -25 ... +55 °C  
 EN 50083-2 and EN 60728-4  
 Protective screen according to EN 50083-2, Class A

- external eyelets on the supporting ring can be broken off for round designs
- for community, DVB-T and broadband cable systems
- for single and distributor SAT systems
- for digital and analogue transmission
- for terrestrial reception
- in star structure or decoupled spur lines
- suitable for HDTV
- remote supply via F-socket
- DC voltage conducting
- with plug-in terminals



Design	Order no.	PU
Aerial socket 3hole single box	<b>* 4522 10</b>	10



#### Terminating resistor

**i** 463

Resistor 75 Ω  
 Broadband technology 0.15 ... 2400 MHz

- for use in last through-box
- DC voltage conducting
- for non-reflective termination of a trunk cable

Design	Order no.	PU
Terminating resistor	<b>4503</b>	1



**Centre plate for aerial socket 2-/3hole**

For aerial socket according to DIN 45330

– with knock out SAT input

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
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
<b>Berker Q.1/Q.3</b>		
white velvety	★ 1203 60 82	10
polar white velvety	1203 60 89	10
anthracite velvety, lacquered	1203 60 86	10
<b>Berker K.1/K.5</b>		
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
<b>Berker Arsys</b>		
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
<b>Berker R.1/R.3</b>		
polar white glossy	1203 20 89	10
black glossy	1203 20 45	10



New



**Aerial socket 4hole single box**

**i 463**

Wave impedance 75 Ω  
 Broadband technology 5 ... 2400 MHz  
 Operating temperature -25 ... +55 °C  
 EN 50083-2 and EN 60728-4  
 Protective screen (SAT) according to EN 50083-2, Class A  
 Protective screen (VHF/UHF) according to EN 50083-2, Class B

- for community and broadband cable systems
- for multi-switch systems
- for single and distributor SAT systems
- for digital and analogue transmission
- for terrestrial reception
- in star structure or decoupled spur lines
- suitable for HDTV
- remote supply via F-sockets
- with 2 independent SAT outputs (F-sleeves) and 2 IEC outputs (male/female)
- 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



Design	Order no.	PU
Aerial socket 4hole single box	★ 4594 10	10



**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)

<b>Suitable for</b> Intermediate rings	<b>Order no.</b>	<b>Page</b> page 118
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<b>Manufacturer product line</b>	<b>Art. No.</b>
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**Aerial sockets**

Ankaro  
Astro  
Axing  
Delta  
Schwaiger

Design	Order no.	PU
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**Berker S.1/B.3/B.7, Q.1/Q.3, K.1/K.5 - stainless steel, Arsys**

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

**Berker K.5 - Aluminium**

aluminium matt, lacquered	1484 70 03	10
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**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)

<b>Suitable for</b> Intermediate rings	<b>Order no.</b>	<b>Page</b> page 118
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<b>Manufacturer product line</b>	<b>Art. No.</b>
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**Aerial sockets**

Hirschmann

Design	Order no.	PU
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**Berker S.1/B.3/B.7, Q.1/Q.3, K.1/K.5 - stainless steel, Arsys**

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

**Berker K.5 - Aluminium**

aluminium matt, lacquered	1483 70 03	10
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**Central plate for broadband modem socket (Wisi)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

– with additional multimedia output

<b>Suitable for</b> Intermediate rings	<b>Order no.</b>	<b>Page</b> page 118
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<b>Manufacturer product line</b>	<b>Art. No.</b>
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**Broadband modem socket**

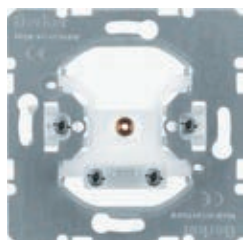
Wisi

Design	Order no.	PU
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white glossy	# 1439 02	10
polar white matt/velvety	# 1439 19 09	10
anthracite matt	# 1439 16 06	10

## Supplementary products

### Cable outlets

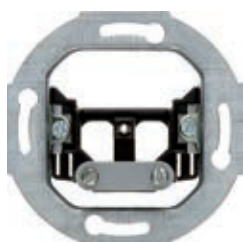


**Cable outlet**

- with strain relief
- for lines dia. max. 9 mm
- without terminal block



Design	Order no.	PU
Cable outlet	<b>4470</b>	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	<b>4468</b>	10



**Centre plate for cable outlet**

- with an outlet below

**Manufacturer product line**  
**VDo connector boxes**

Komos  
Rutenbeck  
Telena

**Art. No.**

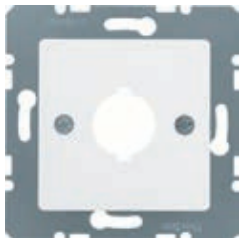
Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1019 89 82</b>	10
polar white glossy	<b>1019 89 89</b>	10
polar white matt	<b>1019 19 09</b>	10
anthracite matt	<b>1019 16 06</b>	10
aluminium matt, lacquered	<b>1019 14 04</b>	10
<b>Berker Q.1/Q.3</b>		
white velvety	<b>* 1019 60 82</b>	10
polar white velvety	<b>1019 60 89</b>	10
anthracite velvety, lacquered	<b>1019 60 86</b>	10
<b>Berker K.1/K.5</b>		
polar white glossy	<b>1005 70 09</b>	10
anthracite matt, lacquered	<b>1005 70 06</b>	10
aluminium matt, lacquered	<b>1005 70 03</b>	10
stainless steel matt, lacquered	<b>1005 70 04</b>	10
<b>Berker Arsys</b>		
white glossy	<b># 1005 00 02</b>	10
polar white glossy	<b># 1005 00 69</b>	10
brown glossy	<b># 1005 00 01</b>	10
light bronze matt, lacquered	<b># 1004 90 11</b>	10
stainless steel matt, lacquered	<b># 1004 90 04</b>	10





Design	Order no.	PU
<b>Berker R.1/R.3</b>		
polar white glossy	<b>1019 20 89</b>	10
black glossy	<b>1019 20 45</b>	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	Order no.	Page
Intermediate ring for central plate		page 118
<b>optional</b>		
Built-in socket for floating output	4604	65

**Manufacturer product line**  
**Circular plug-in connector**

- Amphenol-Tuchel
- Binder
- Cannon
- Farnell
- Hirose
- Hirschmann
- Lumberg
- Monacor
- RS Components

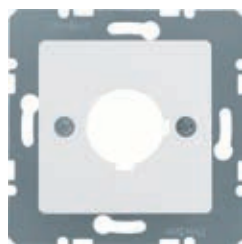
**Signalling and command units**

- Lumitas
- Schlegel

**Extra low voltage jack**  
PRO-CAR

Design	Order no.	PU
<b>Berker S.1/B.3/B.7, Q.1/Q.3, K.1/K.5 - stainless steel, Arsys</b>		
white glossy	<b>1431 02</b>	10
polar white glossy	<b>1431 09</b>	10
polar white, matt/velvety	<b>1431 19 09</b>	10
anthracite matt	<b>1431 16 06</b>	10
aluminium matt, lacquered	<b>1431 14 04</b>	10
stainless steel matt, lacquered	<b>1431 04</b>	10
<b>Berker K.5 - Aluminium</b>		
aluminium matt, lacquered	<b>1431 70 03</b>	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
- labelling field latchable
- without spreader claws

**Suitable for** Intermediate ring for central plate **Order no.** **Page**  
page 118

**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, 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



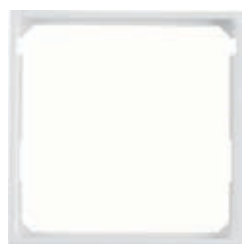
**Berker R.1/R.3**

polar white glossy **1432 20 89** 10

black glossy **1432 20 45** 10

yellow glossy **1432 20 06** 10

**Intermediate rings**



**Intermediate ring for central plate**

- labelling field latchable

**Suitable for optional** Labelling field for intermediate ring **Order no.** 1905 00 02 .. **Page** 119

Design Order no. PU

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

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

**Berker Q.1/Q.3**

white velvety **\* 1109 60 82** 10

polar white velvety **1109 60 89** 10

anthracite velvety, lacquered **1109 60 86** 10



**Berker K.1/K.5**

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

Design	Order no.	PU
<b>Berker Arsys</b>		
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

Design	Order no.	PU
<b>Labelling field for intermediate ring</b>		
Labelling field height arranged for P-touch strips 6 mm.		
<b>Berker Q.1/Q.3, K.1/K.5, Arsys</b>		
white glossy	1905 00 02	10
polar white glossy	1905 00 69	10
aluminium matt, lacquered	1905 70 03	10
stainless steel matt, lacquered	1905 70 04	10

Design	Order no.	PU
<b>Intermediate ring with hinged cover</b>		
	- for centre plate of third-party manufacturers with external dimension 50 x 50 mm	
	- with imprint	
<b>Berker K.1/K.5</b>		
polar white glossy <sup>1)</sup>	1154 71 09	10
anthracite matt, lacquered <sup>1)</sup>	1154 71 06	10
Aluminium aluminium anodised <sup>1)</sup>	1154 71 03	10
Stainless steel/metal matt finish <sup>1)</sup>	1154 71 04	10
<b>Berker Arsys</b>		
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

<sup>1)</sup>labelling field height arranged for 6 mm P-touch strips

Design	Order no.	PU
<b>Intermediate ring with hinged cover flat</b>		
- labelling field	- with imprint	
Labelling field height arranged for P-touch strips 6 mm.		
<b>Berker Arsys</b>		
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
- with imprint



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
<b>Berker Arsys</b>		
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

**Adapter rings for centre plates 50 x 50 mm**



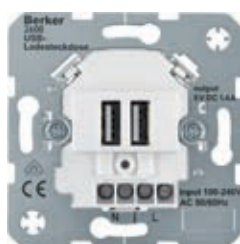
**Adapter ring for centre plate 50 x 50 mm**

- Caution!  
Not suitable for Berker central plates.  
For centre plate according to DIN 49075
- for centre plate of third-party manufacturers with external dimension 50 x 50 mm

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
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
<b>Berker Q.1/Q.3</b>		
white velvety	★ 1109 60 72	10
polar white velvety	1109 60 79	10
anthracite velvety, lacquered	1109 60 76	10
<b>Berker K.1/K.5</b>		
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
<b>Berker Arsys</b>		
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



**USB charging socket outlets**



**230 V USB charging socket outlet**

Frequency	50/60 Hz	- for charging mobile end devices like tablets, smart phones, navigation devices and digital cameras via USB cable
Input voltage	100 ... 240 V~	- with 2 USB sockets type A
Output voltage	5 V= (± 5 %)	- short-circuit and overload proof (electronic fuse)
Output current per socket	max. 1 A	- with screw terminals (double for wiring through)
Output current when operating both sockets	max. 1.4 A	
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>	<b>Suitable for</b>
Insertion depth	32 mm	Centre plate with TAE cut-out
		Central plate with TAE cut-out
		<b>Order no.</b>
		<b>Page</b>

No data transmission possible!  
USB connections according to DIN EN 50558

Design	Order no.	PU
polar white matt	2600 09	1
anthracite matt	2600 05	1





**Centre plate with TAE cut-out**

Suitable for 230 V USB charging socket outlet  
Order no. 2600 0 .. Page 120

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

**Berker Q.1/Q.3**

white velvety	* 1033 60 82	10
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

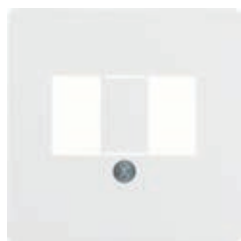
**Berker R.1/R.3**

polar white glossy	1038 20 89	10
black glossy	1038 20 45	10

New



Communication/  
Multimedia  
technology



**Central plate with TAE cut-out**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- labelling field latchable
- 1 knock out opening

Suitable for Intermediate rings 230 V USB charging socket outlet  
Order no. 2600 0 .. Page page 118 120

Design

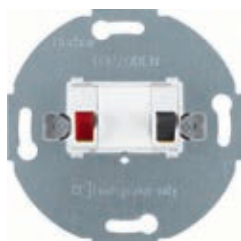
Order no.

PU

white glossy	1458 02	10
polar white glossy	1458 09	10
brown glossy	# 1458 01	10

**Multimedia**

**Audio socket outlets**



**Loudspeaker connection box**

Rated voltage  
Conductor cross-section

60 V=  
max. 10 mm<sup>2</sup>

- with plug-in terminals (on backside with screw terminals)

**i** 467

Suitable for Centre plate with TAE cut-out Central plate with TAE cut-out  
Order no. Page page 122 122

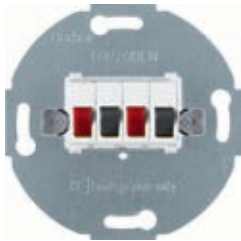
Design

Order no.

PU

polar white matt	4572 09	10
anthracite matt	4572 05	10





**Stereo loudspeaker connection box**

Rated voltage 60 V= – with plug-in terminals  
Conductor cross-section max. 10 mm<sup>2</sup> (on backside with screw terminals)

**i** 467

**Suitable for**  
Centre plate with TAE cut-out  
Central plate with TAE cut-out

**Order no.**

**Page**  
page 122  
page 122



Design	Order no.	PU
polar white matt	<b>4573 09</b>	10
anthracite matt	<b>4573 05</b>	10



**Centre plate with TAE cut-out**

**Suitable for**  
Loudspeaker connection box  
Stereo loudspeaker connection box

**Order no.**  
4572 ..  
4573 ..

**Page**  
121  
122

Design Order no. PU

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

white glossy	<b>1033 89 12</b>	10
polar white glossy	<b>1033 89 19</b>	10
polar white matt, with 2 knock out openings	<b>1033 19 09</b>	10
anthracite matt, with 2 knock out openings	<b>1033 16 06</b>	10
aluminium matt, lacquered, with 2 knock out openings	<b>1033 14 04</b>	10

**Berker Q.1/Q.3**

white velvety	<b>* 1033 60 82</b>	10
polar white velvety	<b>1033 60 89</b>	10
anthracite velvety, lacquered	<b>1033 60 86</b>	10

**Berker K.1/K.5**

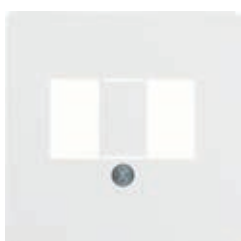
polar white glossy	<b>1035 70 09</b>	10
anthracite matt, lacquered	<b>1035 70 06</b>	10
Aluminium, aluminium anodised	<b>1035 70 03</b>	10
Stainless steel, metal matt finish	<b>1035 70 04</b>	10

**Berker Arsys**

white glossy	<b># 1035 01 02</b>	10
polar white glossy	<b># 1035 01 69</b>	10
brown glossy	<b># 1035 01 01</b>	10
light bronze matt, aluminium lacquered	<b># 1034 00 01</b>	10
Stainless steel, metal matt finish	<b># 1034 00 04</b>	10
gold matt, aluminium anodised	<b># 1034 00 02</b>	10

**Berker R.1/R.3**

polar white glossy	<b>1038 20 89</b>	10
black glossy	<b>1038 20 45</b>	10



**Central plate with TAE cut-out**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

– labelling field latchable  
– 1 knock out opening

**Suitable for**  
Intermediate rings  
Loudspeaker connection box  
Stereo loudspeaker connection box

**Order no.**  
4572 ..  
4573 ..

**Page**  
page 118  
121  
122

Design	Order no.	PU
white glossy	<b>1458 02</b>	10
polar white glossy	<b>1458 09</b>	10
brown glossy	<b># 1458 01</b>	10



**Loudspeaker socket outlet High End**

**i 467**

Clamp transition resistance	< 0.1 mΩ	- with 2 metal cable lugs, gold-plated design
Connect transition resistance	< 0.15 mΩ	- banana sockets also suitable for screw connection
Conductor cross-section	max. 10 mm <sup>2</sup>	- with 2 metal banana sockets, gold-plated design
Insertion depth	31 mm	- with 2 metal banana plugs, gold-plated design

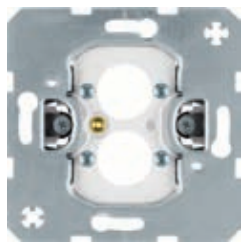
Recommendation: use deep box for larger cross-sections.

Jack and plug with red or black identification ring, as well as a plug connection are suitable for protection low voltage.

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Centre plate for loudspeaker socket outlet	1196 60 82 ..	123



Design	Order no.	PU
Loudspeaker socket outlet High End	<b>4505 02</b>	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 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  
Circular plug-in connector**

- Cannon
- Conrad Electronic
- Dr. Ing. Sieger
- Farnell
- Hirschmann
- Lumberg
- Monacor
- RS Components

**Art. No.**

Design	Order no.	PU
Entry for small connector	<b># 4505</b>	10



**Centre plate for loudspeaker socket outlet**

- 1 knock out opening

Design	Order no.	PU
--------	-----------	----

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

white glossy	<b>1196 89 82</b>	10
polar white glossy	<b>1196 89 89</b>	10
polar white matt	<b>1196 19 09</b>	10
anthracite matt	<b>1196 16 06</b>	10
aluminium matt, lacquered	<b>1196 14 04</b>	10

**Berker Q.1/Q.3**

white velvety	<b>* 1196 60 82</b>	10
polar white velvety	<b>1196 60 89</b>	10
anthracite velvety, lacquered	<b>1196 60 86</b>	10

**Berker K.1/K.5**

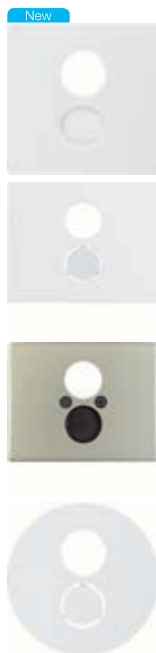
polar white glossy	<b>1184 70 09</b>	10
anthracite matt, lacquered	<b>1184 70 06</b>	10
Aluminium, aluminium anodised	<b>1184 70 03</b>	10
Stainless steel, metal matt finish	<b>1184 70 04</b>	10

**Berker Arsys**

light bronze matt, aluminium lacquered	<b># 1184 00 01</b>	10
Stainless steel, metal matt finish	<b># 1184 00 04</b>	10
gold matt, aluminium anodised	<b># 1184 00 02</b>	10

**Berker R.1/R.3**

polar white glossy	<b>1196 20 89</b>	10
black glossy	<b>1196 20 45</b>	10





**Centre plate for loudspeaker socket outlet**

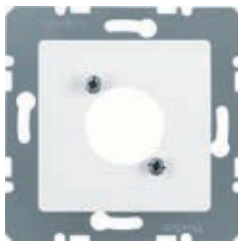
- labelling field
- 1 knock out opening



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
<b>Berker Arsys</b>		
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  | - with supporting plate                                   |
| Screw spacing (horizontal/vertical) | 19/24 mm | - speakon and jack connector                              |
|                                     |          | - Labelling field latchable in matching intermediate ring |
|                                     |          | - 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.

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Intermediate rings		page 118

**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**

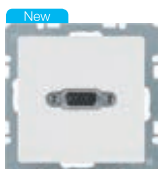
- |                       |                     |  |
|-----------------------|---------------------|--|
| Frequency range video | max. 160 MHz        | - S-VGA compatible                       |
| Resolution            | max. 1280 x 1024 px | - with 15pole D-subminiature double jack |
|                       |                     | - without spreader claws                 |

For connecting PCs, notebooks, etc. to display devices such as monitors (including LCD monitors) and projectors.

Installation recommendation:  
Kaiser: "Electronic box" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74  
Fränkische: "Multimedia tube" for laying pre-assembled connection cable, Art. no. 294.10.092

Comply with the instructions of the cable and device manufacturers as to the maximum VGA cable length.

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
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
<b>Berker Q.1/Q.3</b>		
white velvety	* 33 1540 60 82	10
polar white velvety	33 1540 60 89	10
anthracite velvety, lacquered	33 1540 60 86	10





Design	Order no.	PU
<b>Berker K.1/K.5</b>		
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
<b>Berker Arsys</b>		
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
<b>Berker R.1/R.3</b>		
polar white glossy	33 1540 20 89	10
black glossy	33 1540 20 45	10



**VGA socket outlet**

- screw-in lift terminals



Frequency range video	max. 160 MHz
Resolution	max. 1280 x 1024 px
Conductor cross-section	max. 1.5 mm <sup>2</sup>

For connecting PCs, notebooks, etc. to display devices such as monitors (including LCD monitors) and projectors.

Installation recommendation:

Kaiser: "Electronic box" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74

Fränkische: "Multimedia tube" for laying pre-assembled connection cable, Art. no. 294.10.092

Comply with the instructions of the cable and device manufacturers as to the maximum VGA cable length.

**i 461**

Communication/  
Multimedia  
technology

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
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
<b>Berker Q.1/Q.3</b>		
white velvety	* 33 1541 60 82	10
polar white velvety	33 1541 60 89	10
anthracite velvety, lacquered	33 1541 60 86	10

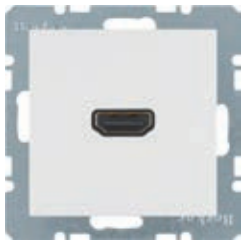


<b>Berker K.1/K.5</b>		
polar white glossy	33 1541 70 09	10
anthracite matt, lacquered	33 1541 70 06	10
aluminium matt, lacquered	33 1541 70 03	10
stainless steel matt, lacquered	33 1541 70 04	10
<b>Berker Arsys</b>		
white glossy	# 33 1541 00 02	10
polar white glossy	# 33 1541 00 69	10
light bronze matt, lacquered	# 33 1541 90 11	10
stainless steel matt, lacquered	# 33 1541 90 04	10



Design	Order no.	PU
<b>Berker R.1/R.3</b>		
polar white glossy	<b>33 1541 20 89</b>	10
black glossy	<b>33 1541 20 45</b>	10

**Multimedia sockets**



**High definition socket outlet**

**i 467**

Frequency range (vertical)	50 ... 85 Hz	- gold-plated contacts
Video bandwidth	max. 165 MHz	- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)
Resolution	max. 1920 x 1080 px	- 19pole
Transmission rate	max. 8.16 GBit/s	- without spreader claws

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 box" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74

Fränkische: "Multimedia tube" for laying pre-assembled connection cable, Art. no. 294.10.092

Comply with the instructions of the cable and device manufacturers as to the maximum HDMI cable length.

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>33 1542 89 82</b>	1
polar white glossy	<b>33 1542 89 89</b>	1
polar white matt	<b>33 1542 19 09</b>	10
anthracite matt	<b>33 1542 16 06</b>	10
aluminium matt, lacquered	<b>33 1542 14 04</b>	10
<b>Berker Q.1/Q.3</b>		
white velvety	<b>* 33 1542 60 82</b>	10
polar white velvety	<b>33 1542 60 89</b>	10
anthracite velvety, lacquered	<b>33 1542 60 86</b>	1



<b>Berker K.1/K.5</b>		
polar white glossy	<b>33 1542 70 09</b>	1
anthracite matt, lacquered	<b>33 1542 70 06</b>	1
aluminium matt, lacquered	<b>33 1542 70 03</b>	10
stainless steel matt, lacquered	<b>33 1542 70 04</b>	1
<b>Berker Arsys</b>		
white glossy	<b># 33 1542 00 02</b>	1
polar white glossy	<b># 33 1542 00 69</b>	1
light bronze matt, lacquered	<b># 33 1542 90 11</b>	1
stainless steel matt, lacquered	<b># 33 1542 90 04</b>	1
<b>Berker R.1/R.3</b>		
polar white glossy	<b>33 1542 20 89</b>	10
black glossy	<b>33 1542 20 45</b>	10





**High definition socket outlet with 90° plug connection**

**i 467**

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
- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)
- 19pole
- without spreader claws

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:**

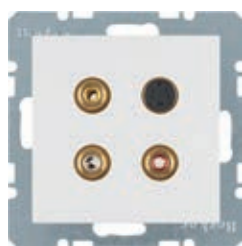
Kaiser: "Electronic box" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74

Fränkische: "Multimedia tube" for laying pre-assembled connection cable, Art. no. 294.10.092

Comply with the instructions of the cable and device manufacturers as to the maximum HDMI cable length.

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>33 1543 89 82</b>	10
polar white glossy	<b>33 1543 89 89</b>	10
polar white matt	<b>33 1543 19 09</b>	10
anthracite matt	<b>33 1543 16 06</b>	10
aluminium matt, lacquered	<b>33 1543 14 04</b>	10
<b>Berker Q.1/Q.3</b>		
white velvety	<b>* 33 1543 60 82</b>	10
polar white velvety	<b>33 1543 60 89</b>	10
anthracite velvety, lacquered	<b>33 1543 60 86</b>	10
<b>Berker K.1/K.5</b>		
polar white glossy	<b>33 1543 70 09</b>	10
anthracite matt, lacquered	<b>33 1543 70 06</b>	10
aluminium matt, lacquered	<b>33 1543 70 03</b>	10
stainless steel matt, lacquered	<b>33 1543 70 04</b>	10
<b>Berker Arsys</b>		
white glossy	<b># 33 1543 00 02</b>	10
polar white glossy	<b># 33 1543 00 69</b>	10
light bronze matt, lacquered	<b># 33 1543 90 11</b>	10
stainless steel matt, lacquered	<b># 33 1543 90 04</b>	10
<b>Berker R.1/R.3</b>		
polar white glossy	<b>33 1543 20 89</b>	10
black glossy	<b>33 1543 20 45</b>	10





**3 x Cinch/S-Video socket outlet**

**i** 467

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
- without spreader claws

For connecting analogue audio and video devices such as receivers, hi-fi systems and DVD players.

Installation recommendation:  
Kaiser: "Electronic box" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74  
Fränkische: "Multimedia tube" for laying pre-assembled connection cable, Art. no. 294.10.092

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

**Berker Q.1/Q.3**

white velvety	★ 33 1532 60 82	10
polar white velvety	33 1532 60 89	10
anthracite velvety, lacquered	33 1532 60 86	10

**Berker K.1/K.5**

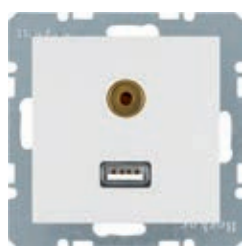
polar white glossy	33 1532 70 09	10
anthracite matt, lacquered	33 1532 70 06	10
aluminium matt, lacquered	33 1532 70 03	10
stainless steel matt, lacquered	33 1532 70 04	10

**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

**Berker R.1/R.3**

polar white glossy	33 1532 20 89	10
black glossy	33 1532 20 45	10



**USB/3.5 mm audio socket outlet**

**i** 467

Frequency range audio 20 ... 20000 Hz  
USB transmission rate max. 480 Mbit/s

- double jack gold-plated 3.5 mm, stereo
- USB double jack type A, USB 2.0 capable
- without spreader claws

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 box" for compliance with the permissible bending radii, Art. No. 1068-02 or 9062-74  
Fränkische: "Multimedia tube" for laying pre-assembled connection cable, Art. no. 294.10.092

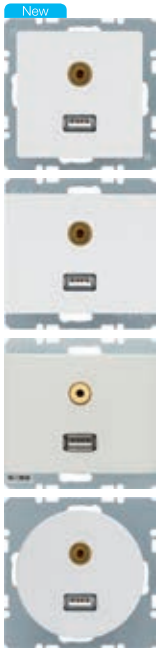
Observe the instructions of the cable and device manufacturers for maximum USB cable lengths!

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





**Berker Q.1/Q.3**

white velvety	* 33 1539 60 82	10
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**

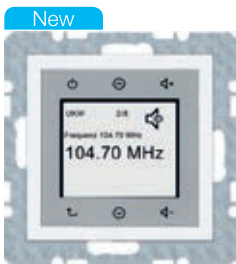
white glossy	# 33 1539 00 02	10
polar white glossy	# 33 1539 00 69	10
light bronze matt, lacquered	# 33 1539 90 11	10
stainless steel matt, lacquered	# 33 1539 90 04	10

**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**

Operating voltage	230 V~	- stereo FM radio with RDS display
Frequency	50/60 Hz	- illuminated touch graphics display
Frequency range (radio reception)	87.5 ... 108 MHz	- time and date display
For loudspeakers	per channel 4 ... 8 Ω	- operation via sensor areas of the touch display
Conductor cross-section	max. 2.5 mm <sup>2</sup>	- manual and automatic station search
Dimensions of display (W x H)	35 x 28 mm	- 8 station memory, non-volatile
Insertion depth	33 mm	- switch-on with last station
		- countdown
		- volume control
		- alarm clock with snooze alarm
		- sleep timer
		- external audio input, e.g. for MP3 player or docking station
		- with 2 loudspeaker connections
		- extension unit input for separate on/off switching
		- with screw terminals

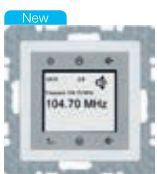
At least one loudspeaker must be connected for operation.

Suitable for	Order no.	Page
Loudspeakers		page 130
Ceiling loudspeaker Ø 140 mm	WUZ6 71	130
Ceiling loudspeaker Ø 80 mm	WUZ6 72	131

Design	Order no.	PU
--------	-----------	----

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

polar white glossy	* 2884 89 89	1
polar white matt	* 2884 99 09	1
anthracite matt	* 2884 16 06	1
aluminium matt, lacquered	* 2884 14 04	1



**Berker Q.1/Q.3**

white velvety	* 2884 60 82	1
polar white velvety	* 2884 60 89	1
anthracite velvety, lacquered	* 2884 60 86	1



**Berker K.1/K.5**

polar white glossy	* 2884 70 09	1
anthracite matt, lacquered	* 2884 70 06	1
aluminium matt, lacquered	* 2884 70 03	1
stainless steel matt, lacquered	* 2884 70 04	1



Design	Order no.	PU
<b>Berker Arsys</b>		
polar white glossy	# 2884 00 69	1
stainless steel matt, lacquered	# 2884 00 04	1

**Loudspeakers**



**Loudspeaker**

Impedance	4 Ω	- without spreader claws
Nominal/music power handling	3/4 W	- confectioned, with 2-core, double-insulated, flexible cable
Frequency response (-3 dB)	170 ... 18000 Hz	
Conductor cross-section (flexible)	0.5 mm <sup>2</sup>	<b>Suitable for</b>
Pre-assembled cable	≈ 25 cm	Radios
Insertion depth	35 mm	<b>Order no.</b>
		<b>Page</b>
		page 129

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
polar white glossy	2882 89 89	1
polar white matt	2882 99 09	1
anthracite matt	* 2882 16 06	1
aluminium matt, lacquered	* 2882 14 04	1
stainless steel matt, lacquered	2882 89 16	1



<b>Berker Q.1/Q.3</b>		
white velvety	* 2882 60 82	1
polar white velvety	2882 60 89	1
anthracite velvety, lacquered	2882 60 86	1



<b>Berker K.1/K.5</b>		
polar white glossy	2882 70 09	1
anthracite matt, lacquered	* 2882 70 06	1
aluminium matt, lacquered	* 2882 70 03	1
stainless steel matt, lacquered	2882 70 04	1



<b>Berker Arsys</b>		
polar white glossy	# 2882 00 69	1
stainless steel matt, lacquered	# 2882 00 04	1



**Ceiling loudspeaker Ø 140 mm**

Impedance	8 Ω	- with strain relief
Nominal/music power handling	6/8 W	- with membrane impregnated against humidity
Frequency response (-3 dB)	170 ... 22000 Hz	- with spring mechanism for ceiling installation
Sound pressure level 1 W/1 m	87 dB	- with plug-in terminals
Sound pressure level at rated power	95 dB	<b>Suitable for</b>
Conductor cross-section (flexible)	max. 2.5 mm <sup>2</sup>	Radios
Insertion depth	62 mm	<b>Order no.</b>
Installation opening Ø	116 mm	<b>Page</b>
Installation wall thickness	max. 30 mm	page 129
Recommended installation height	≈ 2.4 ... 4 m	

Suitable installation housings available from Kaiser and Spelsberg.



Design	Order no.	PU
white	* WUZ6 71	2

New



**Ceiling loudspeaker Ø 80 mm**

Impedance	20 Ω	- with spring mechanism for ceiling installation
Nominal/music power handling	3/4 W	- with screw terminal
Frequency response (-3 dB)	200 ... 16000 Hz	
Sound pressure level 1 W/1 m	82 dB	<b>Suitable for</b>
Sound pressure level at rated power	87 dB	Radios
Conductor cross-section (flexible)	max. 1.5 mm <sup>2</sup>	<b>Order no.</b>
Insertion depth	35 mm	Page
Installation opening Ø	68 mm	page 129
Installation wall thickness	max. 15 mm	
Recommended installation height	≈ 2.4 ... 4 m	

Housing screws made of stainless steel.



Design	Order no.	PU
white	<b>* WUZ6 72</b>	1

# 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

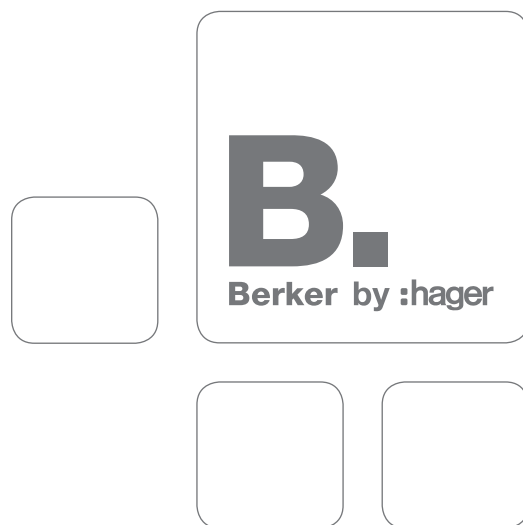
Plastic, matt  
polar white  
anthracite  
aluminium, lacquered  
red  
green  
orange  
yellow

similar to RAL 9010  
similar to RAL 7021  
similar to RAL 9006  
similar to RAL 3003  
similar to RAL 6029  
similar to RAL 2003  
similar to RAL 1004

Plastic, glossy  
white  
polar white  
red  
green  
orange  
yellow

similar to RAL 1013  
similar to RAL 9010  
similar to RAL 3003  
similar to RAL 6029  
similar to RAL 2003  
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** 474

Rated voltage 250 V~ - with plug-in terminals  
Rated current 16 A

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** 474

- 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** 474

- 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** 474

- enhanced contact protection - with screw-in lift terminals  
- 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**

- labelling field

- with plug-in terminals

**i** 474



Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	<b>4750 89 82</b>	10
polar white glossy	<b>4750 89 89</b>	10
polar white matt	<b>4750 19 09</b>	10
anthracite matt	<b>4750 16 06</b>	10
aluminium matt, lacquered	<b>4750 14 04</b>	10



**SCHUKO socket outlet**

- labelling field
- enhanced contact protection

- with plug-in terminals

**i** 474



Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	<b>4749 89 82</b>	10
polar white glossy	<b>4749 89 89</b>	10
polar white matt	<b>4749 19 09</b>	10
anthracite matt	<b>4749 16 06</b>	10
aluminium matt, lacquered	<b>4749 14 04</b>	10



**SCHUKO socket outlet**

- labelling field
- enhanced contact protection
- screw-in lift terminals

- with screw-in lift terminals

**i** 474



Rated voltage 250 V~  
Rated current 16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	<b>4149 89 82</b>	10
polar white glossy	<b>4149 89 89</b>	10
polar white matt	<b>4149 19 09</b>	10
anthracite matt	<b>4149 16 06</b>	10
aluminium matt, lacquered	<b>4149 14 04</b>	10



**SCHUKO socket outlet 45°**

Rated voltage 250 V~ - for diagonal installation  
Rated current 16 A - with plug-in terminals

**i** 474

Specially suited to combinations of several socket outlets if right angle plugs are used.

Design	Order no.	PU
white glossy	<b>4727 89 82</b>	10
polar white glossy	<b>4727 89 89</b>	10
polar white matt	<b>4727 19 09</b>	10
anthracite matt	<b>4727 16 06</b>	10
aluminium matt, lacquered	<b>4727 14 04</b>	10





**SCHUKO socket outlet with LED orientation light**

**i 474**

- 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
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Switch-off brightness	ca. 4 lx
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>

- 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
- with screw-in lift terminals
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting

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	<b>4109 89 82</b>	10
polar white glossy	<b>4109 89 89</b>	10
polar white matt	<b>4109 19 09</b>	10
anthracite matt, lacquered	<b>4109 16 06</b>	10
aluminium matt, lacquered	<b>4109 14 04</b>	10



**SCHUKO socket outlet with control LED**

**i 474**

- labelling field
- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A

- with screw-in lift terminals

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	<b>4110 89 82</b>	10
polar white glossy	<b>4110 89 89</b>	10
polar white matt	<b>4110 19 09</b>	10



**SCHUKO socket outlet with cover plate**

**i 474**

Rated voltage	250 V~	- with plug-in terminals
Rated current	16 A	

Design	Order no.	PU
<b>Berker S.1</b>		
white glossy	<b>4742 89 82</b>	10
polar white glossy	<b>4742 89 89</b>	10
polar white matt	<b>4742 99 09</b>	10
anthracite matt	<b>4742 99 49</b>	10
aluminium matt, lacquered	<b>4742 99 39</b>	10





**SCHUKO socket outlet with cover plate**

**i** 474

- enhanced contact protection

- with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A

Design	Order no.	PU
<b>Berker S.1</b>		
white glossy	<b>4722 89 82</b>	10
polar white glossy	<b>4722 89 89</b>	10
polar white matt	<b>4722 99 09</b>	10
anthracite matt	<b>4722 99 49</b>	10
aluminium matt, lacquered	<b>4722 99 39</b>	10



**Double SCHUKO socket outlet with cover plate**

**i** 474

Rated voltage 250 V~ - with plug-in terminals  
Rated current 16 A  
Assembling height 22 mm

For installation in 1gang wall boxes according to DIN 49073-1

Design	Order no.	PU
<b>Berker S.1</b>		
white glossy	<b>4754 89 82</b>	10
polar white glossy	<b>4754 89 89</b>	10
polar white matt	<b>4754 99 09</b>	10
anthracite matt	<b>4754 99 49</b>	10
aluminium matt, lacquered	<b>4754 99 39</b>	10



**Double SCHUKO socket outlet with cover plate**

**i** 474

- 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 DIN 49073-1

Design	Order no.	PU
<b>Berker S.1</b>		
white glossy	<b>4729 89 82</b>	10
polar white glossy	<b>4729 89 89</b>	10
polar white matt	<b>4729 99 09</b>	10
anthracite matt	<b>4729 99 49</b>	10
aluminium matt, lacquered	<b>4729 99 39</b>	10





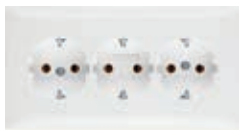
**Combination SCHUKO socket outlet 2gang with frame**

**i** 474

Rated voltage	250 V~	- without spreader claws
Rated current	16 A	- with plug-in terminals
		- 2 x 1gang, wired-through

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
<b>Berker S.1</b>		
white glossy	<b>4720 89 82</b>	5
polar white glossy	<b>4720 89 89</b>	5
polar white matt	<b>4720 99 09</b>	5
anthracite matt	<b>4720 99 49</b>	5
aluminium matt, lacquered	<b>4720 99 39</b>	5



**3gang SCHUKO socket outlet with cover plate**

**i** 474

Rated voltage	250 V~	- without spreader claws
Rated current	16 A	- without wall box
Installation time	≈ 2 min	- with plug-in terminals
Conductor cross-section	2.5 mm <sup>2</sup>	- common base, connected-through
Pre-assembled cables	≈ 1 m	- through-wiring possible

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
<b>Berker S.1</b>		
polar white matt	<b>4766 19 09</b>	5
anthracite matt	<b>4766 19 49</b>	5
aluminium matt, lacquered	<b>4766 19 39</b>	5



**SCHUKO socket outlets with hinged cover**



**SCHUKO socket outlet with hinged cover**

**i** 474

Rated voltage	250 V~	- with imprint
Rated current	16 A	- with plug-in terminals

Design	Order no.	PU
white glossy	<b>4751 89 82</b>	10
polar white glossy	<b>4751 89 89</b>	10
polar white matt	<b>4751 19 09</b>	10



**SCHUKO socket outlet with hinged cover**

**i** 474

- enhanced contact protection
- installation position variable in 45° steps
- 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
white glossy	<b>4744 89 82</b>	10
polar white glossy	<b>4744 89 89</b>	10
polar white matt	<b>4744 19 09</b>	10
anthracite matt	<b>4744 16 06</b>	10
aluminium matt, lacquered	<b>4744 14 04</b>	10





**SCHUKO socket outlet with hinged cover**

**i 474**

- labelling field
- enhanced contact protection
- installation position variable in 45° steps

- 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.

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

Design	Order no.	PU
white glossy	<b>4746 89 82</b>	10
polar white glossy	<b>4746 89 89</b>	10
polar white matt	<b>4746 19 09</b>	10
anthracite matt	<b>4746 16 06</b>	10
aluminium matt, lacquered	<b>4746 14 04</b>	10



**SCHUKO socket outlets for special applications**



**SCHUKO socket outlet**

**i 474**

Rated voltage 250 V~ - with plug-in terminals  
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
red glossy	<b>4743 89 12</b>	10
green glossy	<b>4743 89 13</b>	10
orange glossy	<b>4743 89 14</b>	10
red matt	<b>4743 19 12</b>	10
green matt	<b>4743 19 13</b>	10
orange matt	<b>4743 19 14</b>	10



**SCHUKO socket outlet**

**i 474**

- enhanced contact protection
- with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
orange glossy	<b>4723 89 14</b>	10
orange matt	<b>4723 19 14</b>	10



**SCHUKO socket outlet**

**i 474**

- 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	<b>4143 89 12</b>	10
green glossy	<b>4143 89 13</b>	10
orange glossy	<b>4143 89 14</b>	10
red matt	<b>4143 19 12</b>	10
green matt	<b>4143 19 13</b>	10
orange matt	<b>4143 19 14</b>	10





**SCHUKO socket outlet with imprint**

**i** 474

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 glossy, imprint "EDV"	<b>4743 89 22</b>	10
green glossy, imprint "SV"	<b>4743 89 03</b>	10
orange glossy, imprint "ZSV"	<b>4743 89 07</b>	10
red matt, imprint "EDV"	<b>4743 19 22</b>	10
green matt, imprint "SV"	<b>4743 19 03</b>	10
orange matt, imprint "ZSV"	<b>4743 19 07</b>	10



**SCHUKO socket outlet**

**i** 474

- labelling field - with plug-in terminals

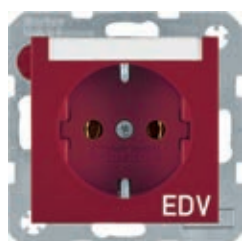


Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.

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

Design	Order no.	PU
red glossy	<b>4750 89 02</b>	10
green glossy	<b>4750 89 03</b>	10
orange glossy	<b>4750 89 07</b>	10
red matt	<b>4750 19 02</b>	10
green matt	<b>4750 19 03</b>	10
orange matt	<b>4750 19 07</b>	10



**SCHUKO socket outlet with imprint**

**i** 474

- labelling field - with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A

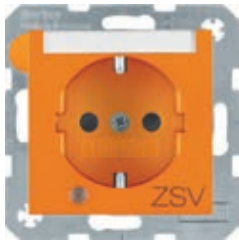
Insert colour-coded.

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
red glossy, imprint "EDV"	<b>4750 89 15</b>	10
green glossy, imprint "SV"	<b>4750 89 13</b>	10
orange glossy, imprint "ZSV"	<b>4750 89 14</b>	10
red matt, imprint "EDV"	<b>4750 19 15</b>	10
green matt, imprint "SV"	<b>4750 19 13</b>	10
orange matt, imprint "ZSV"	<b>4750 19 14</b>	10







**SCHUKO socket outlet with control LED and imprint**

**i** 474

- 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 according to VDE 0100-710

Design	Order no.	PU
red glossy, imprint "EDV"	<b>4110 89 15</b>	10
green glossy, imprint "SV"	<b>4110 89 13</b>	10
orange glossy, imprint "ZSV"	<b>4110 89 14</b>	10
red matt, imprint "EDV"	<b>4110 19 15</b>	10
green matt, imprint "SV"	<b>4110 19 13</b>	10
orange matt, imprint "ZSV"	<b>4110 19 14</b>	10



**Flush-mounted safety devices**

**SCHUKO socket outlets with safety device**



**SCHUKO socket outlet with overvoltage protection**

**i** 476

- labelling field
- screw terminals

- with imprint
- with indicator LED for "on/error"
- with screw terminals
- with acoustic fault signal



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.  
Connection terminals according to IEC 60884-1  
Overvoltage protection according to EN 61643 and VDE 0675-6-11

Design	Order no.	PU
white glossy	<b>4108 89 82</b>	1
polar white glossy	<b>4108 89 89</b>	1
polar white matt	<b>4108 19 09</b>	1
anthracite matt	<b>4108 16 06</b>	1
aluminium matt, lacquered	<b>4108 14 04</b>	1
red glossy	<b>4108 89 62</b>	1
red matt	<b>4108 19 62</b>	1



S.1/B.3/B.7  
Built-in elements



**SCHUKO socket outlet with residual current circuit-breaker**

**i** 475

- enhanced contact protection



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Measurement error current	30 mA
Surge current resistance	250 A (8/20) μs
Short-circuit resistance (with back-up fuse 20 AgL)	3 kA
Trigger time	≤ 30 ms

- with spreader claws
- type A for alternating currents and pulsating direct currents
- with plug-in terminals
- to protect connected and downstream loads

Through-wired socket outlets are also protected.  
For use in old installations with provision made to safeguard existing standards without additional protective regulations  
Connection terminals according to IEC 60884-1  
Tested conform VDE 0664 (EN 61008)

Design	Order no.	PU
white glossy	<b>4708 89 82</b>	1
polar white glossy	<b>4708 89 89</b>	1
polar white matt	<b>4708 19 09</b>	1



**Covers for protection switch**



**50 x 50 mm centre plate for RCD protection switch**

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

Suitable for	Order no.	Page
Adapter ring for centre plate 50 x 50 mm	2844	162
Residual current circuit-breaker		437

Design	Order no.	PU
white glossy	<b>1493 02</b>	1
polar white glossy	<b>1493 09</b>	1
polar white matt/velvety	<b>1493 19 09</b>	1
anthracite matt	<b>1493 16 06</b>	1
aluminium matt, lacquered	<b>1493 14 04</b>	1

**International socket outlet systems**

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

**Socket outlets without earthing contact**



**Socket outlet without earthing contact**

**i** 474

Rated voltage	250 V~	- without spreader claws
Rated current	16 A	- 2pole
Mirror depth	8 mm	- with plug-in terminals

Design	Order no.	PU
white glossy	<b>61 6703 89 82</b>	10
polar white glossy	<b>61 6703 89 89</b>	10
polar white matt	<b>61 6703 19 09</b>	10





**Socket outlet without earthing contact**

**i 474**

- enhanced contact protection

- without spreader claws
- 2pole
- with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 8 mm

Design	Order no.	PU
polar white matt	<b>61 6733 19 09</b>	10
anthracite matt	<b>61 6733 16 06</b>	10
aluminium matt, lacquered	<b>61 6733 14 04</b>	10



**Socket outlets with earthing pin**



**Socket outlet with earthing pin**

**i 474**

- 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	<b>67 6876 89 82</b>	10
polar white glossy	<b>67 6876 89 89</b>	10
polar white matt	<b>67 6876 19 09</b>	10
anthracite matt	<b>67 6876 16 06</b>	10
aluminium matt, lacquered	<b>67 6876 14 04</b>	10



**Socket outlet with earthing pin**

**i 474**

- 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	<b>67 6576 89 82</b>	10
polar white glossy	<b>67 6576 89 89</b>	10
polar white matt	<b>67 6576 19 09</b>	10
anthracite matt	<b>67 6576 16 06</b>	10
aluminium matt, lacquered	<b>67 6576 14 04</b>	10





**Socket outlet with earthing pin and LED orientation light**

**i** 474

- 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
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Switch-off brightness	ca. 4 lx
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>

- 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
- with screw-in lift terminals
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting

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	<b>67 6510 89 82</b>	10
polar white glossy	<b>67 6510 89 89</b>	10
polar white matt	<b>67 6510 19 09</b>	10
anthracite matt	<b>67 6510 16 06</b>	10
aluminium matt	<b>67 6510 14 04</b>	10



**Socket outlet with earth contact pin and monitoring LED**

**i** 474

- 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
white glossy	<b>67 6509 89 82</b>	10
polar white glossy	<b>67 6509 89 89</b>	10
polar white matt	<b>67 6509 19 09</b>	10



**Socket outlets with earthing pin for special applications**



**Socket outlet with earthing pin**

**i** 474

- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A
Mirror depth	14.5 mm

- 2pole + earth
- with plug-in terminals

Insert colour-coded.

Design	Order no.	PU
red glossy	<b>67 6876 89 62</b>	10
green glossy	<b>67 6876 89 63</b>	10
red matt	<b>67 6876 00 62</b>	10
green matt	<b>67 6876 00 63</b>	10





**Socket outlet with earthing pin**

- enhanced contact protection
- screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

**i** 474



Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 14.5 mm

Insert colour-coded.

Design	Order no.	PU
red glossy	<b>67 6576 89 62</b>	10
green glossy	<b>67 6576 89 63</b>	10
red matt	<b>67 6576 00 62</b>	10
green matt	<b>67 6576 00 63</b>	10



**Socket outlet with earth contact pin and monitoring LED**

- enhanced contact protection
- screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals

**i** 474



Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
red glossy	<b>67 6509 89 15</b>	10
green glossy	<b>67 6509 89 13</b>	10
orange glossy	<b>67 6509 89 14</b>	10
red matt	<b>67 6509 19 15</b>	10
green matt	<b>67 6509 19 13</b>	10
orange matt	<b>67 6509 19 14</b>	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

**i** 474



Rated voltage 250 V~  
Rated current 13 A

**Suitable for**  
Centre plate for socket outlets,  
British Standard, can be switched off

**Order no.** Page  
5342 02 1 .. 145

Design	Order no.	PU
white glossy	<b>5342 02 12</b>	10
polar white glossy	<b>5342 02 19</b>	10
anthracite matt	<b>5342 02 16</b>	10



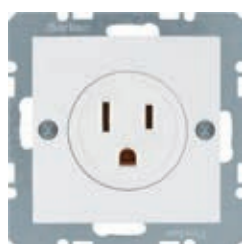
**Centre plate for socket outlets, British Standard, can be switched off**

**Suitable for**  
Socket outlet insert with earthing contact  
BRITISH STANDARD, can be switched off

**Order no.** Page  
5342 02 1 .. 145

Design	Order no.	PU
white glossy	<b>33 1307 89 82</b>	10
polar white glossy	<b>33 1307 89 89</b>	10
polar white matt	<b>33 1307 99 09</b>	10
anthracite matt	<b>33 1307 16 06</b>	10
aluminium matt, lacquered	<b>33 1307 14 04</b>	10

**NEMA-socket outlets**



**Socket outlet with earthing contact USA/CANADA  
NEMA 5-15 R**

**i** 474

- screw terminals



- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage 125 V~  
Rated current 15 A  
Conductor cross-section (rigid) max. 2 x 4 mm<sup>2</sup>  
Insertion depth 19 mm

Not UL-certified.  
Standard NEMA 5-15 R

Design	Order no.	PU
white glossy	<b>4166 89 82</b>	10
polar white glossy	<b>4166 89 89</b>	10
polar white matt	<b>4166 19 09</b>	10



**Socket outlet with earthing contact USA/CANADA  
NEMA 5-20 R**

**i** 474

- screw terminals



- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage 125 V~  
Rated current 20 A  
Conductor cross-section (rigid) max. 2 x 4 mm<sup>2</sup>  
Insertion depth 19 mm

Not UL-certified.  
Standard NEMA 5-20 R

Design	Order no.	PU
white glossy	<b>4168 89 82</b>	10
polar white glossy	<b>4168 89 89</b>	10
polar white matt, lacquered	<b>4168 19 09</b>	10



**Socket outlets with earthing contact CHINA**



**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 mm<sup>2</sup>

Only for Asia.

Design	Order no.	PU
polar white matt	<b>33 4214 29 09</b>	10
anthracite matt	<b>33 4214 26 06</b>	10
aluminium matt, lacquered	<b>33 4214 24 04</b>	10





**Socket outlet with earthing contact CHINA 10 A**

- enhanced contact protection
- screw terminals



Rated voltage 250 V~  
Rated current 10 A  
Conductor cross-section (rigid) max. 4 mm<sup>2</sup>

- centre plate for plug-in fixing
- without spreader claws
- 2pole + earth
- with screw terminals

Only for Asia.

Design	Order no.	PU
polar white matt	<b>33 4213 29 09</b>	10
anthracite matt	<b>33 4213 26 06</b>	10
aluminium matt, lacquered	<b>33 4213 24 04</b>	10



**Socket outlets with earthing contact INDIA**



**Socket outlet with earthing contact INDIAN STANDARD 10 A**

- enhanced contact protection
- screw-in lift terminals



Rated voltage 250 V~  
Rated current 10 A  
Conductor cross-section (rigid) max. 2.5 mm<sup>2</sup>

- centre plate for plug-in fixing
- without spreader claws
- 2pole + earth
- with screw-in lift terminals

Design	Order no.	PU
polar white matt	<b>34 6001 19 09</b>	10
anthracite matt	<b>34 6001 16 06</b>	10
aluminium matt	<b>34 6001 14 04</b>	10



**Socket outlet with earthing contact INDIAN STANDARD 13 A**

- enhanced contact protection
- screw-in lift terminals



Rated voltage 250 V~  
Rated current 13 A  
Conductor cross-section (rigid) max. 2.5 mm<sup>2</sup>

- centre plate for plug-in fixing
- without spreader claws
- 2pole + earth
- with screw-in lift terminals

Design	Order no.	PU
polar white matt	<b>34 6003 19 09</b>	10
anthracite matt	<b>34 6003 16 06</b>	10
aluminium matt	<b>34 6003 14 04</b>	10



**Socket outlet with earthing contact INDIAN STANDARD 16 A**

- enhanced contact protection
- screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A  
Conductor cross-section (rigid) max. 2.5 mm<sup>2</sup>

- centre plate for plug-in fixing
- without spreader claws
- 2pole + earth
- with screw-in lift terminals

Design	Order no.	PU
polar white matt	<b>34 6002 19 09</b>	10
anthracite matt	<b>34 6002 16 06</b>	10
aluminium matt	<b>34 6002 14 04</b>	10





## Push-buttons



### Push-button complete for stairway light

- screw terminals



Rated voltage  
Momentary-contact current

250 V~  
2 A

- without neon lamp
- NO contact
- with screw terminals
- with insert, frame, centre plate and red button

Suitable for	Order no.	Page
Neon lamp E10	1601	53
Order no.		PU

Design

#### Berker S.1

white glossy	<b>5101 89 82</b>	10
polar white glossy	<b>5101 89 89</b>	10
polar white matt	<b>5101 99 09</b>	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

white glossy	<b>1620 89 82</b>	10
polar white glossy	<b>1620 89 89</b>	10
polar white matt	<b>1620 19 09</b>	10
anthracite matt	<b>1620 16 06</b>	10
aluminium matt, lacquered	<b>1620 14 04</b>	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

polar white matt	<b>1570 19 09</b>	10
anthracite matt	<b>1570 16 06</b>	10
aluminium matt, lacquered	<b>1570 14 04</b>	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

white glossy	<b>1626 89 82</b>	10
polar white glossy	<b>1626 89 89</b>	10
polar white matt	<b>1626 19 09</b>	10
anthracite matt	<b>1626 16 06</b>	10
aluminium matt, lacquered	<b>1626 14 04</b>	10



**Rocker**

- lens



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

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

**Suitable for**  
Rocker switches  
Rocker push-buttons

**Order no.**

**Page**  
page 20  
page 20

Design	Order no.	PU
white glossy	<b>1621 89 82</b>	10
polar white glossy	<b>1621 89 89</b>	10
polar white matt	<b>1621 19 09</b>	10
anthracite matt	<b>1621 16 06</b>	10
aluminium matt, lacquered	<b>1621 14 04</b>	10



**Rocker screw-on**

- lens



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

- for illumination and monitoring circuit
- with cover plug for screw fitting

**Suitable for**  
Rocker switches  
Rocker push-buttons

**Order no.**

**Page**  
page 20  
page 20

Design	Order no.	PU
polar white matt	<b>1572 19 09</b>	10
anthracite matt	<b>1572 16 06</b>	10
aluminium matt, lacquered	<b>1572 14 04</b>	10



**Rocker**

- labelling field
- lens



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

For labelling with names, notes etc.

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

**Suitable for**  
Rocker switches  
Rocker push-buttons

**Order no.**

**Page**  
page 20  
page 20

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

Design	Order no.	PU
white glossy	<b>1628 89 82</b>	10
polar white glossy	<b>1628 89 89</b>	10
polar white matt	<b>1628 19 09</b>	10
anthracite matt	<b>1628 16 06</b>	10
aluminium matt, lacquered	<b>1628 14 04</b>	10



**Rocker**

- large labelling field
- lens



Labelling field (W x H)  $\approx$  50.8 x 25.5 mm

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

For labelling with names, notes etc.

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

**Suitable for**  
Rocker switches  
Rocker push-buttons

**Order no.**

**Page**  
page 20  
page 20

Labelling field height designed for two 12 mm P-touch strips.

Design	Order no.	PU
white glossy	<b>1696 89 82</b>	10
polar white glossy	<b>1696 89 89</b>	10
polar white matt	<b>1696 19 09</b>	10
anthracite matt	<b>1696 16 06</b>	10
aluminium matt, lacquered	<b>1696 14 04</b>	10

**Rockers for multi-pole rocker switches**

	<b>Rocker with imprint "0"</b>	<b>Suitable for</b> Multi-pole rocker switches	<b>Order no.</b>	<b>Page</b> page 25
	Design	Order no.		PU
	white glossy	<b>1622 89 82</b>		10
	polar white glossy	<b>1622 89 89</b>		10
	polar white matt	<b>1622 19 09</b>		10
	anthracite matt	<b>1622 16 06</b>		10
	aluminium matt, lacquered	<b>1622 14 04</b>		10

	<b>Rocker with imprint "0", screw-on</b>	- with cover plug for screw fitting		
		<b>Suitable for</b> Multi-pole rocker switches	<b>Order no.</b>	<b>Page</b> page 25
	Design	Order no.		PU
	polar white matt	<b>1573 19 09</b>		10
	anthracite matt	<b>1573 16 06</b>		10
	aluminium matt, lacquered	<b>1573 14 04</b>		10

	<b>Rocker with imprint "0"</b>	- red lens		
		- for illumination and monitoring circuit		
		- also for KNX applications: group push-button, 1gang		
		<b>Suitable for</b> Multi-pole rocker switches	<b>Order no.</b>	<b>Page</b> page 25
	Design	Order no.		PU
	white glossy	<b>1624 89 82</b>		10
	polar white glossy	<b>1624 89 89</b>		10
polar white matt	<b>1624 19 09</b>		10	
anthracite matt	<b>1624 16 06</b>		10	
aluminium matt, lacquered	<b>1624 14 04</b>		10	

	<b>Rocker with imprint "0", screw-on</b>	- red lens		
		- for illumination and monitoring circuit		
		- with cover plug for screw fitting		
		<b>Suitable for</b> Multi-pole rocker switches	<b>Order no.</b>	<b>Page</b> page 25
	Design	Order no.		PU
	polar white matt	<b>1577 19 09</b>		10
	anthracite matt	<b>1577 16 06</b>		10
aluminium matt, lacquered	<b>1577 14 04</b>		10	

**Multiple Rockers**

	<b>Rocker 2gang</b>	- also for KNX applications: push-button, 2gang, and group push-button, 2gang		
		<b>Suitable for</b> Rocker switches, 2gang Series push-buttons	<b>Order no.</b>	<b>Page</b> page 28 page 28
	Design	Order no.		PU
	white glossy	<b>1623 89 82</b>		10
	polar white glossy	<b>1623 89 89</b>		10
	polar white matt	<b>1623 19 09</b>		10
	anthracite matt	<b>1623 16 06</b>		10
aluminium matt, lacquered	<b>1623 14 04</b>		10	



**Rocker 2gang**

– with cover plug for screw fitting

Design

- polar white matt
- anthracite matt
- aluminium matt, lacquered

**Suitable for**  
Rocker switches, 2gang  
Series push-buttons

**Order no.**

**Page**  
page 28  
page 28

Order no.

PU

**1571 19 09**

10

**1571 16 06**

10

**1571 14 04**

10



**Rocker 2gang**

- red lens



Design

- white glossy
- polar white glossy
- polar white matt
- anthracite matt
- aluminium matt, lacquered

– for illumination and monitoring circuit  
– 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 28

Order no.

PU

**1627 89 82**

10

**1627 89 89**

10

**1627 19 09**

10

**1627 16 06**

10

**1627 14 04**

10



**Rocker 3gang**

**Suitable for**  
On/off switch 3gang

**Order no.**  
6330 23

**Page**  
30

Design

- polar white glossy
- white glossy
- polar white matt
- anthracite matt
- aluminium matt, lacquered

Order no.

PU

**1665 89 89**

10

**1665 89 82**

10

**1665 19 09**

10

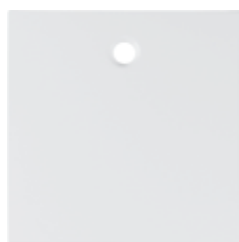
**1665 16 06**

10

**1665 14 04**

10

**Centre plates for pullcord switches/pullcord push-buttons**



**Centre plate for pullcord switch/pullcord push-button**

**Suitable for**  
Pullcord switches/pullcord push-buttons

**Order no.**

**Page**  
page 31

Design

- white glossy
- polar white glossy
- polar white matt
- anthracite matt
- aluminium matt, lacquered

Order no.

PU

**1146 89 82**

10

**1146 89 89**

10

**1146 19 09**

10

**1146 16 06**

10

**1146 14 04**

10

**Centre plates for key switches/key push-buttons**



**Centre plate for key switch/key push-button**

– for master-key systems  
– for lock cylinder

**Suitable for**  
Key switches/key push-buttons  
Lock cylinder

**Order no.**

**Page**  
page 32  
60

Design

- white glossy
- polar white glossy
- polar white matt
- anthracite matt
- aluminium matt, lacquered

Order no.

PU

**1507 89 82**

10

**1507 89 89**

10

**1507 19 09**

10

**1507 16 06**

10

**1507 14 04**

10

## Berker.Net - Conventional electronics platform

### Buttons for switches/dimmers



#### Button 1gang

**i** 468

Operating voltage

via insert – with 2-push-buttons operation concept  
– low intrinsic energy requirement

Suitable for	Order no.	Page
Relay insert	8512 12 00	43
DALI/DSI control insert	8542 17 00	46
Switch insert 1gang	8512 11 00	44
Touch dimmer (R, L)	8542 11 00	45
Universal touch dimmer 1gang	8542 12 00	45

Design	Order no.	PU
white glossy	<b>8514 11 82</b>	1
polar white glossy	<b>8514 11 89</b>	1
polar white matt	<b>8514 11 88</b>	1
anthracite matt, lacquered	<b>8514 11 85</b>	1
aluminium matt, lacquered	<b>8514 11 83</b>	1



#### Button 2gang

**i** 468

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	44
Universal touch dimmer 2gang	8542 21 00	46

Design	Order no.	PU
white glossy	<b>8514 21 82</b>	1
polar white glossy	<b>8514 21 89</b>	1
polar white matt	<b>8514 21 88</b>	1
anthracite matt, lacquered	<b>8514 21 85</b>	1
aluminium matt, lacquered	<b>8514 21 83</b>	1



### Motion detector covers



#### IR Motion detector comfort

**i** 468

Response brightness, adjustable  $\approx 5 \dots 1000 \text{ lx}$ ,  $\infty \text{ lx}$  (day)

Delay time, adjustable  $\approx 10 \text{ s} \dots 30 \text{ min}$

- 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 68

Design	Order no.	PU
<b>Nominal mounting height 1.1 m</b>		
white glossy	<b>8534 12 82</b>	1
polar white glossy	<b>8534 12 89</b>	1
polar white matt	<b>8534 12 88</b>	1
anthracite matt	<b>8534 12 85</b>	1
aluminium, matt, lacquered	<b>8534 12 83</b>	1
<b>Nominal mounting height 2.2 m</b>		
white glossy	<b>8534 22 82</b>	1
polar white glossy	<b>8534 22 89</b>	1
polar white matt	<b>8534 22 88</b>	1
anthracite matt	<b>8534 22 85</b>	1
aluminium, matt, lacquered	<b>8534 22 83</b>	1





**Motion detector**

**i** 468

Response brightness, adjustable  $\approx 5 \dots 1000 \text{ lx}$ ,  $\infty \text{ lx}$  (day)  
Delay time  $\approx 180 \text{ s}$

- 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 Inserts	Order no.	Page page 68
Design	Order no.	PU

**Nominal mounting height 1.1 m**

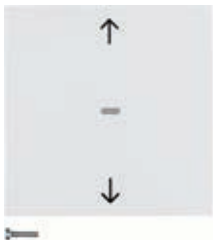
white glossy	<b>8534 11 82</b>	1
polar white glossy	<b>8534 11 89</b>	1
polar white matt	<b>8534 11 88</b>	1
anthracite matt	<b>8534 11 85</b>	1
aluminium, matt, lacquered	<b>8534 11 83</b>	1

**Nominal mounting height 2.2 m**

white glossy	<b>8534 21 82</b>	1
polar white glossy	<b>8534 21 89</b>	1
polar white matt	<b>8534 21 88</b>	1
anthracite matt	<b>8534 21 85</b>	1
aluminium, matt, lacquered	<b>8534 21 83</b>	1



**Blind buttons**



**Blind button**

**i** 468

Delay time, adjustable 0 s ... 500 s  
Venetian blind movement time 2 min  
Change-over time for change of direction < 0.6 s  
Minimum slat adjustment time  $\approx 250 \text{ ms}$

- 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)
- with imprinted symbol arrows
- low intrinsic energy requirement

Can be switched to orientation led by extension unit - this function will be available from Q3 2015.

Suitable for Blind insert comfort	Order no.	Page 91
Design	Order no.	PU

white glossy	<b>8524 11 82</b>	1
polar white glossy	<b>8524 11 89</b>	1
polar white matt	<b>8524 11 88</b>	1
anthracite matt	<b>8524 11 85</b>	1
aluminium, matt, lacquered	<b>8524 11 83</b>	1



S.1/B.3/B.7  
Built-in elements

**Time switches for blinds**



**Blind time switch**

**i** 468

- display
- Number of operation times for up/down 20
- Running time 2 min
- Minimum slat adjustment time ≈ 250 ms
- Change-over time for change of direction < 0.6 s
- Astronomic time shift ± 2 h
- Power reserve ≈ 24 h
- Random number generator ± 15 min

- with keylock
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- low intrinsic energy requirement
- with switchover manual/automatic mode
- with automatic summer-/winter time switching (can be switched off)
- 2 independent preset programme memories, individually adaptable
- 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

Control using device buttons and programmed switching times.

Can be switched to orientation led by extension unit - this function will be available from Q3 2015.

	Suitable for	Order no.	Page
	Blind insert comfort	8522 11 00	91
Design	Order no.		PU
white glossy	<b>8574 11 82</b>		1
polar white glossy	<b>8574 11 89</b>		1
aluminium, matt, lacquered	<b>8574 11 83</b>		1
anthracite matt	<b>8574 11 85</b>		1
polar white matt	<b>8574 11 88</b>		1



**Dimmers and covers**

**Rotary dimmer with cover plate**



**Rotary dimmer with cover plate**

**i** 454

- setting knob
- Operating voltage 230 V~
- 230 V incandescent lamps and halogen lamps 60 ... 400 W
- Number of built-in power boosters (R, L) max. 10

- phase cut-on
- |  | Suitable for replacement  | Order no. | Page     |
|--|---------------------------|-----------|----------|
|  | Covers for rotary dimmers |           | page 154 |

Design	Order no.	PU
<b>Berker S.1</b>		
white glossy	<b>2819 89 82</b>	1
polar white glossy	<b>2819 89 89</b>	1
polar white matt	<b>2819 99 09</b>	1
anthracite matt	<b>2819 99 49</b>	1
aluminium matt, lacquered	<b>2819 99 39</b>	1



ε



**Covers for rotary dimmers**



**Cover for rotary dimmers/rotary potentiometers**

- setting knob
- |  | Suitable for                   | Order no. | Page     |
|--|--------------------------------|-----------|----------|
|  | Rotary dimmer with cover plate |           | page 154 |
|  | Rotary dimmers                 |           | page 36  |
|  | Rotary potentiometers DALI     |           | page 39  |
|  | 1-10 V Rotary potentiometers   |           | page 40  |

Design	Order no.	PU
<b>Berker S.1</b>		
white glossy	<b>1130 89 82</b>	10
polar white glossy	<b>1130 89 89</b>	10
polar white matt	<b>1130 99 09</b>	10
anthracite matt	<b>1130 99 49</b>	10
aluminium matt, lacquered	<b>1130 99 39</b>	10





**Centre plate for rotary dimmer**

- setting knob



Axis dimension Ø

4 mm

**Suitable for**  
Rotary dimmers  
Rotary potentiometers DALI  
1-10 V Rotary potentiometers

**Order no.** **Page**  
page 36  
page 39  
page 40

Design	Order no.	PU
white glossy	<b>1137 89 82</b>	10
polar white glossy	<b>1137 89 89</b>	10
polar white matt	<b>1137 19 09</b>	10
anthracite matt	<b>1137 16 06</b>	10
aluminium matt, lacquered	<b>1137 14 04</b>	10

**Push-buttons**



**Button for universal series touch dimmer**

**i 456**

**Suitable for**  
Universal series touch dimmer (R, L, C)

**Order no.** **Page**  
2901 42

Design	Order no.	PU
white glossy	<b># 1765 89 82</b>	1
polar white glossy	<b># 1765 89 89</b>	1
polar white matt	<b># 1765 19 09</b>	1
anthracite matt	<b># 1765 16 06</b>	1
aluminium matt, lacquered	<b># 1765 14 04</b>	1

**Motion detectors 1.1 m**

New



**Cover for motion detector compact 1.1m**

- with fixing element

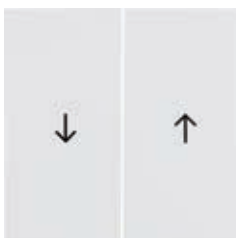
**Suitable for**  
Motion detector 1.1 m  
Motion detector with neutral conductor connection 1.1m

**Order no.** **Page**  
2995 73  
2996 74

Design	Order no.	PU
white glossy	<b>* 1190 89 82</b>	10
polar white glossy	<b>* 1190 89 89</b>	10
polar white matt	<b>* 1190 19 09</b>	10
anthracite matt	<b>* 1190 16 06</b>	10
aluminium matt, lacquered	<b>* 1190 14 04</b>	10

**Covers for blind switches/push-buttons**

**Rockers with imprint**



**Rocker 2gang with imprinted arrow symbol**

- also for KNX applications: push-button, 2gang

**Suitable for**  
Switches/ push-buttons for blinds

**Order no.** **Page**  
page 84

Design	Order no.	PU
white glossy	<b>1625 89 82</b>	10
polar white glossy	<b>1625 89 89</b>	10
polar white matt	<b>1625 19 09</b>	10
anthracite matt	<b>1625 16 06</b>	10
aluminium matt, lacquered	<b>1625 14 04</b>	10



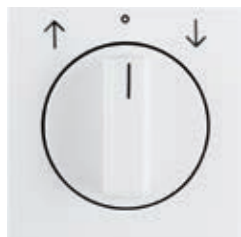
**Rocker 2gang with imprinted arrows symbol**

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

Design	Order no.	PU
white glossy	<b>1644 89 82</b>	10
polar white glossy	<b>1644 89 89</b>	10
polar white matt	<b>1644 19 09</b>	10
anthracite matt	<b>1644 16 06</b>	10
aluminium matt, lacquered	<b>1644 14 04</b>	10

Suitable for	Order no.	Page
Group series push-button, 4 NO contacts, common input terminal	5034 04	29

**Centre plates for rotary switches for blinds**



**Centre plate with rotary knob for rotary switch for blinds**

– with imprint

Design	Order no.	PU
white glossy	<b>1080 89 82</b>	1
polar white glossy	<b>1080 89 89</b>	1
polar white matt	<b>1080 19 09</b>	1
anthracite matt	<b>1080 16 06</b>	1
aluminium matt, lacquered	<b>1080 14 04</b>	1

Suitable for	Order no.	Page
Rotary switches for blinds		page 86
Interlock disk for rotary switch for blinds	1861	87

**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

Design	Order no.	PU
white glossy	<b>1081 89 82</b>	1
polar white glossy	<b>1081 89 89</b>	1
polar white matt	<b>1081 19 09</b>	1
anthracite matt	<b>1081 16 06</b>	1
aluminium matt, lacquered	<b>1081 14 04</b>	1

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	87
Switch for blinds 2pole for centre plate with lock	3852	87



**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
white glossy	<b>1082 89 82</b>	1
polar white glossy	<b>1082 89 89</b>	1
polar white matt	<b>1082 19 09</b>	1

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	87
Switch for blinds 2pole for centre plate with lock	3852	87



**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	87
Switch for blinds 2pole for centre plate with lock	3852	87

Design	Order no.	PU
white glossy	<b>1083 89 82</b>	1
polar white glossy	<b>1083 89 89</b>	1
polar white matt	<b>1083 19 09</b>	1



**Centre plate for key push-button for blinds/key switch**

- with imprint
- for master-key systems
- for lock cylinder

Suitable for	Order no.	Page
Lock cylinder		page 60
Switch for blinds 2pole for lock cylinder	3822 10	89
Push-button for blinds 1pole for lock cylinder	3831 10	89
Push-button for blinds 2pole for lock cylinder	3832 10	90

Design	Order no.	PU
white glossy	<b>1506 89 82</b>	10
polar white glossy	<b>1506 89 89</b>	10
polar white matt	<b>1506 19 09</b>	10
anthracite matt	<b>1506 16 06</b>	10
aluminium matt, lacquered	<b>1506 14 04</b>	10

**Communication/multimedia technology**

- For information on suitable third-party manufacturer articles, see the chapter "Communication/multimedia technology"

**Covers data communications / telecommunications**

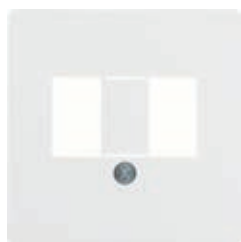


**Centre plate with TAE cut-out**

- also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
230 V USB charging socket outlet	2600 0 ..	120
Loudspeaker connection box	4572 ..	121
Stereo loudspeaker connection box	4573 ..	122
Modular FCC socket outlet 8/8pole, cat.6A	4584	103
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	103

Design	Order no.	PU
white glossy	<b>1033 89 12</b>	10
polar white glossy	<b>1033 89 19</b>	10
polar white matt, with 2 knock out openings	<b>1033 19 09</b>	10
anthracite matt, with 2 knock out openings	<b>1033 16 06</b>	10
aluminium matt, lacquered, with 2 knock out openings	<b>1033 14 04</b>	10



**Central plate with TAE cut-out**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- also for KNX applications: USB data interface, flush-mounted
- labelling field latchable

Suitable for	Order no.	Page
Intermediate rings		page 162
230 V USB charging socket outlet	2600 0 ..	120
Loudspeaker connection box	4572 0 ..	121
Stereo loudspeaker connection box	4573 0 ..	122
Modular FCC socket outlet 8/8pole, cat.6A	4584 ..	103
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	103

Design	Order no.	PU
white glossy	<b>1458 02</b>	10
polar white glossy	<b>1458 09</b>	10



**Centre plate for FCC socket outlet**

- for 1gang socket outlet cat.3, cat.5e, cat.6 and cat.6<sub>A</sub> iso
- for WLAN access-points
- with 45° oblique outlet

Suitable for	Order no.	Page
FCC socket outlets 1gang/WLAN access points		page 98
FCC socket outlet 8/8pole shielded, cat.6/class E	4554 01 ..	98
WLAN Access-Point UP	4582 ..	99
WLAN Access-Point flush-mounted, PoE	4583 ..	99

Design	Order no.	PU
white glossy	<b>1407 89 82</b>	10
polar white glossy	<b>1407 89 89</b>	10
polar white matt	<b>1407 19 09</b>	10
anthracite matt	<b>1407 16 06</b>	10
aluminium matt, lacquered	<b>1407 14 04</b>	10



**Centre plate for FCC socket outlet 2gang**

- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6<sub>A</sub> iso
- with 45° oblique outlet

Suitable for	Order no.	Page
FCC socket outlets 2gang		page 101
FCC socket outlet 8/8pole shielded, cat.6/class E	4555 01 ..	101

Design	Order no.	PU
white glossy	<b>1409 89 82</b>	10
polar white glossy	<b>1409 89 89</b>	10
polar white matt	<b>1409 19 09</b>	10
anthracite matt	<b>1409 16 06</b>	10
aluminium matt, lacquered	<b>1409 14 04</b>	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 .. and 454201, see *Kommunikation/Multimedia technology*

Design	Order no.	PU
polar white matt	<b>1170 19 09</b>	10
anthracite matt	<b>1170 16 06</b>	10
aluminium matt, lacquered	<b>1170 14 04</b>	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 ..and 454202 see *Communikation/Multimedia technology*

Design	Order no.	PU
white glossy	<b>1181 89 82</b>	10
polar white glossy	<b>1181 89 89</b>	10
polar white matt	<b>1181 19 09</b>	10
anthracite matt	<b>1181 16 06</b>	10
aluminium matt, lacquered	<b>1181 14 04</b>	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
- 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

Suitable for	Order no.	Page
Multimedia modules		page 402
Intermediate rings		page 162

Design	Order no.	PU
white glossy	<b>1427 02</b>	10
polar white glossy	<b>1427 09</b>	10
polar white matt/velvety	<b>1427 19 09</b>	10
anthracite matt	<b>1427 16 06</b>	10
aluminium matt, lacquered	<b>1427 14 04</b>	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

Suitable for	Order no.	Page
Intermediate rings		page 162

Design	Order no.	PU
white glossy	<b>1472 02</b>	10
polar white glossy	<b>1472 09</b>	10
polar white matt/velvety	<b>1472 19 09</b>	10
anthracite matt	<b>1472 16 06</b>	10
aluminium matt, lacquered	<b>1472 14 04</b>	10

S.1/B.3/B.7  
Built-in elements



### Central plate for Reichle&De-Massari double module

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

**Caution!**  
Use only with intermediate ring for central plate from the corresponding range.

**Suitable for** Intermediate rings **Order no.** **Page** page 162

Design	Order no.	PU
white glossy	<b>1461 02</b>	10
polar white glossy	<b>1461 09</b>	10
polar white matt/velvety	<b>1461 19 09</b>	10



### Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

- 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

**Caution!**  
Use only with intermediate ring for central plate from the corresponding range.

**Suitable for** Intermediate rings **Order no.** **Page** page 162

Design	Order no.	PU
white glossy	<b>1463 02</b>	10
polar white glossy	<b>1463 09</b>	10
polar white matt/velvety	<b>1463 19 09</b>	10
anthracite matt	<b>1463 16 06</b>	10
aluminium matt, lacquered	<b>1463 14 04</b>	10



### Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

- 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

**Caution!**  
Use only with intermediate ring for central plate from the corresponding range.

**Suitable for** Intermediate rings **Order no.** **Page** page 162

Design	Order no.	PU
white glossy	<b>1464 02</b>	10
polar white glossy	<b>1464 09</b>	10
polar white matt/velvety	<b>1464 19 09</b>	10
anthracite matt	<b>1464 16 06</b>	10
aluminium matt, lacquered	<b>1464 14 04</b>	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

**Suitable for** Intermediate rings **Order no.** **Page** page 162

Design	Order no.	PU
white glossy, 2gang	<b>1492 02</b>	10
polar white glossy, 2gang	<b>1492 09</b>	10
polar white matt/velvety, 2gang	<b>1492 19 09</b>	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

**Suitable for** Intermediate rings **Order no.** **Page** page 162

Design	Order no.	PU
white glossy	<b>1480 02</b>	10
polar white glossy	<b>1480 09</b>	10
polar white matt/velvety	<b>1480 19 09</b>	10

**Covers for aerial sockets**



**Centre plate for aerial socket 2-/3hole**

Design

white glossy	<b>1203 89 82</b>	10
polar white glossy	<b>1203 89 89</b>	10
polar white matt	<b>1203 19 09</b>	10
anthracite matt	<b>1203 16 06</b>	10
aluminium matt, lacquered	<b>1203 14 04</b>	10

– with knock out SAT input

Suitable for	Order no.	Page
Aerial socket 2hole single box	4502 10	113
Aerial socket 2hole throughpass socket	4515 ..	113
Aerial socket 3hole single box	4522 10	113



**Central plate for aerial socket 4hole (Ankaro)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

Design

white glossy	<b>1484 02</b>	10
polar white glossy	<b>1484 09</b>	10
polar white matt/velvety	<b>1484 19 09</b>	10
anthracite matt	<b>1484 16 06</b>	10
aluminium matt, lacquered	<b>1484 14 04</b>	10

– with 2 additional SAT outputs (F-sockets)

Suitable for	Order no.	Page
Intermediate rings		page 162
Aerial socket 4hole single box	4594 10	114



**Central plate for aerial socket 4hole (Hirschmann)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

Design

white glossy	<b>1483 02</b>	10
polar white glossy	<b>1483 09</b>	10
polar white matt/velvety	<b>1483 19 09</b>	10
anthracite matt	<b>1483 16 06</b>	10
aluminium matt, lacquered	<b>1483 14 04</b>	10

– with 2 additional SAT outputs (F-sockets)

Suitable for	Order no.	Page
Intermediate rings		page 162



**Central plate for broadband modem socket (Wisi)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

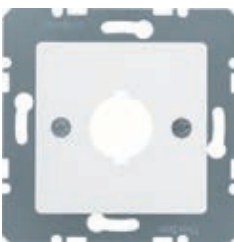
Design

white glossy	<b># 1439 02</b>	10
polar white matt/velvety	<b># 1439 19 09</b>	10
anthracite matt	<b># 1439 16 06</b>	10

– with additional multimedia output

Suitable for	Order no.	Page
Intermediate rings		page 162

**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.

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

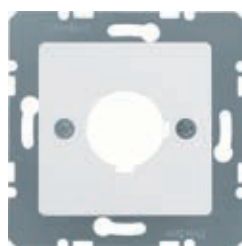
Design

white glossy	<b>1431 02</b>	10
polar white glossy	<b>1431 09</b>	10
polar white, matt/velvety	<b>1431 19 09</b>	10
anthracite matt	<b>1431 16 06</b>	10
aluminium matt, lacquered	<b>1431 14 04</b>	10

– with supporting plate  
– without spreader claws  
– with cut-out dia. 18.8 mm

Suitable for	Order no.	Page
Intermediate rings		page 162
<b>optional</b> Built-in socket for floating output	4604	65





**Central plate with installation opening Ø 22.5 mm**

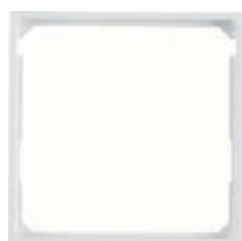
Screw spacing 36 mm – with supporting plate  
– without spreader claws  
– with cut-out dia. 22.5 mm

**Caution!**  
Use only with intermediate ring for central plate from the corresponding range.  
For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.  
Installation aperture according to IEC 60947-5-1

Suitable for Intermediate rings      Order no.      Page page 162

Design	Order no.	PU
white glossy	<b>1432 02</b>	10
polar white glossy	<b>1432 09</b>	10
yellow glossy	<b>1432 07</b>	10
polar white matt/velvety	<b>1432 19 09</b>	10
anthracite matt	<b>1432 16 06</b>	10
aluminium matt, lacquered	<b>1432 14 04</b>	10

**Intermediate rings**



**Intermediate ring for central plate**

– labelling field latchable

Suitable for optional Labelling field for intermediate ring      Order no.      Page page 162

Design	Order no.	PU
white glossy	<b>1109 89 82</b>	10
polar white glossy	<b>1109 89 89</b>	10
polar white matt	<b>1109 19 09</b>	10
anthracite matt	<b>1109 16 06</b>	10
aluminium matt, lacquered	<b>1109 14 04</b>	10



**Labelling field for intermediate ring**

Labelling field height arranged for P-touch strips 6 mm.

Suitable for Intermediate ring for central plate      Order no.      Page page 162

Design	Order no.	PU
white glossy	<b>1905 00 02</b>	10
polar white glossy	<b>1905 00 69</b>	10
aluminium matt, lacquered	<b>1905 70 03</b>	10

**Adapter rings for centre plates 50 x 50 mm**



**Adapter ring for centre plate 50 x 50 mm**

**Caution!**  
Not suitable for Berker central plates.  
For centre plate according to DIN 49075

– for centre plate of third-party manufacturers with external dimension 50 x 50 mm

Suitable for 50 x 50 mm centre plate for RCD protection switch      Order no.      Page page 142

Design	Order no.	PU
white glossy	<b>1109 90 82</b>	10
polar white glossy	<b>1109 90 89</b>	10
polar white matt	<b>1109 19 19</b>	10
anthracite matt	<b>1109 16 16</b>	10
aluminium matt, lacquered	<b>1109 14 14</b>	10

**Covers Audio**

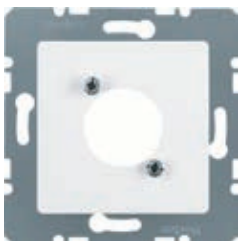


**Centre plate for loudspeaker socket outlet**

- 1 knock out opening

Design	Order no.	PU
white glossy	<b>1196 89 82</b>	10
polar white glossy	<b>1196 89 89</b>	10
polar white matt	<b>1196 19 09</b>	10
anthracite matt	<b>1196 16 06</b>	10
aluminium matt, lacquered	<b>1196 14 04</b>	10

Suitable for	Order no.	Page
Loudspeaker socket outlet High End	4505 02	123
Entry for small connector	4505	123



**Central plate for XLR D-series connector**

Cut-out Ø 23.6 mm

- with supporting plate
- without spreader claws
- speakon and jack connector

**Caution!**  
Use only with intermediate ring for central plate from the corresponding range.  
For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

Design	Order no.	PU
white glossy	<b>1412 02</b>	10
polar white glossy	<b>1412 09</b>	10
polar white matt/velvety	<b>1412 19 09</b>	10
anthracite matt	<b>1412 16 06</b>	10
aluminium matt, lacquered	<b>1412 14 04</b>	10

Suitable for	Order no.	Page
Intermediate rings		page 162

**Video socket outlets**



**VGA socket outlet**

Frequency range video max. 160 MHz  
Resolution max. 1280 x 1024 px

- with 15pole D-subminiature double jack
- with 15pole D-subminiature jack (front)
- S-VGA compatible

Design	Order no.	PU
<b>with double jack</b>		
white glossy	<b>33 1540 89 82</b>	10
polar white glossy	<b>33 1540 89 89</b>	10
polar white matt	<b>33 1540 19 09</b>	10
anthracite matt	<b>33 1540 16 06</b>	10
aluminium matt, lacquered	<b>33 1540 14 04</b>	10
<b>back side, with screw-in lift terminals</b>		
polar white matt <sup>1)</sup>	<b>33 1541 19 09</b>	10
white glossy <sup>1)</sup>	<b>33 1541 89 82</b>	10
polar white glossy <sup>1)</sup>	<b>33 1541 89 89</b>	10
anthracite matt <sup>1)</sup>	<b>33 1541 16 06</b>	10
aluminium matt, lacquered <sup>1)</sup>	<b>33 1541 14 04</b>	10

<sup>1)</sup> for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm<sup>2</sup>



**Multimedia sockets**



**High definition socket outlet**

Transmission rate max. 8.16 GBit/s  
Resolution max. 1920 x 1080 px

- 19pole
- gold-plated contacts

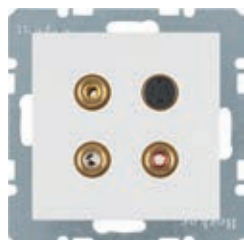
Design	Order no.	PU
<b>back side, with straight socket</b>		
white glossy	<b>33 1542 89 82</b>	1
polar white glossy	<b>33 1542 89 89</b>	1
polar white matt	<b>33 1542 19 09</b>	10
anthracite matt	<b>33 1542 16 06</b>	10
aluminium matt, lacquered	<b>33 1542 14 04</b>	10



S.1/B.3/B.7  
Built-in elements

**back side, with 90° angle socket**

white glossy	<b>33 1543 89 82</b>	10
polar white glossy	<b>33 1543 89 89</b>	10
polar white matt	<b>33 1543 19 09</b>	10
anthracite matt	<b>33 1543 16 06</b>	10
aluminium matt, lacquered	<b>33 1543 14 04</b>	10

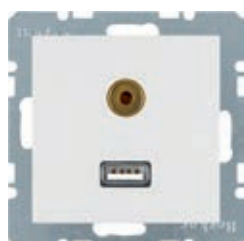


**3 x Cinch/S-Video socket outlet**

**i 467**

Frequency range audio	20 ... 20000 Hz	- 1 cinch double jack for video connection (yellow)
Frequency range video	max. 160 MHz	- 2 cinch double jacks for audio connection (red, white)
		- S-Video double jack
		- gold-plated contacts

Design	Order no.	PU
white glossy	<b>33 1532 89 82</b>	10
polar white glossy	<b>33 1532 89 89</b>	10
polar white matt	<b>33 1532 19 09</b>	10
anthracite matt	<b>33 1532 16 06</b>	10
aluminium matt, lacquered	<b>33 1532 14 04</b>	10



**USB/3.5 mm audio socket outlet**

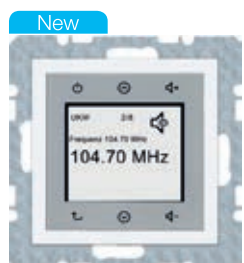
**i 467**

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	<b>33 1539 89 82</b>	10
polar white glossy	<b>33 1539 89 89</b>	10
polar white matt	<b>33 1539 19 09</b>	10
anthracite matt	<b>33 1539 16 06</b>	10
aluminium matt, lacquered	<b>33 1539 14 04</b>	10



**Consumer electronics**



**Berker Radio Touch**

Operating voltage	230 V~	- operation via sensor areas of the touch display
Frequency	50/60 Hz	- extension unit input for separate on/off switching
Conductor cross-section	max. 2.5 mm <sup>2</sup>	- illuminated touch graphics display
Dimensions of display (W x H)	35 x 28 mm	- time and date display
Insertion depth	33 mm	- with 2 loudspeaker connections
Frequency range (radio reception)	87.5 ... 108 MHz	- external audio input, e.g. for MP3 player or docking station
		- stereo FM radio with RDS display

At least one loudspeaker must be connected for operation.

Suitable for	Order no.	Page
Loudspeaker		page 164
Ceiling loudspeaker Ø 140 mm	WUZ6 71	130
Ceiling loudspeaker Ø 80 mm	WUZ6 72	131

Design	Order no.	PU
polar white glossy	<b>* 2884 89 89</b>	1
polar white matt	<b>* 2884 99 09</b>	1
anthracite matt	<b>* 2884 16 06</b>	1
aluminium matt, lacquered	<b>* 2884 14 04</b>	1



**Loudspeaker**

Impedance	4 Ω	- confectioned, with 2-core, double-insulated, flexible cable
Conductor cross-section (flexible)	0.5 mm <sup>2</sup>	
Pre-assembled cable	≈ 25 cm	
Insertion depth	35 mm	

Design	Order no.	PU
polar white glossy	<b>2882 89 89</b>	1
polar white matt	<b>2882 99 09</b>	1
anthracite matt	<b>* 2882 16 06</b>	1
aluminium matt, lacquered	<b>* 2882 14 04</b>	1
stainless steel matt, lacquered	<b>2882 89 16</b>	1



**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 53
LED lamp E10		page 53
Neon lamp E10		page 53
Push-button/pilot lamp E10, NO contact	5101 ..	51

Design	Order no.	PU
white glossy	<b>1124 89 82</b>	10
polar white glossy	<b>1124 89 89</b>	10
polar white matt	<b>1124 19 09</b>	10
anthracite matt	<b>1124 16 06</b>	10
aluminium matt, lacquered	<b>1124 14 04</b>	10



**Centre plate for pilot lamp E14**

Suitable for	Order no.	Page
Covers and push-buttons		page 53
LED lamp E14		page 53
Incandescent lamp E14		page 53
Pilot lamp E14	5131 02	52

Design	Order no.	PU
white glossy	<b>1198 89 82</b>	10
polar white glossy	<b>1198 89 89</b>	10
polar white matt	<b>1198 19 09</b>	10
anthracite matt	<b>1198 16 06</b>	10
aluminium matt, lacquered	<b>1198 14 04</b>	10

**LED signal lights**

New



**LED signal light, white lighting**

**i 451**

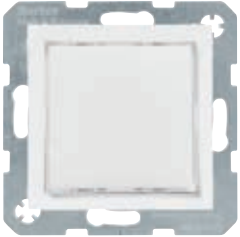
Rated voltage	230 V~	– Brightness modifiable via potentiometer
Frequency	50/60 Hz	– Light colour cold white
Power consumption	at 230 ~, 50 Hz - max. 1 W	– switchable via separate switch
Quantity LED lamps	4	– for signalling notices, information or warnings
Ambient temperature	-15 ... +40 °C	– Foils with imprint of symbols insertable
Conductor cross-section	2.5 mm <sup>2</sup>	


For installation in standard wall boxes according to DIN 49073-1

Suitable for optional	Order no.	Page
Foil for LED signal light		page 49

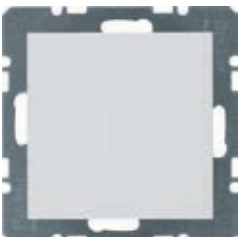
Design	Order no.	PU
white glossy	<b>* 2953 89 82</b>	1
polar white glossy	<b>* 2953 89 89</b>	1
polar white matt	<b>* 2953 19 09</b>	1
anthracite matt	<b>* 2953 16 06</b>	1
aluminium matt, lacquered	<b>* 2953 14 04</b>	1

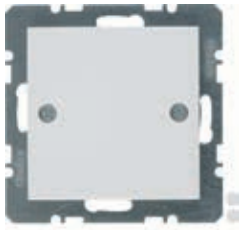


	<p><b>LED signal light, RGB</b></p> <p>Rated voltage 230 V~ Frequency 50/60 Hz Power consumption at 195 ... 265 V~, 50/60 Hz max. 2 W Quantity LED lamps 4 Ambient temperature -15 ... +40 °C Conductor cross-section 2.5 mm<sup>2</sup></p> <p>For installation in standard wall boxes according to DIN 49073-1</p>	<p>– Brightness modifiable via potentiometer – Light colours cold white, warm white, blue, orange, red, green, purple (magenta) and colour sequence callable via push-button – Colour sequence can be stopped at any position via the push-button. – colour is switchable via an external switch – for signalling notices, information or warnings – Foils with imprint of symbols insertable</p>	<p><b>i</b> 451</p>																							
<p>⊗</p>	<table border="0"> <thead> <tr> <th>Design</th> <th>Order no.</th> <th>PU</th> </tr> </thead> <tbody> <tr> <td>white glossy</td> <td>★ 2951 89 82</td> <td>1</td> </tr> <tr> <td>polar white glossy</td> <td>★ 2951 89 89</td> <td>1</td> </tr> <tr> <td>polar white matt</td> <td>★ 2951 19 09</td> <td>1</td> </tr> <tr> <td>anthracite matt</td> <td>★ 2951 16 06</td> <td>1</td> </tr> <tr> <td>aluminium matt, lacquered</td> <td>★ 2951 14 04</td> <td>1</td> </tr> </tbody> </table>	Design	Order no.	PU	white glossy	★ 2951 89 82	1	polar white glossy	★ 2951 89 89	1	polar white matt	★ 2951 19 09	1	anthracite matt	★ 2951 16 06	1	aluminium matt, lacquered	★ 2951 14 04	1	<table border="0"> <thead> <tr> <th>Suitable for optional</th> <th>Order no.</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Foil for LED signal light</td> <td></td> <td>page 49</td> </tr> </tbody> </table>	Suitable for optional	Order no.	Page	Foil for LED signal light		page 49
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Suitable for optional	Order no.	Page																								
Foil for LED signal light		page 49																								

	<p><b>LED signal light, red/green lighting</b></p> <p>Rated voltage 230 V~ Frequency 50/60 Hz Power consumption at 230 ~, 50 Hz - per colour max. 0.5 W Quantity LED lamps 4 Ambient temperature -15 ... +40 °C Conductor cross-section 2.5 mm<sup>2</sup></p> <p>For installation in standard wall boxes according to DIN 49073-1</p>	<p>– switchable between red and green via separate switches – for signalling of e.g. access control – Two coloured foils with imprinted symbols for Do not disturb/ Clean room and Please enter/ Please wait are supplied</p>	<p><b>i</b> 451</p>																				
<p>⊗<sup>2</sup></p>	<table border="0"> <thead> <tr> <th>Design</th> <th>Order no.</th> <th>PU</th> </tr> </thead> <tbody> <tr> <td>white glossy</td> <td>★ 2952 89 82</td> <td>1</td> </tr> <tr> <td>polar white glossy</td> <td>★ 2952 89 89</td> <td>1</td> </tr> <tr> <td>polar white matt</td> <td>★ 2952 19 09</td> <td>1</td> </tr> <tr> <td>anthracite matt</td> <td>★ 2952 16 06</td> <td>1</td> </tr> </tbody> </table>	Design	Order no.	PU	white glossy	★ 2952 89 82	1	polar white glossy	★ 2952 89 89	1	polar white matt	★ 2952 19 09	1	anthracite matt	★ 2952 16 06	1	<table border="0"> <thead> <tr> <th>Suitable for optional</th> <th>Order no.</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>Foil bi-colour for LED signal light</td> <td></td> <td>page 50</td> </tr> </tbody> </table>	Suitable for optional	Order no.	Page	Foil bi-colour for LED signal light		page 50
Design	Order no.	PU																					
white glossy	★ 2952 89 82	1																					
polar white glossy	★ 2952 89 89	1																					
polar white matt	★ 2952 19 09	1																					
anthracite matt	★ 2952 16 06	1																					
Suitable for optional	Order no.	Page																					
Foil bi-colour for LED signal light		page 50																					

## Supplementary products

	<p><b>Blind plug with centre plate</b></p> <p>– on supporting plate without cut-out – centre plate for plug-in fixing</p>																																								
<p>⊙</p>	<table border="0"> <thead> <tr> <th>Design</th> <th>Order no.</th> <th>PU</th> </tr> </thead> <tbody> <tr> <td><b>without spreader claws</b></td> <td></td> <td></td> </tr> <tr> <td>white glossy</td> <td>1009 89 82</td> <td>20</td> </tr> <tr> <td>polar white glossy</td> <td>1009 89 89</td> <td>20</td> </tr> <tr> <td>polar white matt</td> <td>1009 19 09</td> <td>20</td> </tr> <tr> <td>anthracite matt</td> <td>1009 16 06</td> <td>20</td> </tr> <tr> <td>aluminium matt, lacquered</td> <td>1009 14 04</td> <td>20</td> </tr> <tr> <td><b>with base and spreader claws</b></td> <td></td> <td></td> </tr> <tr> <td>white glossy</td> <td>67 1009 89 82</td> <td>10</td> </tr> <tr> <td>polar white glossy</td> <td>67 1009 89 89</td> <td>10</td> </tr> <tr> <td>polar white matt</td> <td>67 1009 19 09</td> <td>10</td> </tr> <tr> <td>anthracite matt</td> <td>67 1009 16 06</td> <td>10</td> </tr> <tr> <td>aluminium matt, lacquered</td> <td>67 1009 14 04</td> <td>10</td> </tr> </tbody> </table>	Design	Order no.	PU	<b>without spreader claws</b>			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	<b>with base and spreader claws</b>			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	
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**Blind plug with centre plate, screw-on**

- on supporting plate with large cut-out
- with cover plug for screw fitting
- without spreader claws
- space-saving for relays, etc.
- for customised cut-outs or holes when installing special solutions

Design	Order no.	PU
white glossy	<b>1009 89 12</b>	20
polar white glossy	<b>1009 89 19</b>	20
polar white matt	<b>1009 19 19</b>	20
anthracite matt	<b>1009 16 16</b>	20
aluminium matt, lacquered	<b>1009 14 14</b>	20



**Centre plate for cable outlet**

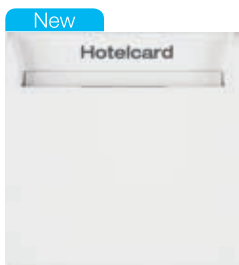
- with an outlet below

Design	Order no.	PU
white glossy	<b>1019 89 82</b>	10
polar white glossy	<b>1019 89 89</b>	10
polar white matt	<b>1019 19 09</b>	10
anthracite matt	<b>1019 16 06</b>	10
aluminium matt, lacquered	<b>1019 14 04</b>	10

Suitable for	Order no.	Page
Cable outlet	4470	116
Cable outlet with low installation depth	4468	116

**Hotel applications**



**Relay switch with centre plate for hotel card**

Rated voltage	230 V~ +10/-15 %	- with potentiometer for incremental adjustment of delay time
Frequency	50/60 Hz	- for illumination
Switching current	10 A /230 V AC1	- with potential-free contact
Power consumption	< 0.2 W	- with screw-in lift terminals
230 V incandescent lamps and halogen lamps	1500 W	- illuminated with blue LED if hotel card is not inserted
Electronic transformers	1500 W	
- in Duo circuit	1500 W	
Card width	max. 55 mm	
Operating temperature	-5 ... +50 °C	
Insertion depth	32 mm	
Screw terminals (max.)	2 x 2.5 mm <sup>2</sup>	
Fluorescent lamps:		
Inductive load at cos φ = 0.6	max. 6 A	
Card thickness	0.8 ... 1.2 mm	
Conventional transformers	1500 VA	
Compact fluorescent lamps	500 W	

Neutral conductor necessary!

Design	Order no.	PU
white glossy	<b>* 1640 89 92</b>	1
polar white glossy	<b>* 1640 89 99</b>	1
polar white matt	<b>* 1640 99 09</b>	1
anthracite matt	<b>* 1640 99 06</b>	1
aluminium matt, lacquered	<b>* 1640 89 84</b>	1

**Centre plates for hotel card switches**



**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!

- for push-button for hotel card

Suitable for  
Push-button for hotel card

Order no.

Page  
page 61

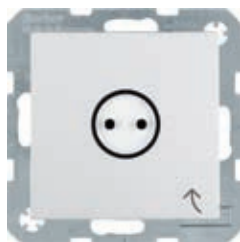
Design	Order no.	PU
white glossy	<b>1640 89 82</b>	10
polar white glossy	<b>1640 89 89</b>	10
polar white matt	<b>1640 19 09</b>	10
anthracite matt	<b>1640 16 06</b>	10
aluminium matt, lacquered	<b>1640 14 04</b>	10

**Accessible 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** 474

- tactile symbol



Rated voltage 250 V~  
Rated current 16 A  
Conductor cross-section 1 mm<sup>2</sup> ... 2.5 mm<sup>2</sup>

- with hinged cover that falls back
- with plug-in terminals

Connection terminals according to IEC 60884-1



Design	Order no.	PU
polar white matt	<b>4786 19 49</b>	10



**SCHUKO socket outlet with hinged cover for barrier-free construction**

**i** 474

- tactile symbol
- 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
- 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.

Connection terminals according to IEC 60884-1



Design	Order no.	PU
polar white matt	<b>4744 19 49</b>	10



**Rockers**



**Rocker for barrier-free construction**

- guide for mouth rod
- lens



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

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

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
polar white matt	<b>1661 19 49</b>	10



**Rocker for barrier-free construction**

- tactile light symbol
- red lens



Design  
polar white matt

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

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
polar white matt	<b>1651 19 49</b>	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

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Rocker push-buttons		page 20

Design	Order no.	PU
polar white matt	<b>1651 19 59</b>	10



**Rocker for barrier-free construction**

- tactile symbol for door opener
- red lens



Design  
polar white matt

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

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Rocker push-buttons		page 20

Design	Order no.	PU
polar white matt	<b>1651 19 69</b>	10

## Hospital installations

### Emergency system

– For installation in standard wall boxes according to DIN 49073-1



#### Emergency call set with frame

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

Set consisting of:  
- Pullcord push-button 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 DC
- centre plates for plug-in fixing
- with screw terminals
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- monitoring of devices triggering calls for wire break

Suitable for optional	Order no.	Page
Cancellation/presence button with frame	5205 ..	170
Cancellation button with frame	5201 ..	171
Pull button with frame	5202 ..	171
Light signal with frame	5203 ..	171
Mains adapter with frame	5204 ..	171
Call button with frame	5206 ..	170

Design	Order no.	PU
white glossy	<b>5200 89 82</b>	1
polar white glossy	<b>5200 89 89</b>	1
polar white matt	<b>5200 99 09</b>	1



#### Call button with frame

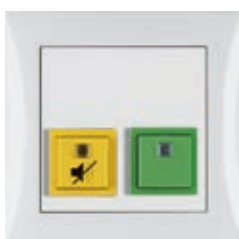
Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

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 ..	170

Design	Order no.	PU
white glossy	<b>5206 89 82</b>	1
polar white glossy	<b>5206 89 89</b>	1
polar white matt	<b>5206 99 09</b>	1



#### 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
- as expansion for the emergency call set
- centre plate for plug-in fixing
- with screw terminals
- with visual and acoustic alarm encoder

Suitable for	Order no.	Page
Emergency call set with frame	5200 ..	170

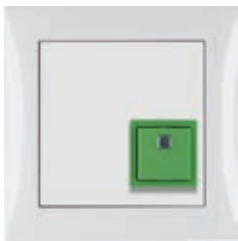
Design	Order no.	PU
white glossy	<b>5205 89 82</b>	1
polar white glossy	<b>5205 89 89</b>	1
polar white matt	<b>5205 99 09</b>	1



**Pull button with frame**

Operating voltage 24 V= - with quiet lamp  
 Operating temperature -5 ... +40 °C - centre plate for plug-in fixing  
 - for wall and ceiling mounting  
 To trigger an emergency call in emergency situations. - with screw terminals  
 - with pullcord and knob

Suitable for	Order no.	Page
Emergency call set with frame	5200 ..	170
Design	Order no.	PU
white glossy	<b>5202 89 82</b>	1
polar white glossy	<b>5202 89 89</b>	1
polar white matt	<b>5202 99 09</b>	1



**Cancellation button with frame**

Operating voltage 24 V= - with green shut-off button  
 Operating temperature -5 ... +40 °C - centre plate for plug-in fixing  
 - with screw terminals  
 To switch off the alarm signal (pilot lamp) on arrival at the emergency location.

Suitable for	Order no.	Page
Emergency call set with frame	5200 ..	170
Design	Order no.	PU
white glossy	<b>5201 89 82</b>	1
polar white glossy	<b>5201 89 89</b>	1
polar white matt	<b>5201 99 09</b>	1



**Light signal with frame**

Operating voltage 24 V= - centre plate for plug-in fixing  
 Operating temperature -5 ... +40 °C - call tone received on voltage failure and return  
 - with potential-free relay contact for call tone forwarding, e.g. to telephone dialler  
 For visual and acoustic alarms in emergency situations. - with screw terminals  
 Caution: - acoustic call tone switchable on pilot lamp  
 Always install the device in a clearly visible location. - call tone can be set as continuous signal or as pulses  
 Recommendation: use deep box. - with 4 red LEDs

Suitable for	Order no.	Page
Emergency call set with frame	5200 ..	170
Design	Order no.	PU
white glossy	<b>5203 89 82</b>	1
polar white glossy	<b>5203 89 89</b>	1
polar white matt	<b>5203 99 09</b>	1



**Mains adapter with frame**

Operating voltage 24 V= - centre plate for plug-in fixing  
 Frequency 50 ... 60 Hz - with screw terminals  
 Input voltage 100 ... 240 V~  
 Input current max. 180 mA  
 Output voltage 24 V=  
 Output current max. 250 mA  
 Operating temperature -5 ... +40 °C

Suitable for	Order no.	Page
Emergency call set with frame	5200 ..	170

For the power supply of the emergency call system components with 24 V DC.  
 Recommendation: use deep box.

Design	Order no.	PU
white glossy	<b>5204 89 82</b>	1
polar white matt	<b>5204 99 09</b>	1
polar white glossy	<b>5204 89 89</b>	1



**Central plates for hospital installation**



**Central plate for socket outlet  
for equipotential bonding**

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**  
Intermediate rings  
Socket outlet for floating output

**Order no.**  
1061

**Page**  
page 162  
64

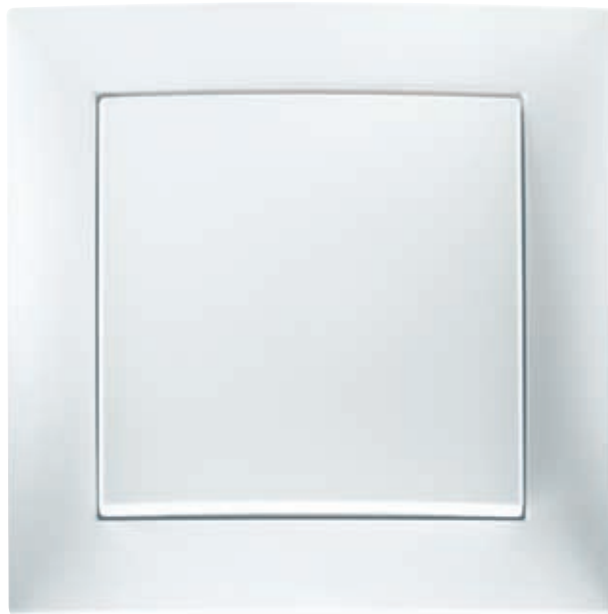
Design	Order no.	PU
white glossy	<b>1403 02</b>	10
polar white glossy	<b>1403 09</b>	10
polar white matt/velvety	<b>1403 19 09</b>	10
anthracite matt	<b>1403 16 06</b>	10
aluminium matt, lacquered	<b>1403 14 04</b>	10



# 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

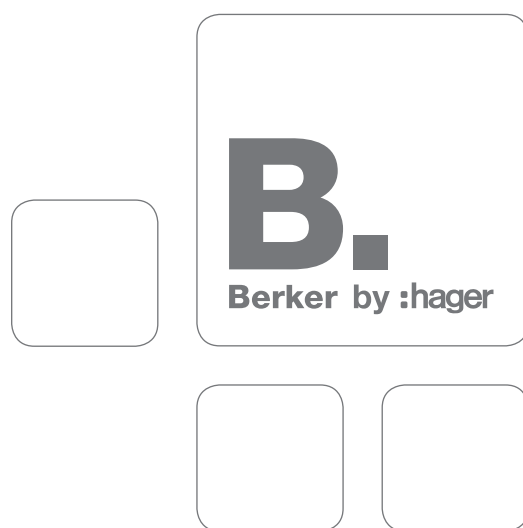
Plastic, glossy  
white similar to RAL 1013  
polar white similar to RAL 9010

Frames 176

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Surface-mounted housings 179

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## Frames



<b>Frame</b>		<b>i 478</b>
	– for vertical and horizontal mounting	
Design	Order no.	PU
white glossy, 1gang	<b>1011 89 82</b>	10
white glossy, 2gang	<b>1012 89 82</b>	10
white glossy, 3gang	<b>1013 89 82</b>	10
white glossy, 4gang	<b>1014 89 82</b>	2
white glossy, 5gang	<b>1015 89 82</b>	2



<b>Frame</b>		<b>i 478</b>
	– for vertical and horizontal mounting	
Design	Order no.	PU
polar white glossy, 1gang	<b>1011 89 89</b>	10
polar white glossy, 2gang	<b>1012 89 89</b>	10
polar white glossy, 3gang	<b>1013 89 89</b>	10
polar white glossy, 4gang	<b>1014 89 89</b>	2
polar white glossy, 5gang	<b>1015 89 89</b>	2
polar white matt, 1gang	<b>1011 99 09</b>	10
polar white matt, 2gang	<b>1012 99 09</b>	10
polar white matt, 3gang	<b>1013 99 09</b>	10
polar white matt, 4gang	<b>1014 99 09</b>	10
polar white matt, 5gang	<b>1015 99 09</b>	2



<b>Frame</b>		<b>i 478</b>
	– for vertical and horizontal mounting	
Design	Order no.	PU
anthracite matt, 1gang	<b>1011 99 49</b>	10
anthracite matt, 2gang	<b>1012 99 49</b>	10
anthracite matt, 3gang	<b>1013 99 49</b>	10
anthracite matt, 4gang	<b>1014 99 49</b>	2
anthracite matt, 5gang	<b>1015 99 49</b>	2



<b>Frame</b>		<b>i 478</b>
	– for vertical and horizontal mounting	
Design	Order no.	PU
aluminium matt, 1gang	<b>1011 99 39</b>	10
aluminium matt, 2gang	<b>1012 99 39</b>	10
aluminium matt, 3gang	<b>1013 99 39</b>	10
aluminium matt, 4gang	<b>1014 99 39</b>	2
aluminium matt, 5gang	<b>1015 99 39</b>	2



<b>Frame</b>		<b>i 478</b>
	– for emphasising special switches, socket outlets, etc.	
	– for vertical and horizontal mounting	
Design	Order no.	PU
red glossy, 1gang	<b>1011 89 62</b>	10
red glossy, 2gang	<b>1012 89 62</b>	2
red glossy, 3gang	<b>1013 89 62</b>	2
red glossy, 4gang	<b>1014 89 62</b>	2
red glossy, 5gang	<b>1015 89 62</b>	2



**Frame**

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy, 1gang	<b>1011 89 12</b>	10
white glossy, 2gang vertical	<b>1012 89 12</b>	10
white glossy, 3gang vertical	<b>1013 89 12</b>	10
white glossy, 2gang horizontal	<b>1022 89 12</b>	10
white glossy, 3gang horizontal	<b>1023 89 12</b>	10



**Frame**

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white glossy, 1gang	<b>1011 89 19</b>	10
polar white glossy, 2gang vertical	<b>1012 89 19</b>	10
polar white glossy, 3gang vertical	<b>1013 89 19</b>	10
polar white glossy, 2gang horizontal	<b>1022 89 19</b>	10
polar white glossy, 3gang horizontal	<b>1023 89 19</b>	10
polar white matt, 1gang	<b>1011 99 19</b>	10
polar white matt, 2gang vertical	<b>1012 99 19</b>	10
polar white matt, 3gang vertical	<b>1013 99 19</b>	10
polar white matt, 2gang horizontal	<b>1022 99 19</b>	10
polar white matt, 3gang horizontal	<b>1023 99 19</b>	10



**Frame**

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
anthracite matt, 1gang	<b>1011 99 69</b>	10
anthracite matt, 2gang vertical	<b>1012 99 69</b>	10
anthracite matt, 3gang vertical	<b>1013 99 69</b>	10
anthracite matt, 2gang horizontal	<b>1022 99 69</b>	10
anthracite matt, 3gang horizontal	<b>1023 99 69</b>	10



**Frame**

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
aluminium matt, 1gang	<b>1011 99 59</b>	10
aluminium matt, 2gang vertical	<b>1012 99 59</b>	10
aluminium matt, 3gang vertical	<b>1013 99 59</b>	10
aluminium matt, 2gang horizontal	<b>1022 99 59</b>	10
aluminium matt, 3gang horizontal	<b>1023 99 59</b>	10

**Frames with large cut-out**

- For vertical mounting
- Not suitable for surface-mounted housing.



**Frame with large cut-out**

**i 478**

Design	Order no.	PU
white glossy	<b>1309 89 82</b>	10



**Frame with large cut-out**

**i 478**

Design	Order no.	PU
polar white glossy	<b>1309 89 89</b>	10
polar white matt	<b>1309 99 09</b>	10



**Frame with large cut-out**

**i 478**

Design	Order no.	PU
anthracite matt	<b>1309 99 49</b>	10



**Frame with large cut-out**

**i 478**

Design	Order no.	PU
aluminium matt	<b>1309 99 39</b>	10

## Surface-mounted housings



### Housing surface-mounted

Insertion depth

37 mm

- entry at top and bottom possible
- with cable and duct entry
- for mounting on combustible base surface
- for vertical and horizontal mounting

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter Dry surface-mounted installation.

Suitable for optional Entries/connectors

Order no.

Page

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Design	Order no.	PU
white glossy, 1gang	<b>1041 89 82</b>	10
white glossy, 2gang	<b>1042 89 82</b>	5
white glossy, 3gang	<b>1043 89 82</b>	5
polar white glossy, 1gang	<b>1041 89 89</b>	10
polar white glossy, 2gang	<b>1042 89 89</b>	5
polar white glossy, 3gang	<b>1043 89 89</b>	5
polar white matt, 1gang	<b>1041 99 09</b>	10
polar white matt, 2gang	<b>1042 99 09</b>	5
polar white matt, 3gang	<b>1043 99 09</b>	5
anthracite matt, 1gang	<b>1041 99 49</b>	10
anthracite matt, 2gang	<b>1042 99 49</b>	5
anthracite matt, 3gang	<b>1043 99 49</b>	5
aluminium matt, 1gang	<b>1041 99 39</b>	10
aluminium matt, 2gang	<b>1042 99 39</b>	5
aluminium matt, 3gang	<b>1043 99 39</b>	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.



## 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

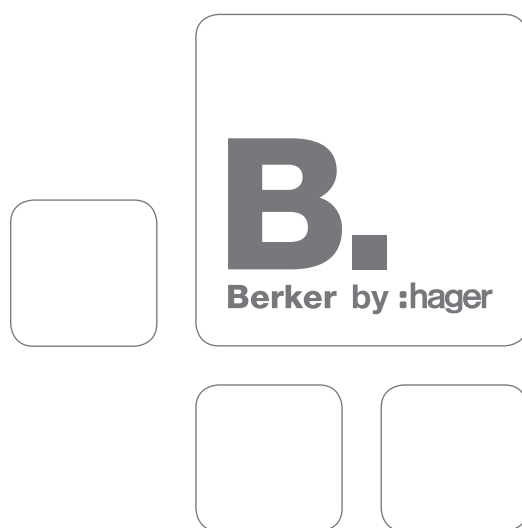
Plastic, matt lacquered  
anthracite similar to RAL 7021  
polar white similar to RAL 9010  
  
Plastic, glossy  
polar white similar to RAL 9010

Frames 182

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Surface-mounted housings 185

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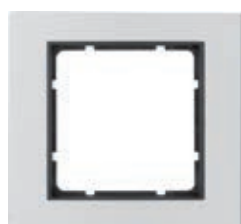


**Frames**

- For vertical and horizontal mounting
- Metal, aluminum profile



Design	Order no.	PU
Aluminium/polar white matt, aluminium anodised, 1gang	<b>1011 39 04</b>	10
Aluminium/polar white matt, aluminium anodised, 2gang	<b>1012 39 04</b>	10
Aluminium/polar white matt, aluminium anodised, 3gang	<b>1013 39 04</b>	10
Aluminium/polar white matt, aluminium anodised, 4gang	<b>1014 39 04</b>	2
Aluminium/polar white matt, aluminium anodised, 5gang	<b>1015 39 04</b>	2



Design	Order no.	PU
aluminium/anthracite matt, aluminium anodised, 1gang	<b>1011 30 04</b>	10
aluminium/anthracite matt, aluminium anodised, 2gang	<b>1012 30 04</b>	10
aluminium/anthracite matt, aluminium anodised, 3gang	<b>1013 30 04</b>	10
aluminium/anthracite matt, aluminium anodised, 4gang	<b>1014 30 04</b>	2
aluminium/anthracite matt, aluminium anodised, 5gang	<b>1015 30 04</b>	2



Design	Order no.	PU
Aluminium black/polar white matt, aluminium anodised, 1gang	<b>1011 30 25</b>	10
Aluminium black/polar white matt, aluminium anodised, 2gang	<b>1012 30 25</b>	10
Aluminium black/polar white matt, aluminium anodised, 3gang	<b>1013 30 25</b>	10
Aluminium black/polar white matt, aluminium anodised, 4gang	<b>1014 30 25</b>	2
Aluminium black/polar white matt, aluminium anodised, 5gang	<b>1015 30 25</b>	2



Design	Order no.	PU
Aluminium black/anthracite matt, aluminium anodised, 1gang	<b>1011 30 05</b>	10
Aluminium black/anthracite matt, aluminium anodised, 2gang	<b>1012 30 05</b>	10
Aluminium black/anthracite matt, aluminium anodised, 3gang	<b>1013 30 05</b>	10
Aluminium black/anthracite matt, aluminium anodised, 4gang	<b>1014 30 05</b>	2
Aluminium black/anthracite matt, aluminium anodised, 5gang	<b>1015 30 05</b>	2

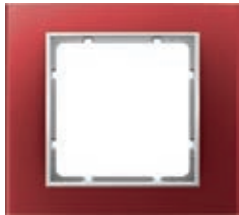


Design	Order no.	PU
Aluminium brown/polar white matt, aluminium anodised, 1gang	<b>1011 30 21</b>	10
Aluminium brown/polar white matt, aluminium anodised, 2gang	<b>1012 30 21</b>	10
Aluminium brown/polar white matt, aluminium anodised, 3gang	<b>1013 30 21</b>	10
Aluminium brown/polar white matt, aluminium anodised, 4gang	<b>1014 30 21</b>	2
Aluminium brown/polar white matt, aluminium anodised, 5gang	<b>1015 30 21</b>	2





<b>Frame</b>		<b>i</b>	<b>478</b>
Design	Order no.		PU
Aluminium brown/anthracite matt, aluminium anodised, 1gang	<b>1011 30 01</b>		10
Aluminium brown/anthracite matt, aluminium anodised, 2gang	<b>1012 30 01</b>		10
Aluminium brown/anthracite matt, aluminium anodised, 3gang	<b>1013 30 01</b>		10
Aluminium brown/anthracite matt, aluminium anodised, 4gang	<b>1014 30 01</b>		2
Aluminium brown/anthracite matt, aluminium anodised, 5gang	<b>1015 30 01</b>		2



<b>Frame</b>		<b>i</b>	<b>478</b>
Design	Order no.		PU
Aluminium red/polar white matt, aluminium anodised, 1gang	<b>1011 30 22</b>		10
Aluminium red/polar white matt, aluminium anodised, 2gang	<b>1012 30 22</b>		10
Aluminium red/polar white matt, aluminium anodised, 3gang	<b>1013 30 22</b>		10
Aluminium red/polar white matt, aluminium anodised, 4gang	<b>1014 30 22</b>		2
Aluminium red/polar white matt, aluminium anodised, 5gang	<b>1015 30 22</b>		2



<b>Frame</b>		<b>i</b>	<b>478</b>
Design	Order no.		PU
Aluminium red/anthracite matt, aluminium anodised, 1gang	<b>1011 30 12</b>		10
Aluminium red/anthracite matt, aluminium anodised, 2gang	<b>1012 30 12</b>		10
Aluminium red/anthracite matt, aluminium anodised, 3gang	<b>1013 30 12</b>		10
Aluminium red/anthracite matt, aluminium anodised, 4gang	<b>1014 30 12</b>		2
Aluminium red/anthracite matt, aluminium anodised, 5gang	<b>1015 30 12</b>		2




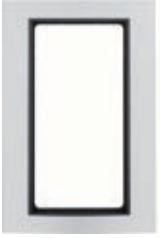




<b>Frame</b>		<b>i</b>	<b>478</b>
Design	Order no.		PU
Aluminium gold/polar white matt, aluminium anodised, 1gang	<b>1011 30 46</b>		10
Aluminium gold/polar white matt, aluminium anodised, 2gang	<b>1012 30 46</b>		10
Aluminium gold/polar white matt, aluminium anodised, 3gang	<b>1013 30 46</b>		10
Aluminium gold/polar white matt, aluminium anodised, 4gang	<b>1014 30 46</b>		2
Aluminium gold/polar white matt, aluminium anodised, 5gang	<b>1015 30 46</b>		2



<b>Frame</b>		<b>i</b>	<b>478</b>
Design	Order no.		PU
Aluminium gold/anthracite matt, aluminium anodised, 1gang	<b>1011 30 16</b>		10
Aluminium gold/anthracite matt, aluminium anodised, 2gang	<b>1012 30 16</b>		10
Aluminium gold/anthracite matt, aluminium anodised, 3gang	<b>1013 30 16</b>		10
Aluminium gold/anthracite matt, aluminium anodised, 4gang	<b>1014 30 16</b>		2
Aluminium gold/anthracite matt, aluminium anodised, 5gang	<b>1015 30 16</b>		2

**Frames with large cut-out**

- For vertical mounting
- Metal, aluminum profile
- Not suitable for surface-mounted housing.

	<b>Frame with large cut-out</b>	<b>i</b>	<b>478</b>
Design	Order no.	PU	
Aluminium/polar white matt, aluminium anodised	<b>1309 39 04</b>	1	
	<b>Frame with large cut-out</b>	<b>i</b>	<b>478</b>
Design	Order no.	PU	
aluminium/anthracite matt, aluminium anodised	<b>1309 30 04</b>	1	
	<b>Frame with large cut-out</b>	<b>i</b>	<b>478</b>
Design	Order no.	PU	
Aluminium black/polar white matt, aluminium anodised	<b>1309 30 25</b>	1	
	<b>Frame with large cut-out</b>	<b>i</b>	<b>478</b>
Design	Order no.	PU	
Aluminium black/anthracite matt, aluminium anodised	<b>1309 30 05</b>	1	
	<b>Frame with large cut-out</b>	<b>i</b>	<b>478</b>
Design	Order no.	PU	
Aluminium brown/polar white matt, aluminium anodised	<b>1309 30 21</b>	1	
	<b>Frame with large cut-out</b>	<b>i</b>	<b>478</b>
Design	Order no.	PU	
Aluminium brown/anthracite matt, aluminium anodised	<b>1309 30 01</b>	1	



**Frame with large cut-out**

**i 478**

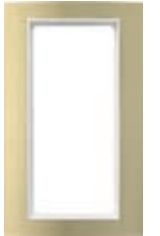
Design	Order no.	PU
Aluminium red/polar white matt, aluminium anodised	<b>1309 30 22</b>	1



**Frame with large cut-out**

**i 478**

Design	Order no.	PU
Aluminium red/anthracite matt, aluminium anodised	<b>1309 30 12</b>	1



**Frame with large cut-out**

**i 478**

Design	Order no.	PU
Aluminium gold/polar white matt, aluminium anodised	<b>1309 30 46</b>	1



**Frame with large cut-out**

**i 478**

Design	Order no.	PU
Aluminium gold/anthracite matt, aluminium anodised	<b>1309 30 16</b>	1

S.1/B.3/B.7  
Frames

## Surface-mounted housings



### Housing surface-mounted

Insertion depth 37 mm – entry at top and bottom possible  
 – with cable and duct entry  
 – for mounting on combustible base surface

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.  
 For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter Dry surface-mounted installation.

Suitable for optional Entries/connectors	Order no.	Page
		page 410

Design	Order no.	PU
polar white matt, 1gang	<b>1041 19 09</b>	10
polar white matt, 2gang vertical	<b>1042 19 09</b>	5
polar white matt, 3gang vertical	<b>1043 19 09</b>	5
anthracite matt, 1gang	<b>1041 16 06</b>	10
anthracite matt, 2gang vertical	<b>1042 16 06</b>	5
anthracite matt, 3gang vertical	<b>1043 16 06</b>	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

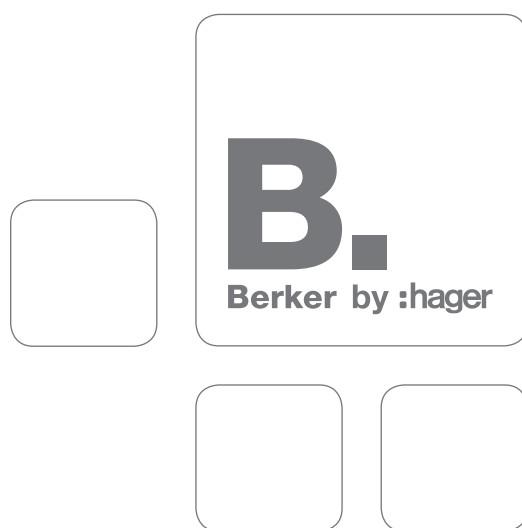
Plastic, matt	
polar white	similar to RAL 9010
anthracite	similar to RAL 7021
aluminium, lacquered	similar to RAL 9006

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



## Frames

- Not suitable for surface-mounted housing
- For vertical and horizontal mounting



Design	Order no.	PU
<b>i 478</b>		
	- plastic	
polar white matt, 1gang	<b>1011 69 19</b>	10
polar white matt, 2gang	<b>1012 69 19</b>	5
polar white matt, 3gang	<b>1013 69 19</b>	5
polar white matt, 4gang	<b>1014 69 19</b>	1
polar white matt, 5gang	<b>1015 69 19</b>	1



Design	Order no.	PU
<b>i 478</b>		
	- plastic	
anthracite matt, 1gang	<b>1011 66 26</b>	10
anthracite matt, 2gang	<b>1012 66 26</b>	5
anthracite matt, 3gang	<b>1013 66 26</b>	5
anthracite matt, 4gang	<b>1014 66 26</b>	1
anthracite matt, 5gang	<b>1015 66 26</b>	1



Design	Order no.	PU
<b>i 478</b>		
	- plastic	
aluminium matt, lacquered, 1gang	<b>1011 64 24</b>	10
aluminium matt, lacquered, 2gang	<b>1012 64 24</b>	5
aluminium matt, lacquered, 3gang	<b>1013 64 24</b>	5
aluminium matt, lacquered, 4gang	<b>1014 64 24</b>	1
aluminium matt, lacquered, 5gang	<b>1015 64 24</b>	1



Design	Order no.	PU
<b>i 478</b>		
	- metal, anodised aluminium	
Aluminium/polar white matt, aluminium anodised, 1gang	<b>1011 69 14</b>	10
Aluminium/polar white matt, aluminium anodised, 2gang	<b>1012 69 14</b>	5
Aluminium/polar white matt, aluminium anodised, 3gang	<b>1013 69 14</b>	5
Aluminium/polar white matt, aluminium anodised, 4gang	<b>1014 69 14</b>	1
Aluminium/polar white matt, aluminium anodised, 5gang	<b>1015 69 14</b>	1



Design	Order no.	PU
<b>i 478</b>		
	- metal, anodised aluminium	
aluminium/anthracite matt, aluminium anodised, 1gang	<b>1011 69 04</b>	10
aluminium/anthracite matt, aluminium anodised, 2gang	<b>1012 69 04</b>	5
aluminium/anthracite matt, aluminium anodised, 3gang	<b>1013 69 04</b>	5
aluminium/anthracite matt, aluminium anodised, 4gang	<b>1014 69 04</b>	1
aluminium/anthracite matt, aluminium anodised, 5gang	<b>1015 69 04</b>	1



<b>Frame</b>		<b>i</b>	<b>478</b>
	- metal, stainless steel, brushed		
Design	Order no.		PU
Stainless steel/polar white matt, metal brushed, 1gang	<b>1011 36 09</b>		10
Stainless steel/polar white matt, metal brushed, 2gang vertical	<b>1012 36 09</b>		5
Stainless steel/polar white matt, metal brushed, 3gang vertical	<b>1013 36 09</b>		5
Stainless steel/polar white matt, metal brushed, 4gang vertical	<b>1014 36 09</b>		1
Stainless steel/polar white matt, metal brushed, 5gang vertical	<b>1015 36 09</b>		1
Stainless steel/polar white matt, metal brushed, 2gang horizontal	<b>1022 36 09</b>		5
Stainless steel/polar white matt, metal brushed, 3gang horizontal	<b>1023 36 09</b>		5
Stainless steel/polar white matt, metal brushed, 4gang horizontal	<b>1024 36 09</b>		1
Stainless steel/polar white matt, metal brushed, 5gang horizontal	<b>1025 36 09</b>		1



<b>Frame</b>		<b>i</b>	<b>478</b>
	- metal, stainless steel, brushed		
Design	Order no.		PU
Stainless steel/anthracite matt, metal brushed, 1gang	<b>1011 36 06</b>		10
Stainless steel/anthracite matt, metal brushed, 2gang vertical	<b>1012 36 06</b>		5
Stainless steel/anthracite matt, metal brushed, 3gang vertical	<b>1013 36 06</b>		5
Stainless steel/anthracite matt, metal brushed, 4gang vertical	<b>1014 36 06</b>		1
Stainless steel/anthracite matt, metal brushed, 5gang vertical	<b>1015 36 06</b>		1
Stainless steel/anthracite matt, metal brushed, 2gang horizontal	<b>1022 36 06</b>		5
Stainless steel/anthracite matt, metal brushed, 3gang horizontal	<b>1023 36 06</b>		5
Stainless steel/anthracite matt, metal brushed, 4gang horizontal	<b>1024 36 06</b>		1
Stainless steel/anthracite matt, metal brushed, 5gang horizontal	<b>1025 36 06</b>		1



<b>Frame</b>		<b>i</b>	<b>478</b>
	- toughened glass		
Design	Order no.		PU
glass polar white/polar white matt, 1gang	<b>1011 69 09</b>		10
glass polar white/polar white matt, 2gang	<b>1012 69 09</b>		5
glass polar white/polar white matt, 3gang	<b>1013 69 09</b>		5
glass polar white/polar white matt, 4gang	<b>1014 69 09</b>		1
glass polar white/polar white matt, 5gang	<b>1015 69 09</b>		1



<b>Frame</b>		<b>i</b>	<b>478</b>
	- toughened glass		
Design	Order no.		PU
glass black/anthracite matt, 1gang	<b>1011 66 16</b>		10
glass black/anthracite matt, 2gang	<b>1012 66 16</b>		5
glass black/anthracite matt, 3gang	<b>1013 66 16</b>		5
glass black/anthracite matt, 4gang	<b>1014 66 16</b>		1
glass black/anthracite matt, 5gang	<b>1015 66 16</b>		1



**Frame**

- toughened glass

**i 478**

Design	Order no.	PU
glass aluminium/aluminium matt, lacquered, 1gang	<b>1011 64 14</b>	10
glass aluminium/aluminium matt, lacquered, 2gang	<b>1012 64 14</b>	5
glass aluminium/aluminium matt, lacquered, 3gang	<b>1013 64 14</b>	5
glass aluminium/aluminium matt, lacquered, 4gang	<b>1014 64 14</b>	1
glass aluminium/aluminium matt, lacquered, 5gang	<b>1015 64 14</b>	1

**Frames with large cut-out**

- For vertical mounting
- Not suitable for surface-mounted housing.



**Frame with large cut-out**

- plastic

**i 478**

Design	Order no.	PU
polar white matt, lacquered	<b>1309 69 19</b>	2



**Frame with large cut-out**

- plastic

**i 478**

Design	Order no.	PU
anthracite matt, lacquered	<b>1309 66 26</b>	2



**Frame with large cut-out**

- plastic

**i 478**

Design	Order no.	PU
aluminium matt, lacquered	<b>1309 64 24</b>	2



**Frame with large cut-out**

- metal, aluminum profile anodized

**i 478**

Design	Order no.	PU
Aluminium/polar white matt, aluminium anodised	<b>1309 69 14</b>	2



**Frame with large cut-out**

- metal, aluminum profile anodized

**i 478**

Design	Order no.	PU
aluminium/anthracite matt, aluminium anodised	<b>1309 69 04</b>	2





**Frame with large cut-out**

**i** 478  
- stainless steel surface, brushed transversely

Design	Order no.	PU
Stainless steel/polar white matt, metal brushed	<b>1309 36 09</b>	2



**Frame with large cut-out**

**i** 478  
- stainless steel surface, brushed transversely

Design	Order no.	PU
Stainless steel/anthracite matt, metal brushed	<b>1309 36 06</b>	2



**Glass frame with large cut-out**

**i** 478  
- toughened glass

Design	Order no.	PU
glass polar white/polar white matt	<b>1309 69 09</b>	2



**Glass frame with large cut-out**

**i** 478  
- toughened glass

Design	Order no.	PU
glass black/anthracite matt	<b>1309 66 16</b>	2



**Glass frame with large cut-out**

**i** 478  
- toughened glass

Design	Order no.	PU
glass aluminium/aluminium matt, lacquered	<b>1309 64 14</b>	2

# 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, velvety

white

polar white

anthracite

red

green

orange

similar to RAL 1013

similar to RAL 9010

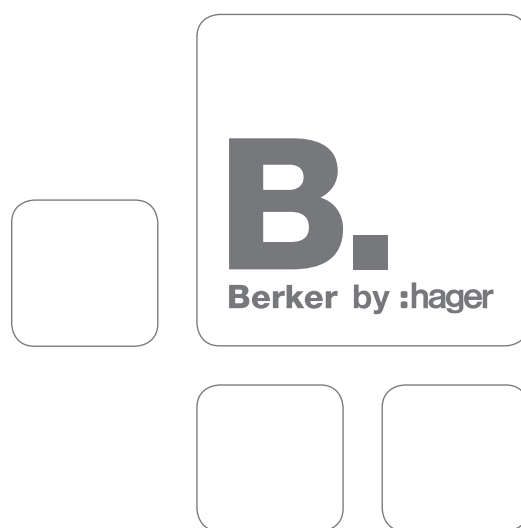
similar to RAL 7021

similar to RAL 3003

similar to RAL 6029

similar to RAL 2003

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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

**New** **SCHUKO socket outlet** **i** 474

Rated voltage 250 V~ - with plug-in terminals  
Rated current 16 A




Design	Order no.	PU
white velvety	* 4743 60 82	10
polar white velvety	4743 60 89	10
anthracite velvety, lacquered	4743 60 86	10




**New** **SCHUKO socket outlet** **i** 474


- enhanced contact protection - with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A




Design	Order no.	PU
white velvety	* 4723 60 82	10
polar white velvety	4723 60 89	10
anthracite velvety, lacquered	4723 60 86	10




**New** **SCHUKO socket outlet** **i** 474


- screw-in lift terminals - with screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A  
Insertion depth 32 mm




Design	Order no.	PU
white velvety	* 4143 60 82	10
polar white velvety	4143 60 89	10
anthracite velvety, lacquered	4143 60 86	10





**New** **SCHUKO socket outlet** **i** 474


- enhanced contact protection - with screw-in lift terminals  
- screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A


Design	Order no.	PU
white velvety	* 4123 60 82	10
polar white velvety	4123 60 89	10
anthracite velvety, lacquered	4123 60 86	10




**New** **SCHUKO socket outlet 45°** **i** 474

Rated voltage 250 V~ - for diagonal installation  
 Rated current 16 A - with plug-in terminals

Specially suited to combinations of several socket outlets if right angle plugs are used.




Design	Order no.	PU
white velvety	* 4727 60 82	10
polar white velvety	4727 60 89	10
anthracite velvety, lacquered	4727 60 86	10



**New** **SCHUKO socket outlet** **i** 474


- 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 velvety	* 4750 60 82	10
polar white velvety	4750 60 89	10
anthracite velvety, lacquered	4750 60 86	10



**New** **SCHUKO socket outlet** **i** 474


- labelling field - with plug-in terminals  
 - enhanced contact protection



Rated voltage 250 V~  
 Rated current 16 A


Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white velvety	* 4749 60 82	10
polar white velvety	4749 60 89	10
anthracite velvety, lacquered	4749 60 86	10



**New** **SCHUKO socket outlet** **i** 474


- labelling field - with screw-in lift terminals  
 - enhanced contact protection  
 - screw-in lift terminals



Rated voltage 250 V~  
 Rated current 16 A  
 Insertion depth 32 mm

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white velvety	* 4149 60 82	10
polar white velvety	4149 60 89	10
anthracite velvety, lacquered	4149 60 86	10



New



**SCHUKO socket outlet with LED orientation light**

**i** 474

- 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
Light intensity (white)	0.2 cd
Switch-on brightness	ca. 2 lx
Switch-off brightness	ca. 4 lx
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>

- 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
- with screw-in lift terminals
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting

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 velvety	★ 4109 60 82	10
polar white velvety	4109 60 89	10
anthracite velvety, lacquered	4109 60 86	10



New



**SCHUKO socket outlet with control LED**

**i** 474

- labelling field
- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A

- with screw-in lift terminals

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white velvety	★ 4110 60 82	10
polar white velvety	4110 60 89	10
anthracite velvety, lacquered	4110 60 86	10



New



**Double SCHUKO socket outlet with cover plate**

**i** 474

- 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 DIN 49073-1

Design	Order no.	PU
white velvety	★ 4729 60 82	10
polar white velvety	4729 60 89	10
anthracite velvety, lacquered	4729 60 86	10



New



**Combination SCHUKO socket outlet 2gang with frame**

**i 474**

- |               |        |                            |
|---------------|--------|----------------------------|
| Rated voltage | 250 V~ | - without spreader claws   |
| Rated current | 16 A   | - with plug-in terminals   |
|               |        | - 2 x 1gang, wired-through |

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
<b>Berker Q.1</b>		
white velvety	* 4720 60 82	5
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 474**

- |               |        |                                     |
|---------------|--------|-------------------------------------|
| Rated voltage | 250 V~ | - with hinged cover that falls back |
| Rated current | 16 A   | - with imprint                      |
|               |        | - with plug-in terminals            |

Design	Order no.	PU
white velvety	* 4751 60 62	10
polar white velvety	4751 60 69	10
anthracite velvety, lacquered	4751 60 66	10



New



**SCHUKO socket outlet with hinged cover**

**i 474**

- |                               |  |                                     |
|-------------------------------|--|-------------------------------------|
| - enhanced contact protection |  | - with hinged cover that falls back |
|                               |  | - with imprint                      |
|                               |  | - with plug-in terminals            |

Rated voltage 250 V~  
Rated current 16 A

Design	Order no.	PU
white velvety	* 4751 60 72	10
polar white velvety	4751 60 79	10
anthracite velvety, lacquered	4751 60 76	10



New



**SCHUKO socket outlet with hinged cover**

**i 474**

- |                               |  |                                   |
|-------------------------------|--|-----------------------------------|
| - enhanced contact protection |  | - with self-closing hinged covers |
|                               |  | - with imprint                    |
|                               |  | - with plug-in terminals          |

Rated voltage 250 V~  
Rated current 16 A

Order no.	Page
Suitable for optional Sealing set for socket outlets/centre plates 1010 72 00	223


Design	Order no.	PU
white velvety	* 4751 60 82	10
polar white velvety	4751 60 89	10
anthracite velvety, lacquered	4751 60 86	10



Q.1/Q.3  
Built-in elements

**New** **SCHUKO socket outlet with hinged cover** **i** 474


- enhanced contact protection
- installation position variable in 45° steps
- with hinged cover that falls back
- 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
white velvety	* 4744 60 82	10
polar white velvety	4744 60 89	10
anthracite velvety, lacquered	4744 60 86	10



**SCHUKO socket outlet with hinged cover** **i** 474

- labelling field
- enhanced contact protection
- installation position variable in 45° steps
- with hinged cover that falls back
- 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.


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

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** 474

- labelling field
- enhanced contact protection
- with self-closing hinged covers
- with imprint
- 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 velvety	* 4752 60 82	10
polar white velvety	4752 60 89	10
anthracite velvety, lacquered	4752 60 86	10

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	223




**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** 474


- with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A

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**

- screw-in lift terminals

- with screw-in lift terminals

**i 474**



Rated voltage 250 V~  
Rated current 16 A  
Insertion depth 32 mm

Insert colour-coded.

Design	Order no.	PU
red velvety	<b>4143 60 12</b>	10
green velvety	<b>4143 60 13</b>	10
orange velvety	<b>4143 60 14</b>	10



**SCHUKO socket outlet with imprint**

Rated voltage 250 V~  
Rated current 16 A

- with plug-in terminals

**i 474**

Insert colour-coded.

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

Design	Order no.	PU
polar white velvety, imprint "EDV" in black	<b>4743 60 09</b>	10
polar white velvety, imprint "EDV" in red	<b>4743 60 79</b>	10
polar white velvety, imprint "SV" in green	<b>4743 60 39</b>	10
polar white velvety, imprint "ZSV" in orange	<b>4743 60 49</b>	10



**SCHUKO socket outlet with imprint**

Rated voltage 250 V~  
Rated current 16 A

- with plug-in terminals

**i 474**

Insert colour-coded.

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

Design	Order no.	PU
red velvety, imprint "EDV"	<b>4743 60 22</b>	10
green velvety, imprint "SV"	<b>4743 60 03</b>	10
orange velvety, imprint "ZSV"	<b>4743 60 07</b>	10



**SCHUKO socket outlet**

- labelling field

- with plug-in terminals

**i 474**



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	<b>4750 60 02</b>	10
green velvety	<b>4750 60 03</b>	10
orange velvety	<b>4750 60 07</b>	10





**SCHUKO socket outlet with imprint**

**i** 474

- 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"	<b>4750 60 15</b>	10
green velvety, imprint "SV"	<b>4750 60 13</b>	10
orange velvety, imprint "ZSV"	<b>4750 60 14</b>	10



**SCHUKO socket outlet with control LED and imprint**

**i** 474

- 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 according to VDE 0100-710

Design	Order no.	PU
red velvety, imprint "EDV"	<b>4110 60 15</b>	10
green velvety, imprint "SV"	<b>4110 60 13</b>	10
orange velvety, imprint "ZSV"	<b>4110 60 14</b>	10



**SCHUKO socket outlet with hinged cover and imprint**

**i** 474

Rated voltage 250 V~ - with hinged cover that falls back  
Rated current 16 A - with plug-in terminals

Design	Order no.	PU
polar white velvety, imprint "EDV" in red	<b>4751 60 59</b>	10
polar white velvety, imprint "SV" in green	<b>4751 60 39</b>	10
polar white velvety, imprint "ZSV" in orange	<b>4751 60 49</b>	10



**SCHUKO socket outlet with hinged cover and imprint**

**i** 474

- 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.

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 72 00	223

Design	Order no.	PU
polar white velvety, imprint "EDV" in red	<b>4752 60 59</b>	10
polar white velvety, imprint "SV" in green	<b>4752 60 39</b>	10
polar white velvety, imprint "ZSV" in orange	<b>4752 60 49</b>	10



## Flush-mounted safety devices

### SCHUKO socket outlets with safety device



#### SCHUKO socket outlet with overvoltage protection

**i** 476

- 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.  
Connection terminals according to IEC 60884-1  
Overvoltage protection according to EN 61643 and VDE 0675-6-11

- with imprint
- with indicator LED for "on/error"
- with screw terminals
- with acoustic fault signal

Design	Order no.	PU
polar white velvety	<b>4108 60 89</b>	1
anthracite velvety, lacquered	<b>4108 60 86</b>	1
red velvety	<b>4108 60 62</b>	1



New



#### SCHUKO socket outlet with residual current circuit-breaker

**i** 475

- enhanced contact protection



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Measurement error current	30 mA
Surge current resistance	250 A (8/20) µs
Short-circuit resistance (with back-up fuse 20 AgL)	3 kA
Trigger time	≤ 30 ms

Through-wired socket outlets are also protected.

For use in old installations with provision made to safeguard existing standards without additional protective regulations

Connection terminals according to IEC 60884-1  
Tested conform VDE 0664 (EN 61008)

- with spreader claws
- type A for alternating currents and pulsating direct currents
- with plug-in terminals
- to protect connected and downstream loads

Design	Order no.	PU
white velvety	<b>* 4708 60 82</b>	1
polar white velvety	<b>4708 60 89</b>	1
anthracite velvety, lacquered	<b>4708 60 86</b>	1



### Covers for protection switch

New



#### 50 x 50 mm centre plate for RCD protection switch

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



Suitable for	Order no.	Page
Residual current circuit-breaker	2844	437



Design	Order no.	PU
white velvety	<b>* 1493 19 02</b>	1
polar white matt/velvety	<b>1493 19 09</b>	1



## International socket outlet systems

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1



### Socket outlets without earthing contact

<p><b>New</b></p>  	<p><b>Socket outlet without earthing contact</b></p> <p>Rated voltage 250 V~ Rated current 16 A</p> <ul style="list-style-type: none"> <li>- without spreader claws</li> <li>- 2pole</li> <li>- with plug-in terminals</li> </ul>	<p><b>i</b> 474</p>												
<table border="0"> <tr> <td>Design</td> <td>Order no.</td> <td>PU</td> </tr> <tr> <td>white velvety</td> <td>* 61 6703 60 82</td> <td>10</td> </tr> <tr> <td>polar white velvety</td> <td>61 6703 60 89</td> <td>10</td> </tr> <tr> <td>anthracite velvety, lacquered</td> <td>61 6703 60 86</td> <td>10</td> </tr> </table>	Design	Order no.	PU	white velvety	* 61 6703 60 82	10	polar white velvety	61 6703 60 89	10	anthracite velvety, lacquered	61 6703 60 86	10		
Design	Order no.	PU												
white velvety	* 61 6703 60 82	10												
polar white velvety	61 6703 60 89	10												
anthracite velvety, lacquered	61 6703 60 86	10												

 	<p><b>Socket outlet without earthing contact</b></p> <ul style="list-style-type: none"> <li>- enhanced contact protection</li> <li>- without spreader claws</li> <li>- 2pole</li> <li>- with plug-in terminals</li> </ul> <p>Rated voltage 250 V~ Rated current 16 A</p>	<p><b>i</b> 474</p>									
<table border="0"> <tr> <td>Design</td> <td>Order no.</td> <td>PU</td> </tr> <tr> <td>polar white velvety</td> <td>61 6733 60 89</td> <td>10</td> </tr> <tr> <td>anthracite velvety, lacquered</td> <td>61 6733 60 86</td> <td>10</td> </tr> </table>	Design	Order no.	PU	polar white velvety	61 6733 60 89	10	anthracite velvety, lacquered	61 6733 60 86	10		
Design	Order no.	PU									
polar white velvety	61 6733 60 89	10									
anthracite velvety, lacquered	61 6733 60 86	10									

<p><b>New</b></p>  	<p><b>Socket outlet without earthing contact</b></p> <ul style="list-style-type: none"> <li>- screw terminals</li> <li>- 2pole</li> <li>- with screw terminals</li> </ul> <p>Rated voltage 250 V~ Rated current 16 A</p>	<p><b>i</b> 474</p>												
<table border="0"> <tr> <td>Design</td> <td>Order no.</td> <td>PU</td> </tr> <tr> <td>white velvety</td> <td>* 61 6103 60 82</td> <td>10</td> </tr> <tr> <td>polar white velvety</td> <td>61 6103 60 89</td> <td>10</td> </tr> <tr> <td>anthracite velvety, lacquered</td> <td>61 6103 60 86</td> <td>10</td> </tr> </table>	Design	Order no.	PU	white velvety	* 61 6103 60 82	10	polar white velvety	61 6103 60 89	10	anthracite velvety, lacquered	61 6103 60 86	10		
Design	Order no.	PU												
white velvety	* 61 6103 60 82	10												
polar white velvety	61 6103 60 89	10												
anthracite velvety, lacquered	61 6103 60 86	10												

### Socket outlets with earthing pin

<p><b>New</b></p>  	<p><b>Socket outlet with earthing pin</b></p> <ul style="list-style-type: none"> <li>- enhanced contact protection</li> <li>- 2pole + earth</li> <li>- with plug-in terminals</li> </ul> <p>Rated voltage 250 V~ Rated current 16 A</p>	<p><b>i</b> 474</p>												
<table border="0"> <tr> <td>Design</td> <td>Order no.</td> <td>PU</td> </tr> <tr> <td>white velvety</td> <td>* 67 6876 60 82</td> <td>10</td> </tr> <tr> <td>polar white velvety</td> <td>67 6876 60 89</td> <td>10</td> </tr> <tr> <td>anthracite velvety, lacquered</td> <td>67 6876 60 86</td> <td>10</td> </tr> </table>	Design	Order no.	PU	white velvety	* 67 6876 60 82	10	polar white velvety	67 6876 60 89	10	anthracite velvety, lacquered	67 6876 60 86	10		
Design	Order no.	PU												
white velvety	* 67 6876 60 82	10												
polar white velvety	67 6876 60 89	10												
anthracite velvety, lacquered	67 6876 60 86	10												

New

**Socket outlet with earthing pin**

**i 474**



- 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 velvety	* 67 6576 60 82	10
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 474**



- 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
- with screw-in lift terminals
- long service life of the LED
- white LED light
- through-wiring possible, therefore also ideal for retrofitting



Rated voltage 250 V~  
Frequency 50/60 Hz  
Rated current 16 A  
Power consumption 0.25 W/0.35 VA  
Light intensity (white) 0.2 cd  
Switch-on brightness ca. 2 lx  
Switch-off brightness ca. 4 lx  
Conductor cross-section (rigid) max. 2.5 mm<sup>2</sup>

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 velvety	* 67 6510 60 82	10
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 474**



- 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 velvety	* 67 6509 60 82	10
polar white velvety	67 6509 60 89	10
anthracite velvety	67 6509 60 86	10





<p><b>New</b></p>  	<p><b>Socket outlet with earthing pin and hinged cover</b> <span style="float: right;"><b>i</b> 474</span></p> <ul style="list-style-type: none"> <li>- enhanced contact protection</li> <li>- with hinged cover that falls back</li> <li>- with imprint</li> <li>- 2pole + earth</li> <li>- with plug-in terminals</li> </ul> <p>Rated voltage 250 V~ Rated current 16 A</p> <p>Design Order no. PU</p> <table border="0"> <tr> <td>white velvety</td> <td style="text-align: right;">★ 67 6877 60 82</td> <td style="text-align: right;">10</td> </tr> <tr> <td>polar white velvety</td> <td style="text-align: right;">67 6877 60 89</td> <td style="text-align: right;">10</td> </tr> <tr> <td>anthracite velvety, lacquered</td> <td style="text-align: right;">67 6877 60 86</td> <td style="text-align: right;">10</td> </tr> </table>	white velvety	★ 67 6877 60 82	10	polar white velvety	67 6877 60 89	10	anthracite velvety, lacquered	67 6877 60 86	10
white velvety	★ 67 6877 60 82	10								
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anthracite velvety, lacquered	67 6877 60 86	10								

<p><b>New</b></p>  	<p><b>Socket outlet with earthing pin and hinged cover</b> <span style="float: right;"><b>i</b> 474</span></p> <ul style="list-style-type: none"> <li>- enhanced contact protection</li> <li>- screw-in lift terminals</li> <li>- with hinged cover that falls back</li> <li>- with imprint</li> <li>- 2pole + earth</li> <li>- with screw-in lift terminals</li> </ul> <p>Rated voltage 250 V~ Rated current 16 A</p> <p>Design Order no. PU</p> <table border="0"> <tr> <td>white velvety</td> <td style="text-align: right;">★ 67 6583 60 82</td> <td style="text-align: right;">10</td> </tr> <tr> <td>polar white velvety</td> <td style="text-align: right;">67 6583 60 89</td> <td style="text-align: right;">10</td> </tr> <tr> <td>anthracite velvety, lacquered</td> <td style="text-align: right;">67 6583 60 86</td> <td style="text-align: right;">10</td> </tr> </table>	white velvety	★ 67 6583 60 82	10	polar white velvety	67 6583 60 89	10	anthracite velvety, lacquered	67 6583 60 86	10
white velvety	★ 67 6583 60 82	10								
polar white velvety	67 6583 60 89	10								
anthracite velvety, lacquered	67 6583 60 86	10								

**Socket outlets with earthing pin for special applications**

 	<p><b>Socket outlet with earthing pin</b> <span style="float: right;"><b>i</b> 474</span></p> <ul style="list-style-type: none"> <li>- enhanced contact protection</li> <li>- 2pole + earth</li> <li>- with plug-in terminals</li> </ul> <p>Rated voltage 250 V~ Rated current 16 A</p> <p>Design Order no. PU</p> <table border="0"> <tr> <td>red velvety</td> <td style="text-align: right;">67 6876 60 12</td> <td style="text-align: right;">10</td> </tr> <tr> <td>green velvety</td> <td style="text-align: right;">67 6876 60 13</td> <td style="text-align: right;">10</td> </tr> <tr> <td>orange velvety</td> <td style="text-align: right;">67 6876 60 14</td> <td style="text-align: right;">10</td> </tr> </table>	red velvety	67 6876 60 12	10	green velvety	67 6876 60 13	10	orange velvety	67 6876 60 14	10
red velvety	67 6876 60 12	10								
green velvety	67 6876 60 13	10								
orange velvety	67 6876 60 14	10								

 	<p><b>Socket outlet with earthing pin</b> <span style="float: right;"><b>i</b> 474</span></p> <ul style="list-style-type: none"> <li>- enhanced contact protection</li> <li>- screw-in lift terminals</li> <li>- 2pole + earth</li> <li>- with screw-in lift terminals</li> </ul> <p>Rated voltage 250 V~ Rated current 16 A</p> <p>Design Order no. PU</p> <table border="0"> <tr> <td>red velvety</td> <td style="text-align: right;">67 6576 60 12</td> <td style="text-align: right;">10</td> </tr> <tr> <td>green velvety</td> <td style="text-align: right;">67 6576 60 13</td> <td style="text-align: right;">10</td> </tr> <tr> <td>orange velvety</td> <td style="text-align: right;">67 6576 60 14</td> <td style="text-align: right;">10</td> </tr> </table>	red velvety	67 6576 60 12	10	green velvety	67 6576 60 13	10	orange velvety	67 6576 60 14	10
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** 474

- 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	<b>67 6509 60 15</b>	10
green velvety	<b>67 6509 60 13</b>	10
orange velvety	<b>67 6509 60 14</b>	10



**BRITISH STANDARD socket outlets**



**Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off**

**i** 474

- enhanced contact protection
- screw terminals
- without spreader claws
- 2pole + earth
- with screw terminals



Rated voltage 250 V~  
Rated current 13 A

**Suitable for**  
Centre plate for socket outlets,  
British Standard, can be switched off

**Order no.** **Page**  
page 205

Design	Order no.	PU
white glossy	<b>5342 02 12</b>	10
polar white glossy	<b>5342 02 19</b>	10
anthracite matt	<b>5342 02 16</b>	10



New

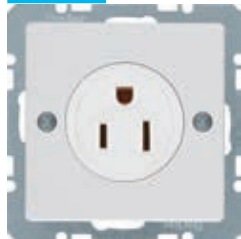


**Centre plate for socket outlets, British Standard, can be switched off**

Design	Order no.	PU
white velvety	<b>* 33 1307 60 82</b>	10
polar white velvety	<b>33 1307 60 89</b>	10
anthracite velvety	<b>33 1307 60 86</b>	10

**NEMA-socket outlets**

New



**Socket outlet with earthing contact USA/CANADA NEMA 5-15 R**

**i** 474

- screw terminals
- without spreader claws
- 2pole + earth
- with screw terminals



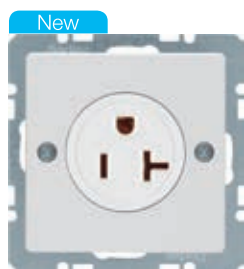
Rated voltage 125 V~  
Rated current 15 A

Not UL-certified.  
Standard NEMA 5-15 R

Design	Order no.	PU
white velvety	<b>* 4166 60 82</b>	10
polar white velvety	<b>4166 60 89</b>	10
anthracite velvety, lacquered	<b>4166 60 86</b>	10







**Socket outlet with earthing contact USA/CANADA  
NEMA 5-20 R**

**i** 474

- 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 velvety	* 4168 60 82	10
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.



**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
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	223

Design	Order no.	PU
white velvety	* 1620 60 82	10
polar white velvety	1620 60 89	10
anthracite velvety, lacquered	1620 60 86	10

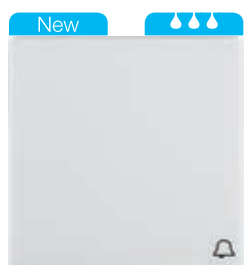


**Rocker with imprinted symbol for light**

- 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
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	223

Design	Order no.	PU
white velvety	* 1620 60 42	10
polar white velvety	1620 60 49	10
anthracite velvety, lacquered	1620 60 46	10




**Rocker with imprinted symbol for bell**

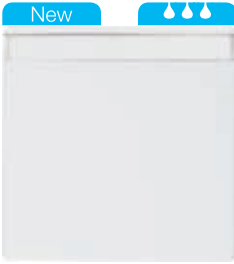
- also for KNX applications: push-button, 1gang, and group push-button, 1gang


Suitable for	Order no.	Page
Rocker push-buttons		page 20
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	223

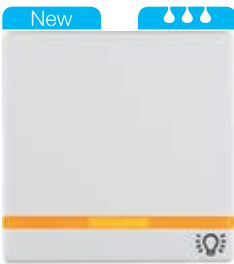
Design	Order no.	PU
white velvety	* 1620 60 52	10
polar white velvety	1620 60 59	10
anthracite velvety, lacquered	1620 60 56	10

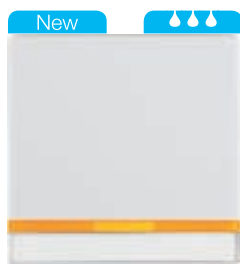


	<b>Rocker with imprinted symbol for door opener</b>		
			– also for KNX applications: push-button, 1gang, and group push-button, 1gang
	Design	Order no.	PU
	white velvety	* 1620 60 62	10
			– also for KNX applications: push-button, 1gang, and group push-button, 1gang
			<b>Suitable for</b>
			Rocker push-buttons
			<b>optional</b>
			Sealing set for switches/push-buttons
			Order no.
			Page
			page 20
			223
			1010 71 00
			223
			10
			10
			10

	<b>Rocker</b>		
			– also for KNX applications: push-button, 1gang, and group push-button, 1gang
	Design	Order no.	PU
	white velvety	* 1626 60 82	10
			– also for KNX applications: push-button, 1gang, and group push-button, 1gang
			<b>Suitable for</b>
			Rocker switches
			Rocker push-buttons
			<b>optional</b>
			Sealing set for switches/push-buttons
			Order no.
			Page
			page 20
			page 20
			223
			1010 71 00
			223
			10
			10
			10

	<b>Rocker</b>		
			– for illumination and monitoring circuit
	Design	Order no.	PU
	white velvety	* 1621 60 82	10
			– also for KNX applications: push-button, 1gang, and group push-button, 1gang
			<b>Suitable for</b>
			Rocker switches
			Rocker push-buttons
			<b>optional</b>
			Sealing set for switches/push-buttons
			Order no.
			Page
			page 20
			page 20
			223
			1010 71 00
			223
			10
			10
			10

	<b>Rocker with imprinted symbol for light</b>		
			– for illumination and monitoring circuit
	Design	Order no.	PU
	white velvety	* 1621 60 72	10
			– also for KNX applications: push-button, 1gang, and group push-button, 1gang
			<b>Suitable for</b>
			Rocker switches
			Rocker push-buttons
			<b>optional</b>
			Sealing set for switches/push-buttons
			Order no.
			Page
			page 20
			page 20
			223
			1010 71 00
			223
			10
			10
			10



**Rocker**

- labelling field
- lens



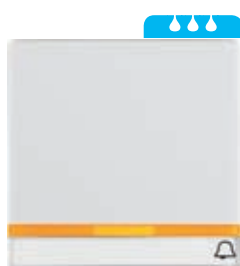
Lenses available in orange and clear.  
For labelling with names, notes etc.

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
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	223

Design	Order no.	PU
white velvety	★ <b>1628 60 82</b>	10
polar white velvety	<b>1628 60 89</b>	10
anthracite velvety, lacquered	<b>1628 60 86</b>	10



**Rocker with imprinted symbol for bell**

- labelling field
- lens



Lenses available in orange and clear.  
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

Design	Order no.	PU
white velvety	★ <b>1628 60 72</b>	10
polar white velvety	<b>1628 60 79</b>	10
anthracite velvety, lacquered	<b>1628 60 76</b>	10



**Rocker**

- large labelling field
- lens



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

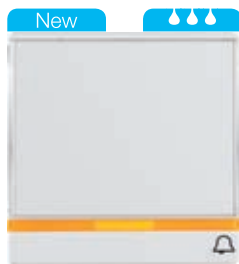
Lenses available in orange and clear.  
For labelling with names, notes etc.

Labelling field height designed for two 18 mm P-touch strips.  
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
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	223

Design	Order no.	PU
white velvety	★ <b>1696 60 82</b>	10
polar white velvety	<b>1696 60 89</b>	10
anthracite velvety, lacquered	<b>1696 60 86</b>	10



**Rocker with imprinted symbol for bell**

- large labelling field
- lens



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

Lenses available in orange and clear.  
For labelling with names, notes etc.

Labelling field height designed for two 18 mm P-touch strips.

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.

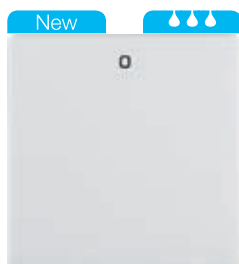
- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker push-buttons		page 20
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	223

Design	Order no.	PU
white velvety	* 1696 60 72	10
polar white velvety	1696 60 79	10
anthracite velvety, lacquered	1696 60 76	10

**Rockers for multi-pole rocker switches**

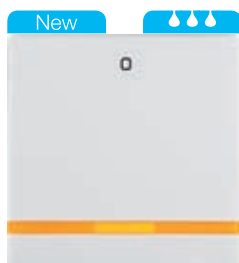
Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



**Rocker with imprint "0"**

Suitable for	Order no.	Page
Multi-pole rocker switches		page 25
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	223

Design	Order no.	PU
white velvety	* 1622 60 82	10
polar white velvety	1622 60 89	10
anthracite velvety, lacquered	1622 60 86	10



**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 25
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	223

Design	Order no.	PU
white velvety	* 1624 60 82	10
polar white velvety	1624 60 89	10
anthracite velvety, lacquered	1624 60 86	10

**Multiple Rockers**






**Rocker 2gang**

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

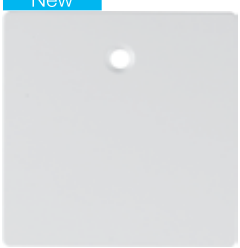
Suitable for	Order no.	Page
Rocker switches, 2gang		page 28
Series push-buttons		page 28

Design	Order no.	PU
white velvety	* 1623 60 82	10
polar white velvety	1623 60 89	10
anthracite velvety, lacquered	1623 60 86	10


	<b>Rocker 2gang</b>			
	<ul style="list-style-type: none"> <li>- lens</li> </ul> <p>                       Illumination only possible by 1 neon lamp unit.                      Lenses available in orange and clear.                 </p>	<ul style="list-style-type: none"> <li>- for illumination and monitoring circuit</li> <li>- also for KNX applications: push-button, 2gang, and group push-button, 2gang</li> </ul>	<b>Suitable for</b> Rocker switches, 2gang Series push-buttons	<b>Order no.</b> 6330 23
Design		Order no.		PU
white velvety		★ 1627 60 82		10
polar white velvety		1627 60 89		10
anthracite velvety, lacquered		1627 60 86		10


	<b>Rocker 3gang</b>			
	Design	Order no.		PU
white velvety		★ 1665 60 82		10
polar white velvety		1665 60 89		10
anthracite velvety, lacquered		1665 60 86		10

**Centre plates for pullcord switches/pullcord push-buttons**

	<b>Centre plate for pullcord switch/pullcord push-button</b>			
	Design	Order no.		PU
white velvety		★ 1146 60 82		10
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.

	<b>Centre plate for key switch/key push-button</b>			
	Design	Order no.		PU
white velvety		★ 1507 60 82		10
polar white velvety		1507 60 89		10
anthracite velvety, lacquered		1507 60 86		10

- for master-key systems

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Key switches/key push-buttons		page 32
Lock cylinder	1818 ..	60
<b>optional</b>		
Sealing set for key switch/key push-button	1010 70 00	223

## Berker.Net - Conventional electronics platform

### Buttons for switches/dimmers

New

#### Button 1gang

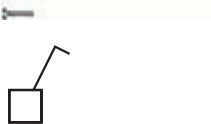
**i** 468



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	44
Relay insert	8512 12 00	43
Touch dimmer (R, L)	8542 11 00	45
Universal touch dimmer 1gang	8542 12 00	45
DALI/DSI control insert	8542 17 00	46



Design	Order no.	PU
white velvety	* 8514 11 22	1
polar white velvety	8514 11 29	1
anthracite velvety, lacquered	8514 11 26	1

New

#### Button 2gang

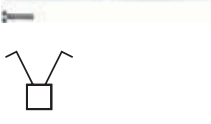
**i** 468



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	44
Universal touch dimmer 2gang	8542 21 00	46



Design	Order no.	PU
white velvety	* 8514 21 22	1
polar white velvety	8514 21 29	1
anthracite velvety, lacquered	8514 21 26	1

### Motion detector covers

New

#### IR Motion detector comfort

**i** 468



Delay time, adjustable

≈ 10 s ... 30 min

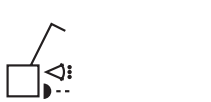
Response brightness, adjustable ≈ 5 ... 1000 lx, ∞ lx (day)



- 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 68





Design	Order no.	PU
<b>Nominal mounting height 1.1 m</b>		
white velvety	* 8534 12 22	1
polar white velvety	8534 12 29	1
anthracite velvety, lacquered	8534 12 26	1
<b>Nominal mounting height 2.2 m</b>		
white velvety	* 8534 22 22	1
polar white velvety	8534 22 29	1
anthracite velvety, lacquered	8534 22 26	1



<p><b>New</b></p> 	<p><b>Motion detector</b> <span style="float: right;"><b>i</b> 468</span></p> <p>Delay time <span style="float: right;">≈ 180 s</span></p> <p>Response brightness, adjustable ≈ 5 ... 1000 lx, ∞ lx (day)</p> <ul style="list-style-type: none"> <li>- with memory function for presence simulation</li> <li>- teach function for response brightness via button</li> <li>- with keylock</li> <li>- party function for switching on for 2 hours</li> <li>- with button for on/off/automatic</li> <li>- low intrinsic energy requirement</li> </ul>																																				
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anthracite velvety, lacquered	8534 21 26		1																																		

<b>Blind buttons</b>																									
<p><b>New</b></p> 	<p><b>Blind button</b> <span style="float: right;"><b>i</b> 468</span></p> <p>Delay time, adjustable <span style="float: right;">0 s ... 500 s</span></p> <p>Venetian blind movement time <span style="float: right;">2 min</span></p> <p>Minimum slat adjustment time <span style="float: right;">≈ 250 ms</span></p> <p>Change-over time for change of direction <span style="float: right;">&lt; 0.6 s</span></p> <p>Can be switched to orientation led by extension unit - this function will be available from Q3 2015.</p> <ul style="list-style-type: none"> <li>- memory function for automatic execution of learned up and down times with position</li> <li>- party function, no execution of automatic, radio and extension unit commands (lock-out protection)</li> <li>- with imprinted symbol arrows</li> <li>- low intrinsic energy requirement</li> </ul>																								
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<b>Time switches for blinds</b>																									
<p><b>New</b></p> 	<p><b>Blind time switch</b> <span style="float: right;"><b>i</b> 468</span></p> <p>- display <span style="float: right;">[14:23]</span></p> <p>Number of operation times for up/down <span style="float: right;">20</span></p> <p>Running time <span style="float: right;">2 min</span></p> <p>Minimum slat adjustment time <span style="float: right;">≈ 250 ms</span></p> <p>Astronomic time shift <span style="float: right;">± 2 h</span></p> <p>Power reserve <span style="float: right;">≈ 24 h</span></p> <p>Random number generator <span style="float: right;">± 15 min</span></p> <p>Change-over time for change of direction <span style="float: right;">&lt; 0.6 s</span></p> <p>Control using device buttons and programmed switching times.</p> <p>Can be switched to orientation led by extension unit - this function will be available from Q3 2015.</p> <ul style="list-style-type: none"> <li>- with keylock</li> <li>- party function, no execution of automatic, radio and extension unit commands (lock-out protection)</li> <li>- reset function (to factory setting)</li> <li>- indication of the application module/insert compatibility in the display</li> <li>- LC display illuminated during operation</li> <li>- LC display contrast is adjustable</li> <li>- low intrinsic energy requirement</li> <li>- with switchover manual/automatic mode</li> <li>- with automatic summer-/winter time switching (can be switched off)</li> <li>- 2 independent preset programme memories, individually adaptable</li> <li>- astro programme for sunrise/sundown switching with city/country or co-ordinate input, individually adaptable</li> <li>- holiday programme for random variation of the operation times in automatic operation</li> </ul>																								
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## 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 optional

Sealing set for socket outlets/centre plates

Order no.

1010 72 00

Page

223

Design

Order no.

PU

white velvety

\* 1137 60 82

10

polar white velvety

1137 60 89

10

anthracite velvety, lacquered

1137 60 86

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

Switches/ push-buttons for blinds

Order no.

Page  
page 84

Design

Order no.

PU

white velvety

\* 1625 60 82

10

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

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

Order no.  
5034 04

Page  
29

Design

Order no.

PU

white velvety

\* 1644 60 82

10

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 optional

Sealing set for socket outlets/centre plates  
Interlock disk for rotary switch for blinds

Order no.  
1010 72 00  
1861

Page  
223  
87

Design

Order no.

PU

white velvety

\* 1080 60 82

1

polar white velvety

1080 60 89

1

anthracite velvety, lacquered

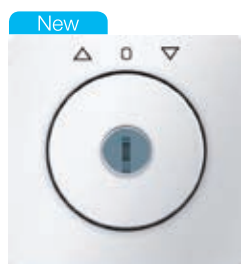
1080 60 86

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	87
Switch for blinds 1pole for centre plate with lock	3851	87

Design	Order no.	PU
white velvety	★ 1081 60 82	1
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**

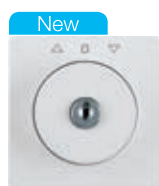
- Key can be removed in 3 positions



- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 2pole for centre plate with lock	3852	87
Switch for blinds 1pole for centre plate with lock	3851	87

Design	Order no.	PU
white velvety	★ 1082 60 82	1
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	87
Switch for blinds 2pole for centre plate with lock	3852	87

Design	Order no.	PU
white velvety	★ 1083 60 82	1
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 1pole for lock cylinder	3821 20	89
Switch for blinds 2pole for lock cylinder	3822 10	89
Push-button for blinds 1pole for lock cylinder	3831 ..	89
Push-button for blinds 2pole for lock cylinder	3832 10	90
Lock cylinder	1818 ..	60

Design	Order no.	PU
white velvety	★ 1506 60 82	10
polar white velvety	1506 60 89	10
anthracite velvety, lacquered	1506 60 86	10



**Communication/multimedia technology**

- For information on suitable third-party manufacturer articles, see the chapter "Communication/multimedia technology"

**Covers data communications / telecommunications**

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 ..	120
Loudspeaker connection box	4572 0 ..	121
Stereo loudspeaker connection box	4573 0 ..	122
Modular FCC socket outlet 8/8pole, cat.6A	4584	103
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	103

Design	Order no.	PU
white velvety	* 1033 60 82	10
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, cat.6 and cat.6<sub>A</sub> iso  
- for WLAN access-points  
- with 45° oblique outlet

Suitable for	Order no.	Page
FCC socket outlets 1gang/WLAN access points		page 98

Design	Order no.	PU
white velvety	* 1407 60 82	10
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, cat.6 and cat.6<sub>A</sub> iso  
- with 45° oblique outlet

Suitable for	Order no.	Page
FCC socket outlets 2gang		page 101

Design	Order no.	PU
white velvety	* 1409 60 82	10
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 .. and 454201, see "Communication/multimedia technology"

Design	Order no.	PU
white velvety	* 1170 60 82	10
polar white velvety	1170 60 89	10
anthracite velvety, lacquered	1170 60 86	10

Q.1/Q.3  
Built-in elements





**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  
polar white matt/velvety

Suitable for	Order no.	Page
Intermediate rings		page 218
Order no.		PU
	<b>1464 19 09</b>	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  
polar white matt/velvety, 2gang

Suitable for	Order no.	Page
Intermediate rings		page 218
Order no.		PU
	<b>1492 19 09</b>	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  
polar white matt/velvety

Suitable for	Order no.	Page
Intermediate rings		page 218
Order no.		PU
	<b>1480 19 09</b>	10

**Covers for aerial sockets**

New



**Centre plate for aerial socket 2-/3hole**

- with knock out SAT input

Design  
white velvety  
polar white velvety  
anthracite velvety, lacquered

Suitable for	Order no.	Page
Aerial socket 2hole single box	4502 10	113
Aerial socket 2hole throughpass socket	4515 ..	113
Aerial socket 3hole single box	4522 10	113
Order no.		PU
	<b>* 1203 60 82</b>	10
	<b>1203 60 89</b>	10
	<b>1203 60 86</b>	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)

Design  
polar white matt/velvety

Suitable for	Order no.	Page
Intermediate rings		page 218
Aerial socket 4hole single box	4594 10	114
Order no.		PU
	<b>1484 19 09</b>	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  
polar white matt/velvety

Suitable for	Order no.	Page
Intermediate rings		page 218
Order no.		PU
	<b>1483 19 09</b>	10



**Central plate for broadband modem socket (Wisi)**

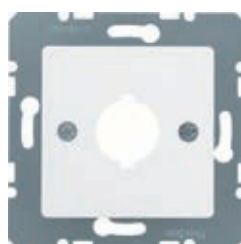
Caution!  
Use only with intermediate ring for central plate from the corresponding range.

– with additional multimedia output

Design	Order no.	Order no.	Page
polar white matt/velvety	# 1439 19 09		10

Suitable for	Order no.	Page
Intermediate rings		page 218

**Central plates for signalling and command units**



**Central plate with installation opening Ø 18.8 mm**

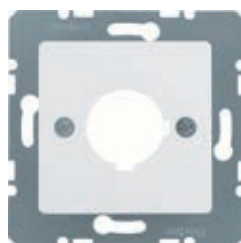
Screw spacing 36 mm

– labelling field latchable  
– with cut-out dia. 18.8 mm

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

Design	Order no.	Order no.	Page
polar white, matt/velvety	1431 19 09		10

Suitable for	Order no.	Page
Intermediate rings		page 218
<b>optional</b>		
Built-in socket for floating output	4604	65



**Central plate with installation opening Ø 22.5 mm**

Screw spacing 36 mm

– labelling field latchable  
– with cut-out dia. 22.5 mm

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

Installation aperture according to IEC 60947-5-1

Design	Order no.	Order no.	Page
polar white matt/velvety	1432 19 09		10
yellow glossy	1432 07		10

Suitable for	Order no.	Page
Intermediate rings		page 218

**Intermediate rings**



**Intermediate ring for central plate**

– labelling field latchable

Design	Order no.	Order no.	Page
white velvety	* 1109 60 82		10
polar white velvety	1109 60 89		10
anthracite velvety, lacquered	1109 60 86		10

Suitable for	Order no.	Page
<b>optional</b>		
Labelling field for intermediate ring	1905 00 ..	119



**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 218

Design	Order no.	Order no.	Page
white glossy	1905 00 02		10
polar white glossy	1905 00 69		10

**Adapter rings for centre plates 50 x 50 mm**



**Adapter ring for centre plate 50 x 50 mm**

Caution!  
Not suitable for Berker central plates.  
For centre plate according to DIN 49075

– for centre plate of third-party manufacturers with external dimension 50 x 50 mm

Design	Order no.	Order no.	Page
white velvety	* 1109 60 72		10
polar white velvety	1109 60 79		10
anthracite velvety, lacquered	1109 60 76		10

**Covers Audio**

New

**Centre plate for loudspeaker socket outlet**



Design

white velvety

polar white velvety

anthracite velvety, lacquered

- 1 knock out opening

**Suitable for**

Entry for small connector  
Loudspeaker socket outlet High End

**Order no.**

4505  
4505 02

**Page**

123  
123

Order no.

\* **1196 60 82**

**1196 60 89**

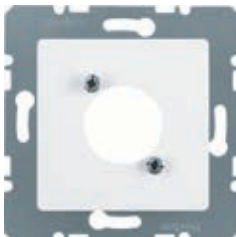
**1196 60 86**

PU

10

10

10



**Central plate for XLR D-series connector**

Cut-out Ø

23.6 mm

Screw spacing (horizontal/vertical)

19/24 mm

- Labelling field latchable in matching intermediate ring  
- speakon and jack connector

**Caution!**

Use only with intermediate ring for central plate from the corresponding range.

**Suitable for**

Intermediate rings

**Order no.**

**Page**  
page 218

Design

polar white matt/velvety

Order no.

**1412 19 09**

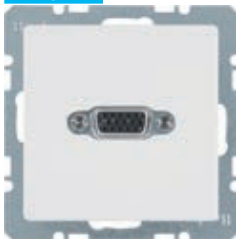
PU

10

**Video socket outlets**

New

**VGA socket outlet**



Frequency range video

max. 160 MHz

Resolution

max. 1280 x 1024 px

- with 15pole D-subminiature double jack  
- S-VGA compatible

**i 461**

Design

**with double jack**

white velvety

polar white velvety

anthracite velvety, lacquered

**back side, with screw-in lift terminals**

white velvety <sup>1)</sup>

polar white velvety <sup>1)</sup>

anthracite velvety, lacquered <sup>1)</sup>

Order no.

\* **33 1540 60 82**

**33 1540 60 89**

**33 1540 60 86**

\* **33 1541 60 82**

**33 1541 60 89**

**33 1541 60 86**

PU

10

10

10

10

10

10

<sup>1)</sup> for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm<sup>2</sup>



**Multimedia sockets**

New

**High definition socket outlet**



Transmission rate

max. 8.16 GBit/s

Resolution

max. 1920 x 1080 px

- 19pole  
- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)  
- gold-plated contacts

**i 467**

Design

**back side, with straight socket**

white velvety

polar white velvety

anthracite velvety, lacquered

**back side, with 90° angle socket**

white velvety

polar white velvety

anthracite velvety, lacquered

Order no.

\* **33 1542 60 82**

**33 1542 60 89**

**33 1542 60 86**

\* **33 1543 60 82**

**33 1543 60 89**

**33 1543 60 86**

PU

10

10

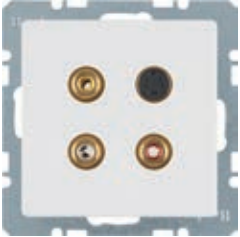
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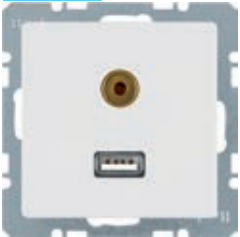
10

10


10




<p><b>New</b></p>  <p><b>3 x Cinch/S-Video socket outlet</b></p> <p>Frequency range audio 20 ... 20000 Hz Frequency range video max. 160 MHz</p> <ul style="list-style-type: none"> <li>- 1 cinch double jack for video connection (yellow)</li> <li>- 2 cinch double jacks for audio connection (red, white)</li> <li>- S-Video double jack</li> <li>- gold-plated contacts</li> </ul> <p>Design</p> <p>white velvety polar white velvety anthracite velvety, lacquered</p>	<p><b>i 467</b></p> <p>Order no.</p> <p>★ <b>33 1532 60 82</b> <b>33 1532 60 89</b> <b>33 1532 60 86</b></p> <p>PU 10 10 10</p>
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<p><b>New</b></p>  <p><b>USB/3.5 mm audio socket outlet</b></p> <p>USB transmission rate max. 480 Mbit/s Frequency range audio 20 ... 20000 Hz</p> <ul style="list-style-type: none"> <li>- double jack gold-plated 3.5 mm, stereo</li> <li>- USB double jack type A, USB 2.0 capable</li> </ul> <p>Design</p> <p>white velvety polar white velvety anthracite velvety, lacquered</p>	<p><b>i 467</b></p> <p>Order no.</p> <p>★ <b>33 1539 60 82</b> <b>33 1539 60 89</b> <b>33 1539 60 86</b></p> <p>PU 10 10 10</p>
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**Consumer electronics**

<p><b>New</b></p>  <p><b>Berker Radio Touch</b></p> <p>Operating voltage 230 V~ Frequency 50/60 Hz Conductor cross-section max. 2.5 mm<sup>2</sup> Dimensions of display (W x H) 35 x 28 mm Insertion depth 33 mm Frequency range (radio reception) 87.5 ... 108 MHz</p> <p>At least one loudspeaker must be connected for operation.</p> <p>Design</p> <p>white velvety polar white velvety anthracite velvety, lacquered</p>	<p><b>i 467</b></p> <ul style="list-style-type: none"> <li>- operation via sensor areas of the touch display</li> <li>- extension unit input for separate on/off switching</li> <li>- illuminated touch graphics display</li> <li>- time and date display</li> <li>- with 2 loudspeaker connections</li> <li>- external audio input, e.g. for MP3 player or docking station</li> <li>- stereo FM radio with RDS display</li> </ul> <p>Suitable for</p> <table border="0"> <tr> <td>Loudspeaker</td> <td><b>Order no.</b></td> <td><b>Page</b></td> </tr> <tr> <td>Ceiling loudspeaker Ø 140 mm</td> <td>WUZ6 71</td> <td>130</td> </tr> <tr> <td>Ceiling loudspeaker Ø 80 mm</td> <td>WUZ6 72</td> <td>131</td> </tr> </table> <p>Order no.</p> <p>★ <b>2884 60 82</b> ★ <b>2884 60 89</b> ★ <b>2884 60 86</b></p> <p>PU 1 1 1</p>	Loudspeaker	<b>Order no.</b>	<b>Page</b>	Ceiling loudspeaker Ø 140 mm	WUZ6 71	130	Ceiling loudspeaker Ø 80 mm	WUZ6 72	131
Loudspeaker	<b>Order no.</b>	<b>Page</b>								
Ceiling loudspeaker Ø 140 mm	WUZ6 71	130								
Ceiling loudspeaker Ø 80 mm	WUZ6 72	131								

<p><b>New</b></p>  <p><b>Loudspeaker</b></p> <p>Impedance 4 Ω Conductor cross-section (flexible) 0.5 mm<sup>2</sup> Pre-assembled cable ≈ 25 cm Insertion depth 35 mm</p> <p>Design</p> <p>white velvety polar white velvety anthracite velvety, lacquered</p>	<ul style="list-style-type: none"> <li>- confectioned, with 2-core, double-insulated, flexible cable</li> </ul> <p>Suitable for</p> <table border="0"> <tr> <td>Berker Radio Touch</td> <td><b>Order no.</b></td> <td><b>Page</b></td> </tr> <tr> <td></td> <td></td> <td>page 220</td> </tr> </table> <p>Order no.</p> <p>★ <b>2882 60 82</b> <b>2882 60 89</b> <b>2882 60 86</b></p> <p>PU 1 1 1</p>	Berker Radio Touch	<b>Order no.</b>	<b>Page</b>			page 220
Berker Radio Touch	<b>Order no.</b>	<b>Page</b>					
		page 220					



**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 53
LED lamp E10		page 53
Neon lamp E10		page 53
Push-button/pilot lamp E10, NO contact	5101 ..	51

Design	Order no.	PU
white velvety	* 1124 60 82	10
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 53
LED lamp E14		page 53
Incandescent lamp E14		page 53
Pilot lamp E14	5131 02	52
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 72 00	223

Design	Order no.	PU
white velvety	* 1198 60 82	10
polar white velvety	1198 60 89	10
anthracite velvety, lacquered	1198 60 86	10

**LED signal lights**

New



**LED signal light, white lighting**

**i** 451

Rated voltage 230 V~ – Brightness modifiable via potentiometer  
 Frequency 50/60 Hz – Light colour cold white  
 Power consumption at 230 ~, 50 Hz - max. 1 W – switchable via separate switch  
 Quantity LED lamps 4 – for signalling notices, information or warnings  
 Ambient temperature -15 ... +40 °C – Foils with imprint of symbols insertable  
 Conductor cross-section 2.5 mm<sup>2</sup>

Suitable for optional	Order no.	Page
Foil for LED signal light		page 49

Design	Order no.	PU
white velvety	* 2953 60 82	1
polar white velvety	* 2953 60 89	1
anthracite velvety	* 2953 60 86	1



New



**LED signal light, RGB**

**i** 451


Rated voltage 230 V~ – Brightness modifiable via potentiometer  
 Frequency 50/60 Hz – Light colours cold white, warm white, blue, orange, red, green, purple (magenta) and colour sequence callable via push-button  
 Power consumption at 195 ... 265 V~, 50/60 Hz max. 2 W – Colour sequence can be stopped at any position via the push-button.  
 Quantity LED lamps 4 – colour is switchable via an external switch  
 Ambient temperature -15 ... +40 °C – for signalling notices, information or warnings  
 Conductor cross-section 2.5 mm<sup>2</sup> – Foils with imprint of symbols insertable

Suitable for optional	Order no.	Page
Foil for LED signal light		page 49

Design	Order no.	PU
white velvety	* 2951 60 82	1
polar white velvety	* 2951 60 89	1
anthracite velvety	* 2951 60 86	1

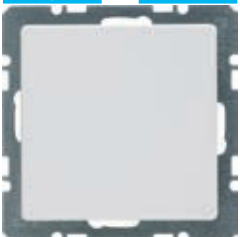


Q.1/Q.3  
Built-in elements


	<p><b>LED signal light, red/green lighting</b></p> <p>Rated voltage 230 V~                  Frequency 50/60 Hz                  Power consumption at 230 ~, 50 Hz - per colour max. 0.5 W                  Quantity LED lamps max. 0.5 W                  Ambient temperature -15 ... +40 °C                  Conductor cross-section 2.5 mm<sup>2</sup></p> <p>For installation in standard wall boxes according to DIN 49073-1</p>	<p>– switchable between red and green via separate switches                  – for signalling of e.g. access control                  – Two coloured foils with imprinted symbols for Do not disturb/ Clean room and Please enter/ Please wait are supplied</p> <p><b>Suitable for optional</b> Foil bi-colour for LED signal light</p>	<p><b>i 451</b></p> <p><b>Order no.</b> <b>Page</b></p> <p>page 50</p>
<p>Design Order no. PU</p>			
white velvety		★ 2952 60 82	1
polar white velvety		★ 2952 60 89	1
anthracite velvety		★ 2952 60 86	1




## Supplementary products

	<p><b>Blind plug with centre plate</b></p> <p>– on supporting plate without cut-out</p>	<p><b>Suitable for optional</b> Sealing set for socket outlets/centre plates</p>	<p><b>Order no.</b> 1010 72 00</p>	<p><b>Page</b> 223</p>
<p>Design Order no. PU</p>				
<b>without spreader claws</b>				
white velvety		★ 1009 60 82		20
polar white velvety		1009 60 89		20
anthracite velvety, lacquered		1009 60 86		20
<b>with base and spreader claws</b>				
white velvety		★ 67 1009 60 82		10
polar white velvety		67 1009 60 89		10
anthracite velvety, lacquered		67 1009 60 86		10



	<p><b>Blind plug with centre plate, screw-on</b></p> <p>– on supporting plate with large cut-out                  – with cover plug for screw fitting                  – without spreader claws                  – space-saving for relays, etc.                  – for customised cut-outs or holes when installing special solutions</p>	<p><b>Suitable for optional</b> Sealing set for socket outlets/centre plates</p>	<p><b>Order no.</b> 1010 72 00</p>	<p><b>Page</b> 223</p>
<p>Design Order no. PU</p>				
white velvety		★ 1009 60 72		20
polar white velvety		1009 60 79		20
anthracite velvety, lacquered		1009 60 76		20



	<p><b>Centre plate for cable outlet</b></p>	<p><b>Suitable for</b> Cable outlet with low installation depth Cable outlet</p>	<p><b>Order no.</b> 4468 4470</p>	<p><b>Page</b> 116 116</p>
<p>Design Order no. PU</p>				
white velvety		★ 1019 60 82		10
polar white velvety		1019 60 89		10
anthracite velvety, lacquered		1019 60 86		10



**Sealings IP44**



**Sealing set for socket outlets/centre plates**

Suitable for	Order no.	Page
Centre plates for rotary dimmers		page 213
Centre plates for rotary switches for blinds		page 213
SCHUKO socket outlet with hinged cover and imprint		page 200
Blind plug with centre plate		page 222
Frames		page 232
Frames		page 238

Design	Order no.	PU
transparent	<b>1010 72 00</b>	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 206
Rockers for multi-pole rocker switches		page 209
Rockers - accessible construction		page 224
Frames		page 232
Frames		page 238

Design	Order no.	PU
transparent	<b>1010 71 00</b>	1



**Sealing set for key switch/key push-button**

Suitable for	Order no.	Page
Frames		page 232
Frames		page 238
Centre plate for key push-button for blinds/key switch	1506 60 8 ..	90
Centre plate for key switch/key push-button	1507 60 8 ..	33

Design	Order no.	PU
transparent	<b>1010 70 00</b>	1

**Hotel applications**

New



**Relay switch with centre plate for hotel card**

**i 451**

Rated voltage	230 V~ +10/-15 %	- with potentiometer for incremental adjustment of delay time
Frequency	50/60 Hz	- for illumination
Switching current	10 A	- with potential-free contact
Power consumption	< 0.2 W	- with screw-in lift terminals
230 V incandescent lamps and halogen lamps	1500 W	- illuminated with blue LED if hotel card is not inserted
Conventional transformers	1500 VA	
Electronic transformers	1500 W	
Fluorescent lamps:		
- in Duo circuit	1500 W	
Compact fluorescent lamps	500 W	
Inductive load at cos φ = 0.6	max. 6 A	
Card width	max. 55 mm	
Card thickness	0.8 ... 1.2 mm	
Operating temperature	-5 ... +50 °C	
Screw terminals (max.)	2 x 2.5 mm <sup>2</sup>	
Insertion depth	32 mm	

Neutral conductor necessary!

Design	Order no.	PU
white velvety	<b>* 1640 60 92</b>	1
polar white velvety	<b>* 1640 60 99</b>	1
anthracite velvety	<b>* 1640 60 96</b>	1

**Centre plates for hotel card switches**

New



**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!

**Suitable for**  
Push-button for hotel card

**Order no.** **Page**  
page 61

Design	Order no.	PU
white velvety	★ 1640 60 82	10
polar white velvety	1640 60 89	10
anthracite velvety, lacquered	1640 60 86	10

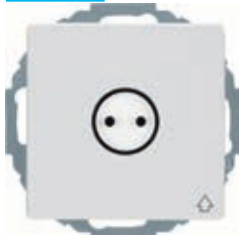
**Accessible construction**



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**

- tactile symbol
- 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.  
Connection terminals according to IEC 60884-1

- with self-closing hinged covers
- with plug-in terminals

**i** 474



Design	Order no.	PU
white velvety	★ 4744 60 42	10
polar white velvety	4744 60 49	10

**Rockers - accessible 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.

New



**Rocker for barrier-free construction**

- guide for mouth rod
- 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**  
Rocker switches  
Rocker push-buttons  
**optional**  
Sealing set for switches/push-buttons

**Order no.** 1010 71 00




**Page**  
page 20  
page 20

223

Design	Order no.	PU
white velvety	★ 1661 60 42	10
polar white velvety	1661 60 49	10

**New**  **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
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	223

Design	Order no.	PU
white velvety	* <b>1651 60 42</b>	10
polar white velvety	<b>1651 60 49</b>	10

**New**  **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
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	223

Design	Order no.	PU
white velvety	* <b>1651 60 52</b>	10
polar white velvety	<b>1651 60 59</b>	10

**New**  **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
<b>optional</b>		
Sealing set for switches/push-buttons	1010 71 00	223

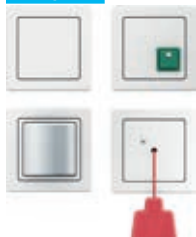
Design	Order no.	PU
white velvety	* <b>1651 60 62</b>	10
polar white velvety	<b>1651 60 69</b>	10

## Hospital installations

### Emergency system

– For installation in standard wall boxes according to DIN 49073-1

New



#### Emergency call set with frame

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

Set consisting of:

- Pullcord push-button 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 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 DC
- centre plates for plug-in fixing
- with screw terminals
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- monitoring of devices triggering calls for wire break

Suitable for optional	Order no.	Page
Cancellation button with frame	5201 60 8 ..	227
Pull button with frame	5202 60 8 ..	227
Light signal with frame	5203 60 8 ..	227
Mains adapter with frame	5204 60 8 ..	228
Cancellation/presence button with frame	5205 60 8 ..	226
Call button with frame	5206 60 8 ..	226

Design

Order no.

PU

#### Berker Q.1

white velvety	★ 5200 60 82	1
polar white velvety	5200 60 89	1

#### Berker Q.3

polar white velvety	5200 60 99	1
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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 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 8 ..	226

Design

Order no.

PU

#### Berker Q.1

white velvety	★ 5206 60 82	1
polar white velvety	5206 60 89	1

#### Berker Q.3

polar white velvety	5206 60 99	1
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New



#### Cancellation/presence button with frame

Operating voltage 24 V=  
Cable length to light signal max. 500 m  
Operating temperature -5 ... +40 °C

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 DIN 49073-1

- with yellow shut-off button
- with green presence button
- as expansion for the emergency call set
- centre plate for plug-in fixing
- with screw terminals
- with visual and acoustic alarm encoder

Suitable for	Order no.	Page
Emergency call set with frame	5200 60 8 ..	226

Design

Order no.

PU

#### Berker Q.1

white velvety	★ 5205 60 82	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= - with quiet lamp  
 Operating temperature -5 ... +40 °C - centre plate for plug-in fixing

To trigger an emergency call in emergency situations.  
 For installation in standard wall boxes according to DIN 49073-1

- for wall and ceiling mounting
- with screw terminals
- with pullcord and knob

<b>Suitable for</b> Emergency call set with frame	<b>Order no.</b> 5200 60 8 ..	<b>Page</b> 226
Design	Order no.	PU

**Berker Q.1**

white velvety	* 5202 60 82	1
polar white velvety	5202 60 89	1
<b>Berker Q.3</b>		
polar white velvety	5202 60 99	1

New



**Cancellation button with frame**

Operating voltage 24 V= - with green shut-off button  
 Operating temperature -5 ... +40 °C - centre plate for plug-in fixing

To switch off the alarm signal (pilot lamp) on arrival at the emergency location.  
 For installation in standard wall boxes according to DIN 49073-1

- with screw terminals

<b>Suitable for</b> Emergency call set with frame	<b>Order no.</b> 5200 60 8 ..	<b>Page</b> 226
Design	Order no.	PU

**Berker Q.1**

white velvety	* 5201 60 82	1
polar white velvety	5201 60 89	1
<b>Berker Q.3</b>		
polar white velvety	5201 60 99	1

New



**Light signal with frame**

Operating voltage 24 V= - centre plate for plug-in fixing  
 Operating temperature -5 ... +40 °C - call tone received on voltage failure and return

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 DIN 49073-1

- with potential-free relay contact for call tone forwarding, e.g. to telephone dialler
- with screw terminals
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- with 4 red LEDs

<b>Suitable for</b> Emergency call set with frame	<b>Order no.</b> 5200 60 8 ..	<b>Page</b> 226
Design	Order no.	PU

**Berker Q.1**

white velvety	* 5203 60 82	1
polar white velvety	5203 60 89	1
<b>Berker Q.3</b>		
polar white velvety	5203 60 99	1

Q.1/Q.3  
Built-in elements

New



**Mains adapter with frame**

Operating voltage	24 V=	- centre plate for plug-in fixing
Frequency	50 ... 60 Hz	- with screw terminals
Input voltage	100 ... 240 V~	
Output voltage	24 V=	
Output current	max. 250 mA	
Input current	max. 180 mA	
Operating temperature	-5 ... +40 °C	

**Suitable for**  
Emergency call set with frame

**Order no.**  
5200 60 8 ..

**Page**  
226

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 DIN 49073-1

Design	Order no.	PU
<b>Berker Q.1</b>		
white velvety	* 5204 60 82	1
polar white velvety	5204 60 89	1
<b>Berker Q.3</b>		
polar white velvety	5204 60 99	1



**Central plates for hospital installation**



**Central plate for socket outlet for equipotential bonding**

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**  
Intermediate rings  
Socket outlet for floating output

**Order no.**  
1061

**Page**  
page 162  
64

Design	Order no.	PU
polar white matt/velvety	1403 19 09	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: white and polar white velvety, anthracite velvety lacquered



reddot design award  
winner 2009

DESIGN PLUS

## Frames

Plastic, velvety  
white  
polar white  
anthracite, lacquered  
red  
green  
orange

similar to RAL 1013  
similar to RAL 9010  
similar to RAL 7021  
similar to RAL 3003  
similar to RAL 6029  
similar to RAL 2003

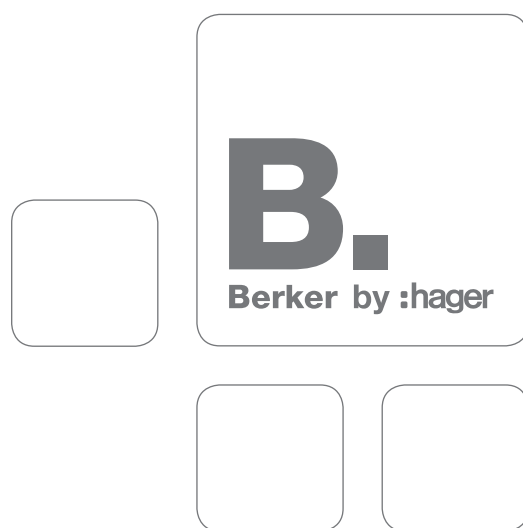


Frames 232

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Surface-mounted frames 234


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Q.1/Q.3  
Frames


**Frames**

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

	<b>New</b>	<b>Frame</b>		<b>i</b>	<b>479</b>	
			– for vertical and horizontal mounting			
			<b>Suitable for optional Sealings IP44</b>	<b>Order no.</b>	<b>Page</b>	page 223
	Design		Order no.		PU	
	white velvety, 1gang		<b>* 1011 60 82</b>			10
	white velvety, 2gang		<b>* 1012 60 82</b>			10
	white velvety, 3gang		<b>* 1013 60 82</b>			2
white velvety, 4gang		<b>* 1014 60 82</b>			2	
white velvety, 5gang		<b>* 1015 60 82</b>			2	

		<b>Frame</b>		<b>i</b>	<b>479</b>	
			– for vertical and horizontal mounting			
			<b>Suitable for optional Sealings IP44</b>	<b>Order no.</b>	<b>Page</b>	page 223
	Design		Order no.		PU	
	polar white velvety, 1gang		<b>1011 60 89</b>			10
	polar white velvety, 2gang		<b>1012 60 89</b>			10
	polar white velvety, 3gang		<b>1013 60 89</b>			2
polar white velvety, 4gang		<b>1014 60 89</b>			2	
polar white velvety, 5gang		<b>1015 60 89</b>			2	

		<b>Frame</b>		<b>i</b>	<b>479</b>	
			– for vertical and horizontal mounting			
			<b>Suitable for optional Sealings IP44</b>	<b>Order no.</b>	<b>Page</b>	page 223
	Design		Order no.		PU	
	anthracite velvety, lacquered, 1gang		<b>1011 60 86</b>			10
	anthracite velvety, lacquered, 2gang		<b>1012 60 86</b>			10
	anthracite velvety, lacquered, 3gang		<b>1013 60 86</b>			2
anthracite velvety, lacquered, 4gang		<b>1014 60 86</b>			2	
anthracite velvety, lacquered, 5gang		<b>1015 60 86</b>			2	

		<b>Frame</b>		<b>i</b>	<b>479</b>	
			– for emphasising special switches, socket outlets, etc.			
			– for vertical and horizontal mounting			
			<b>Suitable for optional Sealings IP44</b>	<b>Order no.</b>	<b>Page</b>	page 223
	Design		Order no.		PU	
	red velvety, 1gang		<b>1011 60 62</b>			10
	red velvety, 2gang		<b>1012 60 62</b>			10
red velvety, 3gang		<b>1013 60 62</b>			2	
red velvety, 4gang		<b>1014 60 62</b>			2	
red velvety, 5gang		<b>1015 60 62</b>			2	

New



**Frame**

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white velvety, 1gang	* 1011 60 12	10
white velvety, 2gang vertical	* 1012 60 12	10
white velvety, 3gang vertical	* 1013 60 12	10
white velvety, 4gang vertical	* 1014 60 12	2
white velvety, 5gang vertical	* 1015 60 12	2
white velvety, 2gang horizontal	* 1022 60 12	10
white velvety, 3gang horizontal	* 1023 60 12	10
white velvety, 4gang horizontal	* 1024 60 12	2
white velvety, 5gang horizontal	* 1025 60 12	2



**Frame**

- labelling field



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



**Frame**

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

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

**Frames with large cut-out**


New




**Frame with large cut-out**


- for vertical mounting **i** 479

Design	Order no.	PU
white velvety	* 1309 60 82	

	<b>Frame with large cut-out</b>		<b>i 479</b>
	Not suitable for surface-mounted frames.	- for vertical mounting	
Design	Order no.	PU	
polar white velvety	<b>1309 60 89</b>	10	

	<b>Frame with large cut-out</b>		<b>i 479</b>
	Not suitable for surface-mounted frames.	- for vertical mounting	
Design	Order no.	PU	
anthracite velvety, lacquered	<b>1309 60 86</b>	10	

### Surface-mounted frames

	<b>Frame surface-mounted</b>			
	Insertion depth	33.5 mm	- entry at top and bottom possible - with cable and duct entry	
	Flush-mounted devices can be used with surface-mounted frames for surface-mounted installation.			
	For matching pipe lead-ins and replacement for cable and duct entries, refer to the chapter Dry surface-mounted installation.			
Design	Order no.	PU		
polar white glossy, 1gang	<b>1029 00 69</b>	10		
polar white glossy, 2gang	<b>1030 00 69</b>	10		
polar white glossy, 3gang	<b>1031 00 69</b>	5		
anthracite velvety, lacquered, 1gang	<b>1029 60 86</b>	10		
anthracite velvety, lacquered, 2gang	<b>1030 60 86</b>	10		
anthracite velvety, lacquered, 3gang	<b>1031 60 86</b>	5		
red glossy, 1gang	<b>1029 00 62</b>	10		
red glossy, 2gang	<b>1030 00 62</b>	10		
red glossy, 3gang	<b>1031 00 62</b>	5		

### Base plates

	<b>Base plate 1gang, self-extinguishing</b>			
	For surface-mounted frames of the design lines: - Berker Q.1 - Berker Arsys	- with imprint - for mounting on combustible base surface - for surface-mounted frame 1gang		
Design	Order no.	PU		
white, 1gang	<b>1021 12</b>	10		

	<b>Base plate 2gang, self-extinguishing</b>			
	For surface-mounted frames of the design lines: - Berker Q.1 - Berker Arsys	- with imprint - for mounting on combustible base surface - for surface-mounted frame 2gang		
Design	Order no.	PU		
white, 2gang	<b>1021 22</b>	10		



**Base plate 3gang, self-extinguishing**

For surface-mounted frames of the design lines:

- Berker Q.1
- Berker Arsys

- with imprint
- for mounting on combustible base surface
- for surface-mounted frame 3gang

Design	Suitable for	Order no.	Page
white, 3gang	Surface-mounted frames	<b>1021 32</b>	page 234 PU 10

# 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: white and polar white velvety, anthracite velvety lacquered



## Frames

Plastic, velvety

white

polar white

anthracite, lacquered

red

green

orange

similar to RAL 1013

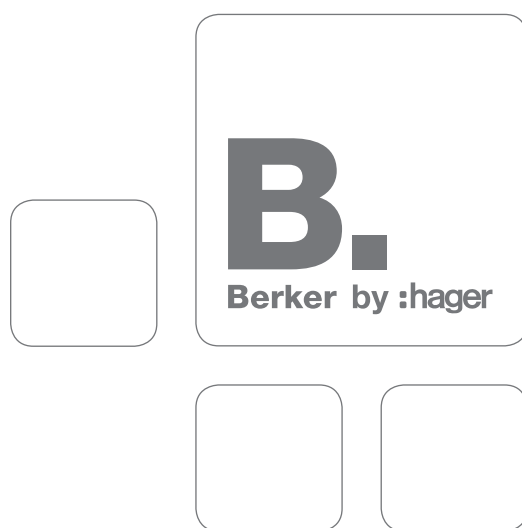
similar to RAL 9010

similar to RAL 7021

similar to RAL 3003




similar to RAL 6029



similar to RAL 2003








**Frames**

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

  	<b>Frame</b>		<b>i</b>	<b>479</b>
		- for vertical and horizontal mounting		
		<b>Suitable for optional Sealings IP44</b>	<b>Order no.</b>	<b>Page</b>
				page 223
	Design	Order no.		PU
	white velvety, 1gang	★ <b>1011 60 92</b>		10
	white velvety, 2gang	★ <b>1012 60 92</b>		2
white velvety, 3gang	★ <b>1013 60 92</b>		2	
white velvety, 4gang	★ <b>1014 60 92</b>		2	
white velvety, 5gang	★ <b>1015 60 92</b>		2	

 	<b>Frame</b>		<b>i</b>	<b>479</b>
		- for vertical and horizontal mounting		
		<b>Suitable for optional Sealings IP44</b>	<b>Order no.</b>	<b>Page</b>
				page 223
	Design	Order no.		PU
	polar white velvety, 1gang	<b>1011 60 99</b>		10
	polar white velvety, 2gang	<b>1012 60 99</b>		2
polar white velvety, 3gang	<b>1013 60 99</b>		2	
polar white velvety, 4gang	<b>1014 60 99</b>		2	
polar white velvety, 5gang	<b>1015 60 99</b>		2	

 	<b>Frame</b>		<b>i</b>	<b>479</b>
		- for vertical and horizontal mounting		
		<b>Suitable for optional Sealings IP44</b>	<b>Order no.</b>	<b>Page</b>
				page 223
	Design	Order no.		PU
	anthracite velvety, lacquered, 1gang	<b>1011 60 96</b>		10
	anthracite velvety, lacquered, 2gang	<b>1012 60 96</b>		2
anthracite velvety, lacquered, 3gang	<b>1013 60 96</b>		2	
anthracite velvety, lacquered, 4gang	<b>1014 60 96</b>		2	
anthracite velvety, lacquered, 5gang	<b>1015 60 96</b>		2	

 	<b>Frame</b>			
	- labelling field	- also suitable for cable ducts		
				
	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.			
	When the frame has been dismantled, the labelling field remains on the insert.			
	Design	Order no.		PU
	1gang	★ <b>1051 60 92</b>		10
2gang horizontal	★ <b>1022 60 92</b>		10	
2gang vertical	★ <b>1052 60 92</b>		10	
3gang horizontal	★ <b>1023 60 92</b>		10	
3gang vertical	★ <b>1053 60 92</b>		10	





**Frame**

- labelling field

- also suitable for cable ducts



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.

When the frame has been dismantled, the labelling field remains on the insert.

Design	Order no.	PU
polar white velvety, 1gang	<b>1051 60 99</b>	10
polar white velvety, 2gang horizontal	<b>1022 60 99</b>	10
polar white velvety, 2gang vertical	<b>1052 60 99</b>	10
polar white velvety, 3gang horizontal	<b>1023 60 99</b>	10
polar white velvety, 3gang vertical	<b>1053 60 99</b>	10

**Frames with large cut-out**

New



**Frame with large cut-out**

**i 479**

Not suitable for surface-mounted housing.

- for vertical mounting

Design	Order no.	PU
white velvety	<b>* 1309 60 92</b>	2



**Frame with large cut-out**

**i 479**

Not suitable for surface-mounted frames.

- for vertical mounting

Design	Order no.	PU
polar white velvety	<b>1309 60 99</b>	2



**Frame with large cut-out**

**i 479**

Not suitable for surface-mounted frames.

- for vertical mounting

Design	Order no.	PU
anthracite velvety, lacquered	<b>1309 60 96</b>	2

# Berker K.1/K.5

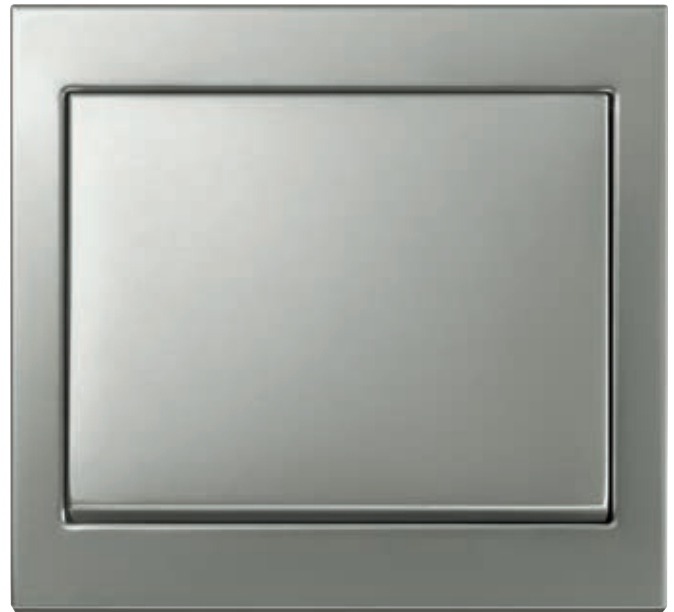
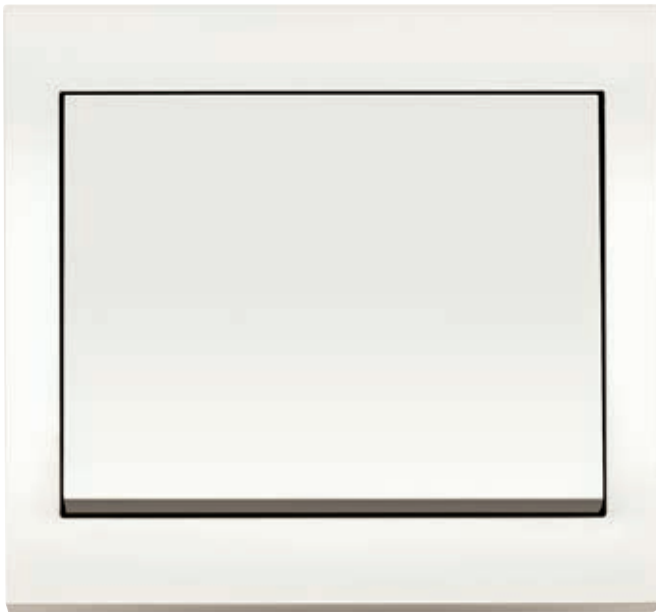
Profiled, contoured, sleek: the Berker K.1 and its sister programme, Berker K.5, are perfect examples for straight designs. It gets better: the Berker K.5 is now also available in fully-anodised aluminium, as well as in its classic stainless steel variant.

## 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
- Also available in fully-anodised aluminium (according to E6EV1)



DESIGN PLUS



**M**  
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

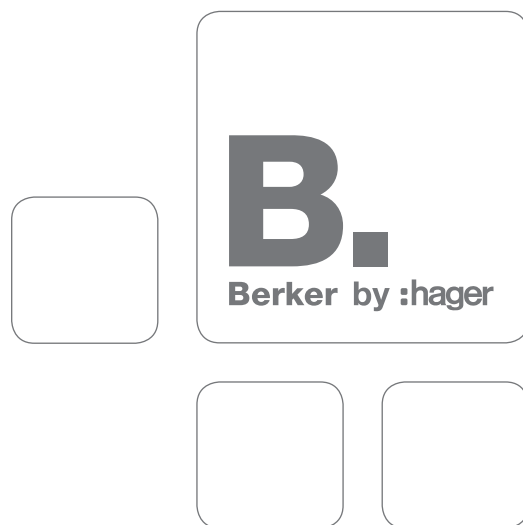
anthracite	similar to RAL 7021
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Metal, matt finish  
stainless steel

Metal, anodised  
aluminium (according to E6EV1)

Individual items that cannot be coated  
for technical reasons are lacquered.

Schuko socket outlets	242
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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 outlet

**i** 474

Rated voltage 250 V~ - with plug-in terminals  
Rated current 16 A

Design	Order no.	PU
polar white glossy	<b>4715 70 09</b>	10
anthracite matt, lacquered	<b>4715 70 06</b>	10
Aluminium, aluminium anodised	<b>4715 70 03</b>	10
Stainless steel, metal matt finish	<b>4715 70 04</b>	10



### SCHUKO socket outlet

**i** 474

- enhanced contact protection
- with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A

Design	Order no.	PU
polar white glossy	<b>4735 70 09</b>	10
anthracite matt, lacquered	<b>4735 70 06</b>	10
Aluminium, aluminium anodised	<b>4735 70 03</b>	10
Stainless steel, metal matt finish	<b>4735 70 04</b>	10



### SCHUKO socket outlet

**i** 474

- screw-in lift terminals
- with screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A

Design	Order no.	PU
polar white glossy	<b>4115 70 09</b>	10
anthracite matt, lacquered	<b>4115 70 06</b>	10
Aluminium, aluminium anodised	<b>4115 70 03</b>	10
Stainless steel, metal matt finish	<b>4115 70 04</b>	10



### SCHUKO socket outlet

**i** 474

- 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	<b>4135 70 09</b>	10
anthracite matt, lacquered	<b>4135 70 06</b>	10
Aluminium, aluminium anodised	<b>4135 70 03</b>	10
Stainless steel, metal matt finish	<b>4135 70 04</b>	10





**SCHUKO socket outlet**

- labelling field

- with plug-in terminals

**i** 474



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	<b>4739 70 09</b>	10
anthracite matt, lacquered	<b>4739 70 06</b>	10
aluminium matt, lacquered	<b>4739 70 03</b>	10
stainless steel matt, lacquered	<b>4739 70 04</b>	10



**SCHUKO socket outlet**

- labelling field
- enhanced contact protection

- with plug-in terminals

**i** 474



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	<b>4738 70 09</b>	10
anthracite matt, lacquered	<b>4738 70 06</b>	10
aluminium matt, lacquered	<b>4738 70 03</b>	10
stainless steel matt, lacquered	<b>4738 70 04</b>	10



**SCHUKO socket outlet 45°**

- labelling field

- for diagonal installation
- with plug-in terminals

**i** 474



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	<b>4728 71 09</b>	10
anthracite matt, lacquered	<b>4728 71 06</b>	10
aluminium matt, lacquered	<b>4728 71 03</b>	10
stainless steel matt, lacquered	<b>4728 71 04</b>	10





**SCHUKO socket outlet with LED orientation light**

**i** 474

- 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 mm <sup>2</sup>

- 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

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	<b>4109 70 09</b>	10
anthracite matt, lacquered	<b>4109 70 06</b>	10
aluminium matt, lacquered	<b>4109 70 03</b>	10
stainless steel matt, lacquered	<b>4109 70 04</b>	10



**SCHUKO socket outlet with control LED**

**i** 474

- labelling field
- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A

- with screw-in lift terminals

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white glossy	<b>4110 70 09</b>	10



**Double SCHUKO socket outlet with cover plate**

**i** 474

Rated voltage	250 V~	- with plug-in terminals
Rated current	16 A	
Assembling height	22 mm	

For installation in 1gang wall boxes according to DIN 49073-1

Design	Order no.	PU
polar white glossy	<b>4753 70 09</b>	10
anthracite matt, lacquered	<b>4753 70 06</b>	10
aluminium matt, lacquered	<b>4753 70 03</b>	10
stainless steel matt, lacquered	<b>4753 70 04</b>	10





**Double SCHUKO socket outlet with cover plate**

**i 474**

- 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 DIN 49073-1

Design	Order no.	PU
polar white glossy	<b>4729 70 09</b>	10
anthracite matt, lacquered	<b>4729 70 06</b>	10
aluminium matt, lacquered	<b>4729 70 03</b>	10
stainless steel matt, lacquered	<b>4729 70 04</b>	10



**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.



**SCHUKO socket outlet with hinged cover**

**i 474**

- 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	<b>4751 71 09</b>	10
anthracite matt, lacquered	<b>4751 71 06</b>	10
Aluminium, aluminium anodised	<b>4751 71 03</b>	10
Stainless steel, metal matt finish	<b>4751 71 04</b>	10



**SCHUKO socket outlet with hinged cover**

**i 474**

- enhanced contact protection
- with self-closing hinged covers
- with imprint
- with plug-in terminals



Rated voltage	250 V~	<b>Suitable for optional</b>	<b>Order no.</b>	<b>Page</b>
Rated current	16 A	Sealing set for socket outlets/centre plates		page 269

Design	Order no.	PU
polar white glossy	<b>4751 72 09</b>	10
anthracite matt, lacquered	<b>4751 72 06</b>	10
Aluminium, aluminium anodised	<b>4751 72 03</b>	10
Stainless steel, metal matt finish	<b>4751 72 04</b>	10



**SCHUKO socket outlet with hinged cover**

**i 474**

- 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	<b>4747 71 09</b>	10
anthracite matt, lacquered	<b>4747 71 06</b>	10
Aluminium, aluminium anodised	<b>4747 71 03</b>	10
Stainless steel, metal matt finish	<b>4747 71 04</b>	10





**SCHUKO socket outlet with hinged cover**

**i** 474

- labelling field
- 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

Labelling field height arranged for 6 mm P-touch strips.

Specially suited to combinations of several socket outlets if right angle plugs are used.

Design	Order no.	PU
polar white glossy	<b>4752 71 09</b>	10
anthracite matt, lacquered	<b>4752 71 06</b>	10
Aluminium, aluminium anodised	<b>4752 71 03</b>	10
Stainless steel, metal matt finish	<b>4752 71 04</b>	10



**SCHUKO socket outlet with hinged cover**

**i** 474

- labelling field
- enhanced contact protection

- with self-closing hinged covers
- with imprint
- with plug-in terminals



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.

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates		page 269

Design	Order no.	PU
polar white glossy	<b>4752 72 09</b>	10
anthracite matt, lacquered	<b>4752 72 06</b>	10
Aluminium, aluminium anodised	<b>4752 72 03</b>	10
Stainless steel, metal matt finish	<b>4752 72 04</b>	10



**SCHUKO socket outlet with hinged cover**

**i** 474

- labelling field
- enhanced contact protection
- installation position variable in 45° steps

- 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

Labelling field height arranged for 6 mm P-touch strips.

Specially suited to combinations of several socket outlets if right angle plugs are used.

Design	Order no.	PU
polar white glossy	<b>4748 71 09</b>	10
anthracite matt, lacquered	<b>4748 71 06</b>	10
Aluminium, aluminium anodised	<b>4748 71 03</b>	10
Stainless steel, metal matt finish	<b>4748 71 04</b>	10





**SCHUKO socket outlets for special applications**



**SCHUKO socket outlet**

**i 474**

Rated voltage 250 V~ - with plug-in terminals  
Rated current 16 A

Insert colour-coded.

Design	Order no.	PU
red glossy	<b>4715 70 15</b>	10
green glossy	<b>4715 70 13</b>	10
orange glossy	<b>4715 70 14</b>	10



**SCHUKO socket outlet with imprint**

**i 474**

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 glossy, imprint "EDV"	<b>4715 71 15</b>	10
green glossy, imprint "SV"	<b>4715 71 13</b>	10
orange glossy, imprint "ZSV"	<b>4715 71 14</b>	10



**SCHUKO socket outlet**

**i 474**

- 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	<b>4739 70 15</b>	10
green glossy	<b>4739 70 13</b>	10
orange glossy	<b>4739 70 14</b>	10



**SCHUKO socket outlet with imprint**

**i 474**

- 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"	<b>4739 71 15</b>	10
green glossy, imprint "SV"	<b>4739 71 13</b>	10
orange glossy, imprint "ZSV"	<b>4739 71 14</b>	10





**SCHUKO socket outlet with control LED and imprint**

**i** 474

- 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 according to VDE 0100-710

Design	Order no.	PU
red glossy, imprint "EDV"	<b>4110 71 15</b>	10
green glossy, imprint "SV"	<b>4110 71 13</b>	10
orange glossy, imprint "ZSV"	<b>4110 71 14</b>	10



## Flush-mounted safety devices

### SCHUKO socket outlets with safety device



**SCHUKO socket outlet with overvoltage protection**

**i** 476

- labelling field
- screw terminals

- with indicator LED for "on/error"
- with acoustic fault signal
- with imprint
- with screw terminals



Rated voltage 250 V~  
Rated current 16 A  
Insertion depth 32 mm  
Frequency 50/60 Hz

Labelling field height arranged for P-touch strips 6 mm.  
Connection terminals according to IEC 60884-1  
Overvoltage protection according to EN 61643 and VDE 0675-6-11

Design	Order no.	PU
polar white glossy	<b>4152 71 09</b>	1
anthracite matt, lacquered	<b>4152 71 06</b>	1
aluminium matt, lacquered	<b>4152 71 03</b>	1
stainless steel matt, lacquered	<b>4152 71 04</b>	1
red glossy	<b>4152 71 15</b>	1





**SCHUKO socket outlet with residual current circuit-breaker**

**i** 475

- enhanced contact protection



Rated voltage	250 V~
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
Frequency	50/60 Hz

- type A for alternating currents and pulsating direct currents
- to protect connected and downstream loads
- with plug-in terminals
- with spreader claws

Through-wired socket outlets are also protected.  
For use in old installations with provision made to safeguard existing standards without additional protective regulations  
Connection terminals according to IEC 60884-1  
Tested conform VDE 0664 (EN 61008)

Design	Order no.	PU
polar white glossy	<b>4708 70 09</b>	1
anthracite matt, lacquered	<b>4708 70 06</b>	1
aluminium matt, lacquered	<b>4708 70 03</b>	1
stainless steel matt, lacquered	<b>4708 70 04</b>	1



**Covers for protection switch**



**50 x 50 mm centre plate for RCD protection switch**

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

Suitable for	Order no.	Page
Adapter ring for centre plate 50 x 50 mm Residual current circuit-breaker	2844	page 265 437

Design	Order no.	PU
polar white glossy	<b>1493 09</b>	1
anthracite matt	<b>1493 16 06</b>	1
stainless steel matt, lacquered	<b>1493 04</b>	1

**International socket outlet systems**

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

**Socket outlets without earthing contact**



**Socket outlet without earthing contact**

**i** 474

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	<b>61 6715 70 09</b>	10
anthracite matt, lacquered	<b>61 6715 70 06</b>	10
aluminium matt, lacquered	<b>61 6715 70 03</b>	10
stainless steel matt, lacquered	<b>61 6715 70 04</b>	10



**Socket outlets with earthing pin**



**Socket outlet with earthing pin**

**i** 474

- 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	<b>67 6875 70 09</b>	10
anthracite matt, lacquered	<b>67 6875 70 06</b>	10
Aluminium, aluminium anodised	<b>67 6875 70 03</b>	10
Stainless steel, metal matt finish	<b>67 6875 70 04</b>	10



**Socket outlet with earthing pin**

**i** 474

- 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	<b>67 6575 70 09</b>	10
anthracite matt, lacquered	<b>67 6575 70 06</b>	10
Aluminium, aluminium anodised	<b>67 6575 70 03</b>	10
Stainless steel, metal matt finish	<b>67 6575 70 04</b>	10



**Socket outlet with earthing pin and LED orientation light**

**i** 474

- 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~  
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 mm<sup>2</sup>  
Frequency 50/60 Hz

**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	<b>67 6510 70 09</b>	10
anthracite matt	<b>67 6510 70 06</b>	10
aluminium matt, lacquered	<b>67 6510 70 03</b>	10
stainless steel matt, lacquered	<b>67 6510 70 04</b>	10





**Socket outlet with earth contact pin and monitoring LED**

**i 474**

- 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	<b>67 6509 70 09</b>	10



**Socket outlet with earthing pin and hinged cover**

**i 474**

- 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	<b>67 6877 71 09</b>	10
anthracite matt, lacquered	<b>67 6877 71 06</b>	10
Aluminium, aluminium anodised	<b>67 6877 71 03</b>	10
Stainless steel, metal matt finish	<b>67 6877 71 04</b>	10



**Socket outlet with earthing pin and hinged cover**

**i 474**

- 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	<b>67 6577 71 09</b>	10
anthracite matt, lacquered	<b>67 6577 71 06</b>	10
Aluminium, aluminium anodised	<b>67 6577 71 03</b>	10
Stainless steel, metal matt finish	<b>67 6577 71 04</b>	10

**Socket outlets with earthing pin for special applications**



**Socket outlet with earth contact pin and monitoring LED**

**i 474**

- 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	<b>67 6509 70 15</b>	10
green glossy	<b>67 6509 70 13</b>	10
orange glossy	<b>67 6509 70 14</b>	10

**BRITISH STANDARD socket outlets**



**Socket outlet insert with earthing contact  
BRITISH STANDARD, can be switched off**

- enhanced contact protection
- screw terminals



Rated voltage  
Rated current

250 V~  
13 A

- without spreader claws
- 2pole + earth
- with screw terminals

**Suitable for**  
Centre plate for socket outlets,  
British Standard, can be switched off

**Order no.** **Page**  
page 252



Design	Order no.	PU
polar white glossy	<b>5342 02 19</b>	10
anthracite matt	<b>5342 02 16</b>	10



**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.** **Page**  
page 252

Design	Order no.	PU
polar white glossy	<b>33 1307 70 09</b>	10
anthracite matt, lacquered	<b>33 1307 70 06</b>	10
Aluminium, aluminium anodised	<b>33 1307 70 13</b>	10
Stainless steel, metal matt finish	<b>33 1307 70 14</b>	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.



**Rocker**

Not suitable for rocker push-button switches.

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

**Suitable for**  
Rocker switches  
Rocker push-buttons  
**optional**  
Sealing set for switches/push-buttons

**Order no.** **Page**  
page 20  
page 20  
page 270

Design	Order no.	PU
polar white glossy	<b>1405 70 09</b>	10
anthracite matt, lacquered	<b>1405 70 06</b>	10
Aluminium, aluminium anodised	<b>1405 70 03</b>	10
Stainless steel, metal matt finish	<b>1405 70 04</b>	10



**Rocker**

- labelling field



Not suitable for rocker push-button switches.  
For labelling with names, notes etc.

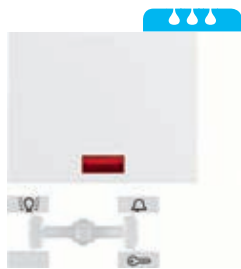
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

**Suitable for**  
Rocker switches  
Rocker push-buttons  
**optional**  
Sealing set for switches/push-buttons

**Order no.** **Page**  
page 20  
page 20  
page 270

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

Design	Order no.	PU
polar white glossy	<b>1426 70 09</b>	10
anthracite matt, lacquered	<b>1426 70 06</b>	10
Aluminium, aluminium anodised	<b>1426 70 03</b>	10
Stainless steel, metal matt finish	<b>1426 70 04</b>	10



**Rocker**

- lens



Not suitable for rocker push-button switches.  
Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.  
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

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Rocker switches		page 20
Rocker push-buttons		page 20
<b>optional</b>		
Sealing set for switches/push-buttons		page 270

Design	Order no.	PU
polar white glossy	<b>1415 70 09</b>	10
anthracite matt, lacquered	<b>1415 70 06</b>	10
Aluminium, aluminium anodised	<b>1415 70 03</b>	10
Stainless steel, metal matt finish	<b>1415 70 04</b>	10



**Rocker**

- labelling field
- lens



Not suitable for rocker push-button switches.  
Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.  
For labelling with names, notes etc.

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

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Rocker switches		page 20
Rocker push-buttons		page 20
<b>optional</b>		
Sealing set for switches/push-buttons		page 270

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.

Design	Order no.	PU
polar white glossy	<b>1415 71 09</b>	10
anthracite matt, lacquered	<b>1415 71 06</b>	10
Aluminium, aluminium anodised	<b>1415 71 03</b>	10
Stainless steel, metal matt finish	<b>1415 71 04</b>	10



**Rocker**

- large labelling field
- lens



Labelling field (W x H)  $\approx 49.5 \times 20.3$  mm  
Not suitable for rocker push-button switches.  
Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.  
Labelling field height arranged for 2 9 mm P-touch strips.  
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

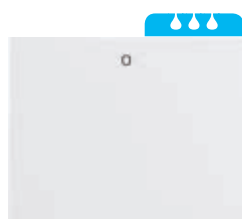
<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Rocker switches		page 20
Rocker push-buttons		page 20
<b>optional</b>		
Sealing set for switches/push-buttons		page 270

Design	Order no.	PU
polar white glossy	<b>1496 70 09</b>	10
anthracite matt, lacquered	<b>1496 70 06</b>	10
aluminium matt, lacquered	<b>1496 70 03</b>	10
stainless steel matt, lacquered	<b>1496 70 04</b>	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.



**Rocker with imprint "0"**

Not suitable for rocker push-button switches.

Design

polar white glossy

anthracite matt, lacquered

Aluminium, aluminium anodised

Stainless steel, metal matt finish

Suitable for

Multi-pole rocker switches

optional

Sealing set for switches/push-buttons

Order no.

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page 25

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Order no.

PU

**1425 71 09**

10

**1425 71 06**

10

**1425 71 03**

10

**1425 71 04**

10



**Rocker with imprint "0"**

- red lens



Not suitable for rocker push-button switches.

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.

Design

polar white glossy

anthracite matt, lacquered

Aluminium, aluminium anodised

Stainless steel, metal matt finish

- for illumination and monitoring circuit

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

Suitable for

Multi-pole rocker switches

optional

Sealing set for switches/push-buttons

Order no.

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page 25

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Order no.

PU

**1417 71 09**

10

**1417 71 06**

10

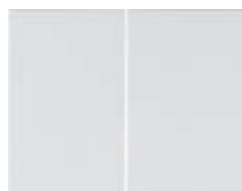
**1417 71 03**

10

**1417 71 04**

10

**Multiple Rockers**



**Rocker 2gang**

Not suitable for rockers push-button switches.

Design

polar white glossy

anthracite matt, lacquered

Aluminium, aluminium anodised

Stainless steel, metal matt finish

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

Suitable for

Rocker switches, 2gang

Series push-buttons

Order no.

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page 28

Order no.

PU

**1435 70 09**

10

**1435 70 06**

10

**1435 70 03**

10

**1435 70 04**

10



**Rocker 2gang**

- red lens



Not suitable for rockers push-button switches.

Design

polar white glossy

anthracite matt, lacquered

aluminium matt, lacquered

stainless steel matt, lacquered

- for illumination and monitoring circuit

- 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 28

Order no.

PU

**1437 70 09**

10

**1437 70 06**

10

**1437 70 03**

10

**1437 70 04**

10





<b>Button 2gang</b>				<b>i</b> 468
	Operating voltage	via insert	– with 2-push-buttons operation concept per series – low intrinsic energy requirement	
		<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
		Switch insert 2gang	8512 22 00	44
		Universal touch dimmer 2gang	8542 21 00	46
	Design	Order no.		PU
	polar white glossy	<b>8514 21 79</b>		1
	anthracite matt, lacquered	<b>8514 21 75</b>		1
	aluminium, matt, lacquered	<b>8514 21 77</b>		1
	stainless steel matt, lacquered	<b>8514 21 73</b>		1

**Motion detector covers**

<b>IR Motion detector comfort</b>				<b>i</b> 468
	Delay time, adjustable	≈ 10 s ... 30 min	– with memory function for presence simulation	
	Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	– 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	
		<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
		Inserts		page 68
	Design	Order no.		PU
	<b>Nominal mounting height 1.1 m</b>			
	polar white glossy	<b>8534 12 79</b>		1
	anthracite matt, lacquered	<b>8534 12 75</b>		1
	aluminium, matt, lacquered	<b>8534 12 77</b>		1
	stainless steel matt, lacquered	<b>8534 12 73</b>		1
	<b>Nominal mounting height 2.2 m</b>			
	polar white glossy	<b>8534 22 79</b>		1
	anthracite matt, lacquered	<b>8534 22 75</b>		1
	aluminium, matt, lacquered	<b>8534 22 77</b>		1
	stainless steel matt, lacquered	<b>8534 22 73</b>		1

<b>Motion detector</b>				<b>i</b> 468
	Delay time	≈ 180 s	– with memory function for presence simulation	
	Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	– 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	
		<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
		Inserts		page 68
	Design	Order no.		PU
	<b>Nominal mounting height 1.1 m</b>			
	polar white glossy	<b>8534 11 79</b>		1
	anthracite matt, lacquered	<b>8534 11 75</b>		1
	aluminium, matt, lacquered	<b>8534 11 77</b>		1
	stainless steel matt, lacquered	<b>8534 11 73</b>		1
	<b>Nominal mounting height 2.2 m</b>			
	polar white glossy	<b>8534 21 79</b>		1
	anthracite matt, lacquered	<b>8534 21 75</b>		1
	aluminium, matt, lacquered	<b>8534 21 77</b>		1
	stainless steel matt, lacquered	<b>8534 21 73</b>		1

**Blind buttons**



**Blind button**

- Delay time, adjustable 0 s ... 500 s
- Change-over time for change of direction < 0.6 s
- Minimum slat adjustment time ≈ 250 ms
- Venetian blind movement time 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

**i** 468

Can be switched to orientation led by extension unit - this function will be available from Q3 2015.

**Suitable for** Blind insert comfort **Order no.** 8522 11 00 **Page** 91

Design	Order no.	PU
polar white glossy	<b>8524 11 79</b>	1
anthracite matt, lacquered	<b>8524 11 75</b>	1
aluminium, matt, lacquered	<b>8524 11 77</b>	1
stainless steel matt, lacquered	<b>8524 11 73</b>	1



**Time switches for blinds**



**Blind time switch**

- display
- Change-over time for change of direction < 0.6 s
- Minimum slat adjustment time ≈ 250 ms
- Running time 2 min
- Random number generator ± 15 min
- Astronomic time shift ± 2 h
- Power reserve ≈ 24 h
- Number of operation times for up/down 20

- 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
- 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
- 2 independent preset programme memories, individually adaptable
- with automatic summer-/winter time switching (can be switched off)
- with switchover manual/automatic mode

**i** 468

Control using device buttons and programmed switching times.

Can be switched to orientation led by extension unit - this function will be available from Q3 2015.

**Suitable for** Blind insert comfort **Order no.** 8522 11 00 **Page** 91

Design	Order no.	PU
polar white glossy	<b>8574 11 79</b>	1
anthracite matt, lacquered	<b>8574 11 75</b>	1
aluminium, matt, lacquered	<b>8574 11 77</b>	1
stainless steel matt, lacquered	<b>8574 11 73</b>	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.



**Centre plate for rotary dimmer**

- setting knob
- Axis dimension Ø 4 mm

**Suitable for** Rotary dimmers  
Rotary potentiometers DALI  
1-10 V Rotary potentiometers  
**optional** Sealing set for socket outlets/centre plates **Order no.** **Page** page 36  
page 39  
page 40  
page 269

Design	Order no.	PU
polar white glossy	<b>1135 70 09</b>	10
anthracite matt, lacquered	<b>1135 70 06</b>	10
Aluminium, aluminium anodised	<b>1135 70 03</b>	10
Stainless steel, metal matt finish	<b>1135 70 04</b>	10

## Covers for blind switches/push-buttons

### Rockers with imprint

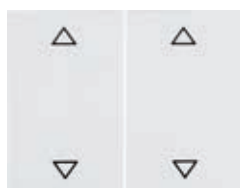


#### Rocker 2gang with imprinted arrow symbol

- also for KNX applications: push-button, 2gang
- for blind series switch/push-button

Design	Order no.	Page
polar white glossy	<b>1435 71 09</b>	10
anthracite matt, lacquered	<b>1435 71 06</b>	10
Aluminium, aluminium anodised	<b>1435 71 03</b>	10
Stainless steel, metal matt finish	<b>1435 71 04</b>	10

**Suitable for** Switches/ push-buttons for blinds **Order no.** **Page** page 84



#### Rocker 2gang with imprinted arrows symbol

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

Design	Order no.	Page
polar white glossy	<b>1435 72 09</b>	10
anthracite matt, lacquered	<b>1435 72 06</b>	10
Aluminium, aluminium anodised	<b>1435 72 03</b>	10
Stainless steel, metal matt finish	<b>1435 72 04</b>	10

**Suitable for** Group series push-button, 4 NO contacts, common input terminal **Order no.** 5034 04 **Page** 29

### 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.



#### Centre plate with rotary knob for rotary switch for blinds

- with imprint

Design	Order no.	Page
polar white glossy	<b>1077 71 09</b>	1
anthracite matt, lacquered	<b>1077 71 06</b>	1
Aluminium, aluminium anodised	<b>1077 71 03</b>	1
Stainless steel, metal matt finish	<b>1077 71 04</b>	1

**Suitable for** Rotary switches for blinds **Order no.** **Page** page 86  
**optional** Sealing set for socket outlets/centre plates page 269  
Interlock disk for rotary switch for blinds 1861 87

### 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.



#### 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.	Page
polar white glossy	<b>1079 71 09</b>	1
anthracite matt, lacquered	<b>1079 71 06</b>	1
Aluminium, aluminium anodised	<b>1079 71 03</b>	1
Stainless steel, metal matt finish	<b>1079 71 04</b>	1

**Suitable for** Switch for blinds 1pole for centre plate with lock 3851 87  
Switch for blinds 2pole for centre plate with lock 3852 87



**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**  
Switch for blinds 1pole for centre plate with lock  
Switch for blinds 2pole for centre plate with lock

Order no.	Page
3851	87
3852	87

Design	Order no.	PU
polar white glossy	<b>1079 72 09</b>	1
anthracite matt, lacquered	<b>1079 72 06</b>	1
Aluminium, aluminium anodised	<b>1079 72 03</b>	1
Stainless steel, metal matt finish	<b>1079 72 04</b>	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**  
Switch for blinds 1pole for centre plate with lock  
Switch for blinds 2pole for centre plate with lock

Order no.	Page
3851	87
3852	87

Design	Order no.	PU
polar white glossy	<b>1079 73 09</b>	1
anthracite matt, lacquered	<b>1079 73 06</b>	1
Aluminium, aluminium anodised	<b>1079 73 03</b>	1
Stainless steel, metal matt finish	<b>1079 73 04</b>	1



**Centre plate for key push-button for blinds/key switch**

- with imprint
- for master-key systems
- for lock cylinder

Suitable for	Order no.	Page
Switch for blinds 1pole for lock cylinder	3821 20	89
Switch for blinds 2pole for lock cylinder	3822 10	89
Push-button for blinds 1pole for lock cylinder	3831 ..	89
Push-button for blinds 2pole for lock cylinder	3832 10	90
Lock cylinder	1818 ..	60

**optional**  
Sealing set for key switch/key push-button page 270

Design	Order no.	PU
polar white glossy	<b>1504 71 09</b>	10
anthracite matt, lacquered	<b>1504 71 06</b>	10
aluminium matt, lacquered	<b>1504 71 03</b>	10
stainless steel matt, lacquered	<b>1504 71 04</b>	10

**Communication/multimedia technology**

- For information on suitable third-party manufacturer articles, see the chapter "Communication/multimedia technology"

**Covers data communications / telecommunications**

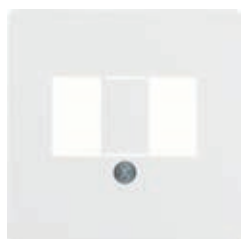


**Centre plate with TAE cut-out**

- also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
230 V USB charging socket outlet	2600 0 ..	120
Loudspeaker connection box	4572 0 ..	121
Stereo loudspeaker connection box	4573 0 ..	122
Modular FCC socket outlet 8/8pole, cat.6A	4584	103
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	103

Design	Order no.	PU
polar white glossy	<b>1035 70 09</b>	10
anthracite matt, lacquered	<b>1035 70 06</b>	10
Aluminium, aluminium anodised	<b>1035 70 03</b>	10
Stainless steel, metal matt finish	<b>1035 70 04</b>	10



**Central plate with TAE cut-out**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- also for KNX applications: USB data interface, flush-mounted

- 1 knock out opening
- labelling field latchable

Suitable for	Order no.	Page
Intermediate rings		page 264
230 V USB charging socket outlet	2600 0 ..	120
Stereo loudspeaker connection box	4573 ..	122
Loudspeaker connection box	4572 ..	121
Modular FCC socket outlet 8/8pole, cat.6A	4584	103
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	103

Design	Order no.	PU
polar white glossy	<b>1458 09</b>	10



**Centre plate for FCC socket outlet**

- for 1gang socket outlet cat.3, cat.5e, cat.6 and cat.6<sub>A</sub> iso
- for WLAN access-points
- with 45° oblique outlet

Suitable for	Order no.	Page
FCC socket outlets 1gang/WLAN access points		page 98

Design	Order no.	PU
polar white glossy	<b>1407 70 09</b>	10
anthracite matt, lacquered	<b>1407 70 06</b>	10
Aluminium, aluminium anodised	<b>1407 70 03</b>	10
Stainless steel, metal matt finish	<b>1407 70 04</b>	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, cat.6 and cat.6<sub>A</sub> iso
- for WLAN access-points
- with 45° oblique outlet
- labelling field latchable

Suitable for	Order no.	Page
FCC socket outlets 1gang/WLAN access points		page 98
Intermediate rings		page 264

Design	Order no.	PU
polar white glossy	<b>1468 09</b>	10



**Centre plate for FCC socket outlet 2gang**

- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6<sub>A</sub> iso
- with 45° oblique outlet

Design	Order no.	Page
polar white glossy	<b>1409 70 09</b>	10
anthracite matt, lacquered	<b>1409 70 06</b>	10
Aluminium, aluminium anodised	<b>1409 70 03</b>	10
Stainless steel, metal matt finish	<b>1409 70 04</b>	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, cat.6 and cat.6<sub>A</sub> iso
- with 45° oblique outlet
- labelling field latchable

Design	Order no.	Page
polar white glossy	<b>1469 09</b>	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 .. and 454201, see "Communication/multimedia technology"

Design	Order no.	Page
polar white glossy	<b>1170 70 09</b>	10
anthracite matt, lacquered	<b>1170 70 06</b>	10
aluminium matt, lacquered	<b>1170 70 03</b>	10
stainless steel matt, lacquered	<b>1170 70 04</b>	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 ..and 454202 see "Communication/multimedia technology"

Design	Order no.	Page
polar white glossy	<b>1182 70 09</b>	10
anthracite matt, lacquered	<b>1182 70 06</b>	10
aluminium matt, lacquered	<b>1182 70 03</b>	10
stainless steel matt, lacquered	<b>1182 70 04</b>	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
- 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

Design	Order no.	Page
polar white glossy	<b>1427 09</b>	10
anthracite matt	<b>1427 16 06</b>	10

**Suitable for**  
Multimedia modules  
Intermediate rings

**Order no.**

**Page**  
page 402  
page 264



**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.	Page
polar white glossy	<b>1472 09</b>	10
anthracite matt	<b>1472 16 06</b>	10

**Suitable for**  
Intermediate rings

**Order no.**

**Page**  
page 264



**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.	Page
polar white glossy	<b>1461 09</b>	10

**Suitable for**  
Intermediate rings

**Order no.**

**Page**  
page 264



**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.	Page
polar white glossy	<b>1463 09</b>	10
anthracite matt	<b>1463 16 06</b>	10

**Suitable for**  
Intermediate rings

**Order no.**

**Page**  
page 264





**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	Suitable for Intermediate rings	Order no.	Page page 264
polar white glossy	Order no.	<b>1464 09</b>	PU 10
anthracite matt		<b>1464 16 06</b>	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	Suitable for Intermediate rings	Order no.	Page page 264
polar white glossy, 2gang	Order no.	<b>1492 09</b>	PU 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	Suitable for Intermediate rings	Order no.	Page page 264
polar white glossy	Order no.	<b>1480 09</b>	PU 10

**Covers for aerial sockets**



**Centre plate for aerial socket 2-/3hole**

- with knock out SAT input

Design	Suitable for	Order no.	Page
polar white glossy anthracite matt, lacquered Aluminium, aluminium anodised Stainless steel, metal matt finish	Aerial socket 2hole single box	4502 10	113
	Aerial socket 2hole throughpass socket	4515 ..	113
	Aerial socket 3hole single box	4522 10	113
	Order no.		PU
		<b>1201 70 19</b>	10
		<b>1201 70 16</b>	10
		<b>1201 70 13</b>	10
		<b>1201 70 14</b>	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)

Design	Suitable for	Order no.	Page
polar white glossy anthracite matt aluminium matt, lacquered stainless steel matt, lacquered	Intermediate rings		page 264
	Aerial socket 4hole single box	4594 10	114
	Order no.		PU
			<b>1484 09</b>
		<b>1484 16 06</b>	10
		<b>1484 70 03</b>	10
		<b>1484 04</b>	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.	Order no.	Page
polar white glossy			PU
anthracite matt	<b>1483 09</b>		10
aluminium matt, lacquered	<b>1483 16 06</b>		10
stainless steel matt, lacquered	<b>1483 70 03</b>		10
	<b>1483 04</b>		10



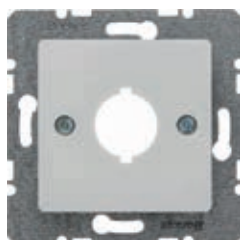
**Central plate for broadband modem socket (Wisi)**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

– with additional multimedia output

Design	Order no.	Order no.	Page
anthracite matt			PU
	<b># 1439 16 06</b>		10

**Central plates for signalling and command units**



**Central plate with installation opening Ø 18.8 mm**

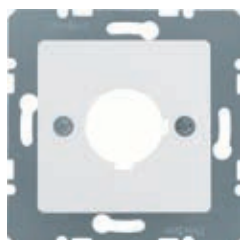
Screw spacing 36 mm

– labelling field latchable  
– with cut-out dia. 18.8 mm

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

Suitable for	Order no.	Page
Intermediate rings		page 264
<b>optional</b>		
Built-in socket for floating output	4604 ..	65

Design	Order no.	Order no.	Page
polar white glossy			PU
anthracite matt	<b>1431 09</b>		10
aluminium matt, lacquered	<b>1431 16 06</b>		10
stainless steel matt, lacquered	<b>1431 70 03</b>		10
	<b>1431 04</b>		10



**Central plate with installation opening Ø 22.5 mm**

Screw spacing 36 mm

– labelling field latchable  
– with cut-out dia. 22.5 mm

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

Installation aperture according to IEC 60947-5-1

Suitable for	Order no.	Page
Intermediate rings		page 264

Design	Order no.	Order no.	Page
polar white glossy			PU
anthracite matt	<b>1432 09</b>		10
aluminium matt, lacquered	<b>1432 16 06</b>		10
stainless steel matt, lacquered	<b>1432 70 03</b>		10
	<b>1432 04</b>		10

**Intermediate rings**

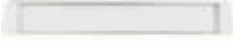



**Intermediate ring for central plate**

– labelling field latchable


Suitable for	Order no.	Page
<b>optional</b>		
Labelling field for intermediate ring		page 265

Design	Order no.	Order no.	Page
polar white glossy			PU
anthracite matt, lacquered	<b>1108 70 09</b>		10
aluminium matt, lacquered	<b>1108 70 06</b>		10
stainless steel matt, lacquered	<b>1108 70 03</b>		10
	<b>1108 70 04</b>		10


<b>Labelling field for intermediate ring</b>				
	Labelling field height arranged for P-touch strips 6 mm.	<b>Suitable for</b> Intermediate ring for central plate	<b>Order no.</b>	<b>Page</b> page 264
	Design	Order no.		PU
	polar white glossy	<b>1905 00 69</b>		10
	aluminium matt, lacquered	<b>1905 70 03</b>		10
	stainless steel matt, lacquered	<b>1905 70 04</b>		10

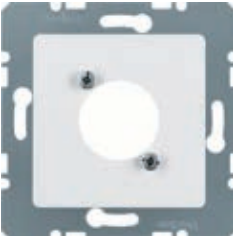
<b>Intermediate ring with hinged cover</b>				
	Labelling field height arranged for P-touch strips 6 mm.	<ul style="list-style-type: none"> <li>- when opening hinged cover, it can be arrested in end position</li> <li>- with imprint</li> <li>- for centre plate of third-party manufacturers with external dimension 50 x 50 mm</li> </ul>		
	Design	Order no.		PU
	polar white glossy	<b>1154 71 09</b>		10
	anthracite matt, lacquered	<b>1154 71 06</b>		10
	Aluminium aluminium anodised	<b>1154 71 03</b>		10
	Stainless steel/metal matt finish	<b>1154 71 04</b>		10

**Adapter rings for centre plates 50 x 50 mm**

<b>Adapter ring for centre plate 50 x 50 mm</b>					
	Caution! Not suitable for Berker central plates. For centre plate according to DIN 49075	<ul style="list-style-type: none"> <li>- for centre plate of third-party manufacturers with external dimension 50 x 50 mm</li> </ul>	<b>Suitable for</b> 50 x 50 mm centre plate for RCD protection switch	<b>Order no.</b>	<b>Page</b> page 249
	Design	Order no.			PU
	polar white glossy	<b>1108 71 09</b>			10
	anthracite matt, lacquered	<b>1108 71 06</b>			10
	aluminium matt, lacquered	<b>1108 71 03</b>			10
	stainless steel matt, lacquered	<b>1108 71 04</b>			10

**Covers Audio**

<b>Centre plate for loudspeaker socket outlet</b>					
		<ul style="list-style-type: none"> <li>- 1 knock out opening</li> </ul>	<b>Suitable for</b> Loudspeaker socket outlet High End Entry for small connector	<b>Order no.</b>	<b>Page</b>
	Design	Order no.			PU
	polar white glossy	<b>1184 70 09</b>		4505 02	123
	anthracite matt, lacquered	<b>1184 70 06</b>		4505	123
	Aluminium, aluminium anodised	<b>1184 70 03</b>			10
	Stainless steel, metal matt finish	<b>1184 70 04</b>			10

<b>Central plate for XLR D-series connector</b>						
	Cut-out Ø	23.6 mm	<ul style="list-style-type: none"> <li>- Labelling field latchable in matching intermediate ring</li> <li>- speakon and jack connector</li> </ul>	<b>Suitable for</b> Intermediate rings	<b>Order no.</b>	<b>Page</b> page 264
	Screw spacing (horizontal/vertical)	19/24 mm				
	Caution! Use only with intermediate ring for central plate from the corresponding range.					
	Design	Order no.				PU
	polar white glossy	<b>1412 09</b>				10
	anthracite matt	<b>1412 16 06</b>				10

**Video socket outlets**



**VGA socket outlet**

Frequency range video max. 160 MHz  
Resolution max. 1280 x 1024 px

- with 15pole D-subminiature double jack
- with 15pole D-subminiature jack (front)
- S-VGA compatible

**i** 461

Design Order no. PU

**with double jack**

polar white glossy	<b>33 1540 70 09</b>	10
anthracite matt, lacquered	<b>33 1540 70 06</b>	10
aluminium matt, lacquered	<b>33 1540 70 03</b>	10
stainless steel matt, lacquered	<b>33 1540 70 04</b>	10

**back side, with screw-in lift terminals**

polar white glossy <sup>1)</sup>	<b>33 1541 70 09</b>	10
anthracite matt, lacquered <sup>1)</sup>	<b>33 1541 70 06</b>	10
aluminium matt, lacquered <sup>1)</sup>	<b>33 1541 70 03</b>	10
stainless steel matt, lacquered <sup>1)</sup>	<b>33 1541 70 04</b>	10

<sup>1)</sup>for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm<sup>2</sup>



**Multimedia sockets**



**High definition socket outlet**

Transmission rate max. 8.16 GBit/s  
Resolution max. 1920 x 1080 px

- 19pole
- with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)
- gold-plated contacts

**i** 467

Design Order no. PU

**back side, with straight socket**

polar white glossy	<b>33 1542 70 09</b>	1
anthracite matt, lacquered	<b>33 1542 70 06</b>	1
aluminium matt, lacquered	<b>33 1542 70 03</b>	10
stainless steel matt, lacquered	<b>33 1542 70 04</b>	1

**back side, with 90° angle socket**

polar white glossy	<b>33 1543 70 09</b>	10
anthracite matt, lacquered	<b>33 1543 70 06</b>	10
aluminium matt, lacquered	<b>33 1543 70 03</b>	10
stainless steel matt, lacquered	<b>33 1543 70 04</b>	10



**3 x Cinch/S-Video socket outlet**

Frequency range audio 20 ... 20000 Hz  
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
- gold-plated contacts

**i** 467

Design Order no. PU

polar white glossy	<b>33 1532 70 09</b>	10
anthracite matt, lacquered	<b>33 1532 70 06</b>	10
aluminium matt, lacquered	<b>33 1532 70 03</b>	10
stainless steel matt, lacquered	<b>33 1532 70 04</b>	10



**USB/3.5 mm audio socket outlet**

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

**i** 467

Design Order no. PU

polar white glossy	<b>33 1539 70 09</b>	10
anthracite matt, lacquered	<b>33 1539 70 06</b>	10
aluminium matt, lacquered	<b>33 1539 70 03</b>	10
stainless steel matt, lacquered	<b>33 1539 70 04</b>	10



Consumer electronics

New



**Berker Radio Touch**

Operating voltage	230 V~	- illuminated touch graphics display
Frequency	50/60 Hz	- time and date display
Frequency range (radio reception)	87.5 ... 108 MHz	- operation via sensor areas of the touch display
Dimensions of display (W x H)	35 x 28 mm	- stereo FM radio with RDS display
Conductor cross-section	max. 2.5 mm <sup>2</sup>	- extension unit input for separate on/off switching
Insertion depth	33 mm	- external audio input, e.g. for MP3 player or docking station
		- with 2 loudspeaker connections

At least one loudspeaker must be connected for operation.

Suitable for	Order no.	Page
Loudspeaker		page 267
Ceiling loudspeaker Ø 140 mm	WUZ6 71	130
Ceiling loudspeaker Ø 80 mm	WUZ6 72	131

Design	Order no.	PU
polar white glossy	* 2884 70 09	1
anthracite matt, lacquered	* 2884 70 06	1
aluminium matt, lacquered	* 2884 70 03	1
stainless steel matt, lacquered	* 2884 70 04	1



New



**Loudspeaker**

Conductor cross-section (flexible)	0.5 mm <sup>2</sup>	- confectioned, with 2-core, double-insulated, flexible cable
Pre-assembled cable	≈ 25 cm	
Insertion depth	35 mm	

Suitable for	Order no.	Page
Berker Radio Touch		page 267

Design	Order no.	PU
polar white glossy	2882 70 09	1
anthracite matt, lacquered	* 2882 70 06	1
aluminium matt, lacquered	* 2882 70 03	1
stainless steel matt, lacquered	2882 70 04	1



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.



**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 53
LED lamp E10		page 53
Neon lamp E10		page 53
Push-button/pilot lamp E10, NO contact	5101 ..	51

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



**Centre plate for pilot lamp E14**

Suitable for	Order no.	Page
Covers and push-buttons		page 53
LED lamp E14		page 53
Incandescent lamp E14		page 53
Pilot lamp E14	5131 02	52
<b>optional</b>		
Sealing set for socket outlets/centre plates		page 269

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

**LED signal lights**

New



**LED signal light, white lighting**

**i** 451

Rated voltage	230 V~	- Brightness modifiable via potentiometer
Frequency	50/60 Hz	- Light colour cold white
Power consumption	at 230 ~, 50 Hz - max. 1 W	- switchable via separate switch
Quantity LED lamps	4	- for signalling notices, information or warnings
Ambient temperature	-15 ... +40 °C	- Foils with imprint of symbols insertable
Conductor cross-section	2.5 mm <sup>2</sup>	

For installation in standard wall boxes according to DIN 49073-1

Suitable for optional	Order no.	Page
Foil for LED signal light		page 49

Design	Order no.	PU
polar white glossy	★ 2953 70 09	1
anthracite matt	★ 2953 70 06	1
aluminium matt, lacquered	★ 2953 70 03	1
stainless steel matt, lacquered	★ 2953 70 04	1



New



**LED signal light, RGB**

**i** 451

Rated voltage	230 V~	- Brightness modifiable via potentiometer
Frequency	50/60 Hz	- Light colours cold white, warm white, blue, orange, red, green, purple (magenta) and colour sequence callable via push-button
Power consumption	at 195...265 V~, 50/60 Hz max. 2 W	- Colour sequence can be stopped at any position via the push-button.
Quantity LED lamps	max. 2 W	- colour is switchable via an external switch
Ambient temperature	-15 ... +40 °C	- for signalling notices, information or warnings
Conductor cross-section	2.5 mm <sup>2</sup>	- Foils with imprint of symbols insertable

For installation in standard wall boxes according to DIN 49073-1

Suitable for optional	Order no.	Page
Foil for LED signal light		page 49

Design	Order no.	PU
polar white glossy	★ 2951 70 09	1
anthracite matt	★ 2951 70 06	1
aluminium matt, lacquered	★ 2951 70 03	1
stainless steel matt, lacquered	★ 2951 70 04	1



New



**LED signal light, red/green lighting**

**i** 451

Rated voltage	230 V~	- switchable between red and green via separate switches
Frequency	50/60 Hz	- for signalling of e.g. access control
Power consumption	at 230 ~, 50 Hz - per colour max. 0.5 W	- Two coloured foils with imprinted symbols for Do not disturb/ Clean room and Please enter/ Please wait are supplied
Quantity LED lamps	max. 0.5 W	
Ambient temperature	-15 ... +40 °C	
Conductor cross-section	2.5 mm <sup>2</sup>	

For installation in standard wall boxes according to DIN 49073-1

Suitable for optional	Order no.	Page
Foil bi-colour for LED signal light		page 50

Design	Order no.	PU
polar white glossy	★ 2952 70 09	1
anthracite matt	★ 2952 70 06	1
aluminium matt, lacquered	★ 2952 70 03	1
stainless steel matt, lacquered	★ 2952 70 04	1



**Supplementary products**



**Blind plug with centre plate**

– on supporting plate without cut-out

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates		page 269

Design

Order no.

PU

**without spreader claws**

polar white glossy	<b>1045 70 09</b>	20
anthracite matt, lacquered	<b>1045 70 06</b>	20
Aluminium, aluminium anodised	<b>1045 70 03</b>	20
Stainless steel, metal matt finish	<b>1045 70 04</b>	20

**with base and spreader claws**

polar white glossy	<b>67 1045 70 09</b>	10
anthracite matt, lacquered	<b>67 1045 70 06</b>	10
Aluminium, aluminium anodised	<b>67 1045 70 03</b>	10
Stainless steel, metal matt finish	<b>67 1045 70 04</b>	10



**Blind plug with centre plate, screw-on**

- on supporting plate with large cut-out
- with cover plug for screw fitting
- without spreader claws
- space-saving for relays, etc.
- for customised cut-outs or holes when installing special solutions

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates		page 269

Design

Order no.

PU

polar white glossy	<b>1045 71 09</b>	20
anthracite matt, lacquered	<b>1045 71 06</b>	20



**Centre plate for cable outlet**

Suitable for	Order no.	Page
Cable outlet with low installation depth	4468	116
Cable outlet	4470	116

Design

Order no.

PU

polar white glossy	<b>1005 70 09</b>	10
anthracite matt, lacquered	<b>1005 70 06</b>	10
aluminium matt, lacquered	<b>1005 70 03</b>	10
stainless steel matt, lacquered	<b>1005 70 04</b>	10

**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 257
Centre plates for rotary switches for blinds		page 258
Blind plug with centre plate		page 269
Frames		page 275
Centre plate for pilot lamp E14	1167 7 ..	52
SCHUKO socket outlet with hinged cover	4751 7 ..	245
SCHUKO socket outlet with hinged cover	4752 7 ..	246

Design

Order no.

PU

transparent	<b>1010 72 00</b>	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 252
Rockers for multi-pole rocker switches		page 254
Rockers - accessible construction		page 271
Frames		page 275

Design	Order no.	PU
transparent	<b>1010 71 00</b>	1

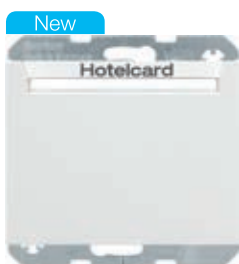


### Sealing set for key switch/key push-button

Suitable for	Order no.	Page
Frames		page 275
Centre plate for key push-button for blinds/key switch	1504 71 ..	90
Centre plate for key switch/key push-button	1505 70 ..	33

Design	Order no.	PU
transparent	<b>1010 70 00</b>	1

## Hotel applications



### Relay switch with centre plate for hotel card

**i** 458

Rated voltage	230 V~ +10/-15 %	- with potentiometer for incremental adjustment of delay time
Frequency	50/60 Hz	- for illumination
Switching current	10 A /230 V AC1	- with potential-free contact
Power consumption	< 0.2 W	- with screw-in lift terminals
230 V incandescent lamps and halogen lamps	1500 W	- illuminated with blue LED if hotel card is not inserted
Conventional transformers	1500 VA	
Electronic transformers	1500 W	
Fluorescent lamps:		
- in Duo circuit	1500 W	
Compact fluorescent lamps	500 W	
Inductive load at cos φ = 0.6	max. 6 A	
Card width	max. 55 mm	
Card thickness	0.8 ... 1.2 mm	
Operating temperature	-5 ... +50 °C	
Screw terminals (max.)	2 x 2.5 mm <sup>2</sup>	
Insertion depth	32 mm	

Neutral conductor necessary!

Design	Order no.	PU
polar white glossy	<b>* 1641 71 19</b>	1
anthracite matt	<b>* 1641 71 16</b>	1
aluminium matt, lacquered	<b>* 1641 71 34</b>	1
stainless steel matt, lacquered	<b>* 1641 71 14</b>	1



**Centre plates for hotel card switches**



**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!

- for push-button for hotel card

Suitable for Push-button for hotel card **Order no.** **Page**  
page 61

Design	Order no.	PU
polar white glossy	<b>1641 71 09</b>	10
anthracite matt, lacquered	<b>1641 71 06</b>	10
aluminium matt, lacquered	<b>1641 71 03</b>	10
stainless steel matt, lacquered	<b>1641 71 04</b>	10

**Accessible 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 474**

- tactile symbol
- enhanced contact protection



Rated voltage 250 V~  
Rated current 16 A

- when opening hinged cover, it can be arrested in end position
- for accessible construction
- with plug-in terminals

Connection terminals according to IEC 60884-1  
Barrier-free building based on DIN 18025



Design	Order no.	PU
polar white glossy	<b>4786 71 09</b>	10

**Rockers - accessible 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



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




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 DIN 18025

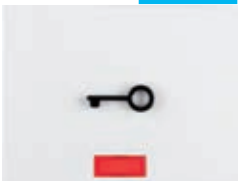


- for illumination and monitoring circuit
- for change-over/intermediate switch
- for rocker push-buttons
- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- for accessible construction

Suitable for Rocker switches **Order no.** **Page**  
Rocker push-buttons page 20  
optional  
Sealing set for switches/push-buttons page 270

Design	Order no.	PU
polar white glossy	<b>1661 71 09</b>	10

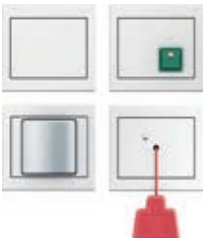
	<p><b>Rocker for barrier-free construction</b></p> <ul style="list-style-type: none"> <li>- tactile light symbol</li> <li>- red lens</li> </ul> <div style="display: flex; gap: 10px;">   </div> <p>Not suitable for rocker push-button switches.</p> <p>The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.</p> <p>Barrier-free building based on DIN 18025</p>	<ul style="list-style-type: none"> <li>- for illumination and monitoring circuit</li> <li>- for change-over/intermediate switch</li> <li>- for rocker push-buttons</li> <li>- also for KNX applications: push-button, 1gang, and group push-button, 1gang</li> <li>- for accessible construction</li> </ul> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left; font-weight: normal;">Suitable for</th> <th style="text-align: left; font-weight: normal;">Order no.</th> <th style="text-align: left; font-weight: normal;">Page</th> </tr> </thead> <tbody> <tr> <td>Rocker switches</td> <td></td> <td>page 20</td> </tr> <tr> <td>Rocker push-buttons</td> <td></td> <td>page 20</td> </tr> <tr> <td><b>optional</b></td> <td></td> <td></td> </tr> <tr> <td>Sealing set for switches/push-buttons</td> <td></td> <td>page 270</td> </tr> </tbody> </table>	Suitable for	Order no.	Page	Rocker switches		page 20	Rocker push-buttons		page 20	<b>optional</b>			Sealing set for switches/push-buttons		page 270
Suitable for	Order no.	Page															
Rocker switches		page 20															
Rocker push-buttons		page 20															
<b>optional</b>																	
Sealing set for switches/push-buttons		page 270															
Design	Order no.	PU															
polar white glossy	<b>1651 71 09</b>	10															

	<p><b>Rocker for barrier-free construction</b></p> <ul style="list-style-type: none"> <li>- tactile bell symbol</li> <li>- red lens</li> </ul> <div style="display: flex; gap: 10px;">   </div> <p>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.</p> <p>Barrier-free building based on DIN 18025</p>	<ul style="list-style-type: none"> <li>- for illuminated rocker push-buttons</li> <li>- also for KNX applications: push-button, 1gang</li> <li>- for accessible construction</li> </ul> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left; font-weight: normal;">Suitable for</th> <th style="text-align: left; font-weight: normal;">Order no.</th> <th style="text-align: left; font-weight: normal;">Page</th> </tr> </thead> <tbody> <tr> <td>Rocker push-buttons</td> <td></td> <td>page 20</td> </tr> <tr> <td><b>optional</b></td> <td></td> <td></td> </tr> <tr> <td>Sealing set for switches/push-buttons</td> <td></td> <td>page 270</td> </tr> </tbody> </table>	Suitable for	Order no.	Page	Rocker push-buttons		page 20	<b>optional</b>			Sealing set for switches/push-buttons		page 270
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Rocker push-buttons		page 20												
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Sealing set for switches/push-buttons		page 270												
Design	Order no.	PU												
polar white glossy	<b>1651 72 09</b>	10												

	<p><b>Rocker for barrier-free construction</b></p> <ul style="list-style-type: none"> <li>- tactile symbol for door opener</li> <li>- red lens</li> </ul> <div style="display: flex; gap: 10px;">   </div> <p>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.</p> <p>Barrier-free building based on DIN 18025</p>	<ul style="list-style-type: none"> <li>- for illuminated rocker push-buttons</li> <li>- also for KNX applications: push-button, 1gang</li> <li>- for accessible construction</li> </ul> <table border="0" style="width: 100%;"> <thead> <tr> <th style="text-align: left; font-weight: normal;">Suitable for</th> <th style="text-align: left; font-weight: normal;">Order no.</th> <th style="text-align: left; font-weight: normal;">Page</th> </tr> </thead> <tbody> <tr> <td>Rocker push-buttons</td> <td></td> <td>page 20</td> </tr> <tr> <td><b>optional</b></td> <td></td> <td></td> </tr> <tr> <td>Sealing set for switches/push-buttons</td> <td></td> <td>page 270</td> </tr> </tbody> </table>	Suitable for	Order no.	Page	Rocker push-buttons		page 20	<b>optional</b>			Sealing set for switches/push-buttons		page 270
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Rocker push-buttons		page 20												
<b>optional</b>														
Sealing set for switches/push-buttons		page 270												
Design	Order no.	PU												
polar white glossy	<b>1651 73 09</b>	10												

**Hospital installations**  
**Emergency system**

- For installation in standard wall boxes according to DIN 49073-1



**Emergency call set with frame**

Operating voltage 24 V=  
Operating temperature -5 ... +40 °C

- Set consisting of:
- Pullcord push-button 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

For installation in standard wall boxes according to DIN 49073-1

- 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 DC
- 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 optional	Order no.	Page
Cancellation/presence button with frame	5205 70 09	273
Call button with frame	5206 70 09	273
Pull button with frame	5202 70 09	273
Light signal with frame	5203 70 09	274
Cancellation button with frame	5201 70 09	274
Mains adapter with frame	5204 70 09	274

Design	Order no.	PU
polar white glossy	<b>5200 70 09</b>	1



**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 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	273

Design	Order no.	PU
polar white glossy	<b>5206 70 09</b>	1



**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 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	273

Design	Order no.	PU
polar white glossy	<b>5205 70 09</b>	1



**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 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	273

Design	Order no.	PU
polar white glossy	<b>5202 70 09</b>	1



#### Cancellation button with frame

Operating voltage 24 V= - with green shut-off button  
 Operating temperature -5 ... +40 °C - centre plate for plug-in fixing  
 - with screw terminals

To switch off the alarm signal (pilot lamp) on arrival at the emergency location.  
 For installation in standard wall boxes according to DIN 49073-1

<b>Suitable for</b> Emergency call set with frame	<b>Order no.</b> 5200 70 09	<b>Page</b> 273
--	--------------------------------	--------------------

Design	Order no.	PU
polar white glossy	<b>5201 70 09</b>	1



#### Light signal with frame

Operating voltage 24 V= - with 4 red LEDs  
 Operating temperature -5 ... +40 °C - acoustic call tone switchable on pilot lamp  
 - call tone can be set as continuous signal or as pulses  
 For visual and acoustic alarms in emergency situations.  
 Caution: - with potential-free relay contact for call tone forwarding, e.g. to telephone dialler  
 Always install the device in a clearly visible location.  
 Recommendation: use deep box. - call tone received on voltage failure and return  
 For installation in standard wall boxes according to DIN 49073-1 - centre plate for plug-in fixing  
 - with screw terminals

<b>Suitable for</b> Emergency call set with frame	<b>Order no.</b> 5200 70 09	<b>Page</b> 273
--	--------------------------------	--------------------

Design	Order no.	PU
polar white glossy	<b>5203 70 09</b>	1



#### Mains adapter with frame

Operating voltage 24 V= - centre plate for plug-in fixing  
 Frequency 50 ... 60 Hz - with screw terminals  
 Input voltage 100 ... 240 V~  
 Input current max. 180 mA  
 Output voltage 24 V=  
 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 DIN 49073-1

<b>Suitable for</b> Emergency call set with frame	<b>Order no.</b> 5200 70 09	<b>Page</b> 273
--	--------------------------------	--------------------



Design	Order no.	PU
polar white glossy	<b>5204 70 09</b>	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		
<b>Suitable for</b> Intermediate rings Socket outlet for floating output	<b>Order no.</b> 1061	<b>Page</b> page 264 64


Design	Order no.	PU
polar white glossy	<b>1403 09</b>	10
anthracite matt	<b>1403 16 06</b>	10

## Frames

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

 Frame	Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page
					<b>i 479</b>
					page 269
					PU
	polar white glossy, 1gang	<b>1313 70 09</b>			10
	polar white glossy, 2gang vertical	<b>1323 70 09</b>			2
	polar white glossy, 3gang vertical	<b>1333 70 09</b>			2
	polar white glossy, 4gang vertical	<b>1343 70 09</b>			2
	polar white glossy, 5gang vertical	<b>1353 70 09</b>			2
	polar white glossy, 2gang horizontal	<b>1363 70 09</b>			2
	polar white glossy, 3gang horizontal	<b>1373 70 09</b>			2
	polar white glossy, 4gang horizontal	<b>1383 70 09</b>			2
	polar white glossy, 5gang horizontal	<b>1393 70 09</b>			2

 Frame	Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page
					<b>i 479</b>
					page 269
					PU
	anthracite matt, lacquered, 1gang	<b>1313 70 06</b>			10
	anthracite matt, lacquered, 2gang vertical	<b>1323 70 06</b>			10
	anthracite matt, lacquered, 3gang vertical	<b>1333 70 06</b>			2
	anthracite matt, lacquered, 4gang vertical	<b>1343 70 06</b>			2
	anthracite matt, lacquered, 5gang vertical	<b>1353 70 06</b>			2
	anthracite matt, lacquered, 2gang horizontal	<b>1363 70 06</b>			10
	anthracite matt, lacquered, 3gang horizontal	<b>1373 70 06</b>			2
	anthracite matt, lacquered, 4gang horizontal	<b>1383 70 06</b>			2
	anthracite matt, lacquered, 5gang horizontal	<b>1393 70 06</b>			2

 Frame	Design	Order no.	Suitable for optional Sealings IP44	Order no.	Page
					<b>i 479</b>
					page 269
					PU
	Aluminium, aluminium anodised, 1gang	<b>1313 70 03</b>			10
	Aluminium, aluminium anodised, 2gang vertical	<b>1323 70 03</b>			2
	Aluminium, aluminium anodised, 3gang vertical	<b>1333 70 03</b>			2
	Aluminium, aluminium anodised, 4gang vertical	<b>1343 70 03</b>			2
	Aluminium, aluminium anodised, 5gang vertical	<b>1353 70 03</b>			2
	Aluminium, aluminium anodised, 2gang horizontal	<b>1363 70 03</b>			2
	Aluminium, aluminium anodised, 3gang horizontal	<b>1373 70 03</b>			2
	Aluminium, aluminium anodised, 4gang horizontal	<b>1383 70 03</b>			2
	Aluminium, aluminium anodised, 5gang horizontal	<b>1393 70 03</b>			2



**Frame**

**i** 479

Design	Order no.	PU
Stainless steel, metal matt finish, 1gang	<b>1313 70 04</b>	10
Stainless steel, metal matt finish, 2gang vertical	<b>1323 70 04</b>	2
Stainless steel, metal matt finish, 3gang vertical	<b>1333 70 04</b>	2
Stainless steel, metal matt finish, 4gang vertical	<b>1343 70 04</b>	2
Stainless steel, metal matt finish, 5gang vertical	<b>1353 70 04</b>	2
Stainless steel, metal matt finish, 2gang horizontal	<b>1363 70 04</b>	2
Stainless steel, metal matt finish, 3gang horizontal	<b>1373 70 04</b>	2
Stainless steel, metal matt finish, 4gang horizontal	<b>1383 70 04</b>	2
Stainless steel, metal matt finish, 5gang horizontal	<b>1393 70 04</b>	2

Suitable for optional Sealings IP44

Order no.

Page

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**Frames with large cut-out**



**Frame with large cut-out**

**i** 479

Not suitable for surface-mounted housing. – for vertical mounting

Design	Order no.	PU
polar white glossy	<b>1309 70 09</b>	1



**Frame with large cut-out**

**i** 479

Not suitable for surface-mounted housing. – for vertical mounting

Design	Order no.	PU
anthracite matt, lacquered	<b>1309 70 06</b>	1



**Frame with large cut-out**

**i** 479

Not suitable for surface-mounted housing. – for vertical mounting

Design	Order no.	PU
Aluminium, aluminium anodised	<b>1309 70 03</b>	1



**Frame with large cut-out**

**i** 479

Not suitable for surface-mounted housing. – for vertical mounting

Design	Order no.	PU
Stainless steel, metal matt finish	<b>1309 70 04</b>	1

## Surface-mounted housings



### Housing surface-mounted

Insertion depth

36 mm

- entry at top and bottom possible
- with cable and duct entry
- for mounting on combustible base surface

Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

Suitable for  
optional  
Entries/connectors

Order no.

Page

page 410

Design

Order no.

PU

polar white glossy, 1gang	<b>1041 70 09</b>	10
polar white glossy, 2gang vertical	<b>1042 70 09</b>	5
polar white glossy, 3gang vertical	<b>1043 70 09</b>	5
polar white glossy, 2gang horizontal	<b>1052 70 09</b>	5
polar white glossy, 3gang horizontal	<b>1053 70 09</b>	5
anthracite matt, lacquered, 1gang	<b>1041 70 06</b>	10
anthracite matt, lacquered, 2gang vertical	<b>1042 70 06</b>	5
anthracite matt, lacquered, 3gang vertical	<b>1043 70 06</b>	5
anthracite matt, lacquered, 2gang horizontal	<b>1052 70 06</b>	5
anthracite matt, lacquered, 3gang horizontal	<b>1053 70 06</b>	5
aluminium matt, lacquered, 1gang	<b>1041 70 03</b>	10
aluminium matt, lacquered, 2gang vertical	<b>1042 70 03</b>	5
aluminium matt, lacquered, 3gang vertical	<b>1043 70 03</b>	5
aluminium matt, lacquered, 2gang horizontal	<b>1052 70 03</b>	5
aluminium matt, lacquered, 3gang horizontal	<b>1053 70 03</b>	5
stainless steel matt, lacquered, 1gang	<b>1041 70 04</b>	10
stainless steel matt, lacquered, 2gang vertical	<b>1042 70 04</b>	5
stainless steel matt, lacquered, 3gang vertical	<b>1043 70 04</b>	5
stainless steel matt, lacquered, 2gang horizontal	<b>1052 70 04</b>	5
stainless steel matt, lacquered, 3gang horizontal	<b>1053 70 04</b>	5

# 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

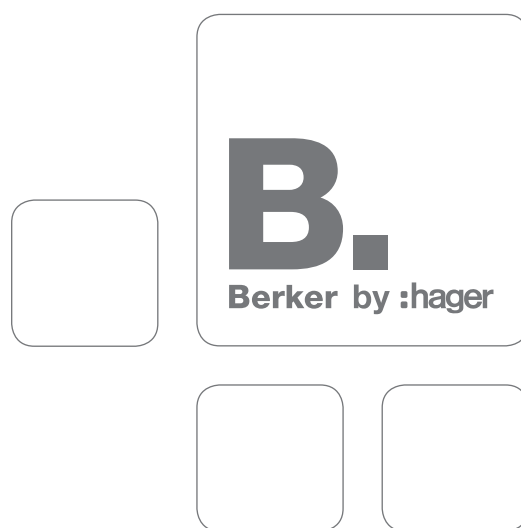
### Metal, matt finish

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	280
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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 outlet**

**i** 474

Rated voltage 250 V~ - with plug-in terminals  
Rated current 16 A

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** 474

- 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** 474

- screw-in lift terminals - with 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**

- enhanced contact protection
- screw-in lift terminals

- with screw-in lift terminals

**i** 474



Rated voltage  
Rated current

250 V~  
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°**

Rated voltage  
Rated current

250 V~ - for diagonal installation  
16 A - with plug-in terminals

**i** 474

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**

- labelling field

- with plug-in terminals

**i** 474



Rated voltage  
Rated current

250 V~  
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
- enhanced contact protection

- with plug-in terminals

**i** 474



Rated voltage  
Rated current

250 V~  
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 with LED orientation light**

**i** 474

- 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 mm <sup>2</sup>

- 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

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** 474

- labelling field
- enhanced contact protection
- screw-in lift terminals



Rated voltage	250 V~
Rated current	16 A

- with screw-in lift terminals

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** 474

Rated voltage	250 V~	- with plug-in terminals
Rated current	16 A	
Assembling height	22 mm	

For installation in 1gang wall boxes 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 474**

- enhanced contact protection
- with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A  
Assembling height 22 mm

For installation in 1 gang wall boxes 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 474**

- 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**

**i 474**

- labelling field
- 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.



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

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



	<b>SCHUKO socket outlet with hinged cover</b>		<b>i</b> 474
	Rated voltage Rated current	250 V~ 16 A	- with imprint - with plug-in terminals
	Degree of protection IP44 is provided only with sealing set order no. 1010 00.	<b>Suitable for</b> Sealing set for Arsys IP44 devices	<b>Order no.</b> 1010 00
			<b>Page</b> 306
	Design Stainless steel, metal matt finish	Order no. # 4758 10 04	PU 10

	<b>SCHUKO socket outlet with hinged cover</b>		<b>i</b> 474
	- enhanced contact protection		- with imprint - with plug-in terminals
	Rated voltage Rated current	250 V~ 16 A	<b>Suitable for</b> Sealing set for Arsys IP44 devices
	Degree of protection IP44 is provided only with sealing set order no. 1010 00.		<b>Order no.</b> 1010 00
			<b>Page</b> 306
	Design Stainless steel, metal matt finish	Order no. # 4758 30 04	PU 10

	<b>SCHUKO socket outlet with hinged cover</b>		<b>i</b> 474
	- labelling field		- with imprint - with plug-in terminals
	Rated voltage Rated current	250 V~ 16 A	<b>Suitable for</b> Sealing set for Arsys IP44 devices
	Labelling field height arranged for P-touch strips 6 mm. Degree of protection IP44 is provided only with sealing set order no. 1010 00.		<b>Order no.</b> 1010 00
			<b>Page</b> 306
	Design Stainless steel, metal matt finish	Order no. # 4758 20 04	PU 10

**SCHUKO socket outlets for special applications**

	<b>SCHUKO socket outlet</b>		<b>i</b> 474
	Rated voltage Rated current	250 V~ 16 A	- with plug-in terminals
	Insert colour-coded.		
	Design red glossy	Order no. # 4715 00 62	PU 10



**SCHUKO socket outlet**

- labelling field

- with plug-in terminals

**i** 474



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

New



**SCHUKO socket outlet**

- labelling field
- enhanced contact protection

- with plug-in terminals

**i** 474



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



**SCHUKO socket outlet with imprint**

Rated voltage 250 V~  
Rated current 16 A

- with plug-in terminals

**i** 474

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**

- labelling field
- enhanced contact protection
- screw-in lift terminals

- with screw-in lift terminals

**i** 474



Rated voltage 250 V~  
Rated current 16 A

Insert colour-coded.

Labelling field height arranged for P-touch strips 6 mm.

Execution SV, ZSV 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

## Flush-mounted safety devices

### SCHUKO socket outlets with safety device



#### SCHUKO socket outlet with overvoltage protection

**i** 476

- 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
Insertion depth	32 mm

Labelling field height arranged for P-touch strips 6 mm.

Connection terminals according to IEC 60884-1

Overvoltage protection 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



### Covers for protection switch



#### 50 x 50 mm centre plate for RCD protection switch

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

Suitable for	Order no.	Page
Adapter ring for centre plate 50 x 50 mm Residual current circuit-breaker	2844	page 302 437

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

## International socket outlet systems

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

### Socket outlets without earthing contact



#### Socket outlet without earthing contact

**i** 474

- screw terminals

- without spreader claws
- 2pole
- with screw terminals



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**

**i** 474

- 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**

**i** 474

- enhanced contact protection
- screw terminals

- without spreader claws
- 2pole
- with screw terminals



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** 474

- 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** 474

- 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** 474

- 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 mm <sup>2</sup>

- 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

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** 474

- 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
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** 474

- enhanced contact protection



Rated voltage	250 V~
Rated current	16 A

- 2pole + earth
- with plug-in terminals

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**

- 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.

**i** 474



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**

- enhanced contact protection
- screw-in lift terminals

- 2pole + earth
- with screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A

**i** 474



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 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

**Suitable for**  
Centre plate for socket outlets,  
British Standard, can be switched off

**Order no.** **Page**  
page 289



Design	Order no.	PU
white glossy	5342 02 12	10
polar white glossy	5342 02 19	10
anthracite matt	5342 02 16	10
brown glossy	5342 02 11	10



**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.** **Page**  
page 289

Design	Order no.	PU
white glossy	# 33 1307 00 02	10
polar white glossy	# 33 1307 00 69	10
light bronze matt, aluminium lacquered	# 33 1307 00 01	10
Stainless steel, metal matt finish	# 33 1307 00 04	10

**NEMA-socket outlets**



**Socket outlet with earthing contact USA/CANADA  
NEMA 5-15 R**

**i** 474

- 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** 474

- 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

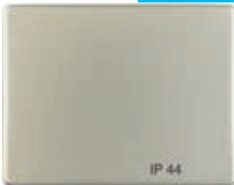



**Rocker screw-on**


- 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"		Suitable for	Order no.	Page
	Not suitable for push-button (KNX) and group push-buttons (KNX).	Rocker switches	1010 00	page 20
	Degree of protection IP44 is provided only with sealing set order no. 1010 00.	Rocker push-buttons		page 20
		Sealing set for Arsys IP44 devices		306
Design	Order no.			PU
Stainless steel, metal matt finish	# 1424 10 04			10

Rocker		Suitable for	Order no.	Page
	- labelling field	Rocker switches		page 20
		Rocker push-buttons		page 20
	For labelling with names, notes etc.			
	Labelling field height designed for 6 mm P-touch strip.			
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"		Suitable for	Order no.	Page
	- labelling field	Rocker switches	1010 00	page 20
		Rocker push-buttons		page 20
	Not suitable for push-button (KNX) and group push-buttons (KNX).	Sealing set for Arsys IP44 devices		306
	Labelling field height designed for 6 mm P-touch strips.			
	Degree of protection IP44 is provided only with sealing set order no. 1010 00.			
Design	Order no.			PU
Stainless steel, metal matt finish	# 1436 10 04			10

Rocker		Suitable for	Order no.	Page
	For labelling with names, notes etc.	Rocker switches		page 20
		Rocker push-buttons		page 20
	Labelling field height designed for two 24 mm P-touch strips.			
Design	Order no.			PU
clear, with white labelling field	# 1487 00			10

Rocker		Suitable for	Order no.	Page
	- lens	Rocker switches		page 20
		Rocker push-buttons		page 20
	Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.			
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 in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

- for illumination and monitoring circuit
- with cover plug for screw fitting

**Suitable for**  
Rocker switches  
Rocker push-buttons

**Order no.**

**Page**  
page 20  
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.

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

**Suitable for**  
Rocker switches  
Rocker push-buttons

**Order no.**

**Page**  
page 20  
page 20

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

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

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**  
Multi-pole rocker switches

**Order no.**

**Page**  
page 25

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

**Suitable for**  
Multi-pole rocker switches

**Order no.**

**Page**  
page 25

Design

Order no.

PU

brown glossy

# 1417 00 01

10

white glossy

# 1417 00 02

10

polar white glossy

# 1417 00 69

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

Design	Suitable for	Order no.	Page
	Rocker switches, 2gang Series push-buttons		page 28 page 28
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

Design	Suitable for	Order no.	Page
	Rocker switches, 2gang Series push-buttons		page 28 page 28
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

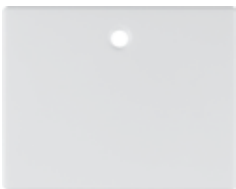
Design	Suitable for	Order no.	Page
	Rocker switches, 2gang Series push-buttons		page 28 page 28
Design	Order no.	PU	
white glossy	# 1437 00 02	10	
polar white glossy	# 1437 00 69	10	
brown glossy	# 1437 00 01	10	



**Rocker 3gang**

Design	Suitable for	Order no.	Page
	On/off switch 3gang 6330 23		30
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**

Design	Suitable for	Order no.	Page
	Pullcord switches/pullcord push-buttons		page 31
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

Design	Order no.	Page
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

Suitable for	Order no.	Page
Key switches/key push-buttons	1818 ..	page 32
Lock cylinder		60

**Covers for dimmers**

**Centre plates for rotary dimmers**



**Centre plate for rotary dimmer**

- setting knob



Axis dimension Ø

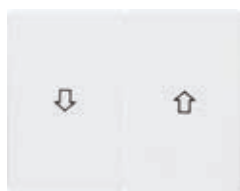
4 mm

Design	Order no.	Page
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

Suitable for	Order no.	Page
Rotary dimmers		page 36
Rotary potentiometers DALI		page 39
1-10 V Rotary potentiometers		page 40

**Covers for blind switches/push-buttons**

**Rockers with imprint**



**Rocker 2gang with imprinted arrow symbol**

- also for KNX applications: push-button, 2gang

Design	Order no.	Page
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

Suitable for	Order no.	Page
Switches/ push-buttons for blinds		page 84



**Rocker 2gang with imprinted arrows symbol**

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

Design	Order no.	Page
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

Suitable for	Order no.	Page
Group series push-button, 4 NO contacts, common input terminal	5034 04	29



**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 switches for blinds		page 86
<b>optional</b> Interlock disk for rotary switch for blinds	1861	87

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	87
Switch for blinds 1pole for centre plate with lock	3851	87

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	87
Switch for blinds 1pole for centre plate with lock	3851	87

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	87
Switch for blinds 2pole for centre plate with lock	3852	87

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
Switch for blinds 2pole for lock cylinder	3822 10	89
Push-button for blinds 1pole for lock cylinder	3831 10	89
Push-button for blinds 2pole for lock cylinder	3832 10	90
Lock cylinder	1818 ..	60

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

**Communication/multimedia technology**

- For information on suitable third-party manufacturer articles, see the chapter "Communication/multimedia technology"

**Covers data communications / telecommunications**



**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 ..	120
Loudspeaker connection box	4572 ..	121
Stereo loudspeaker connection box	4573 ..	122
Modular FCC socket outlet 8/8pole, cat.6A	4584	103
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	103

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



**Central plate with TAE cut-out**

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

- also for KNX applications: USB data interface, flush-mounted
- 1 knock out opening
- labelling field latchable

Suitable for	Order no.	Page
Intermediate rings		page 301
230 V USB charging socket outlet	2600 0 ..	120
Loudspeaker connection box	4572 ..	121
Stereo loudspeaker connection box	4573 ..	122
Modular FCC socket outlet 8/8pole, cat.6A	4584	103
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	103

Design	Order no.	PU
white glossy	<b>1458 02</b>	10
polar white glossy	<b>1458 09</b>	10
brown glossy	# <b>1458 01</b>	10



**Centre plate for FCC socket outlet**

- for 1gang socket outlet cat.3, cat.5e, cat.6 and cat.6<sub>A</sub> iso
- with 45° oblique outlet

Suitable for	Order no.	Page
FCC socket outlets 1gang/WLAN access points		page 98

Design	Order no.	PU
white glossy	# <b>1407 00 02</b>	10
polar white glossy	# <b>1407 00 69</b>	10
brown glossy	# <b>1407 00 01</b>	10
light bronze matt, aluminium lacquered	# <b>1408 00 01</b>	10
Stainless steel, metal matt finish	# <b>1408 00 04</b>	10
gold matt, aluminium anodised	# <b>1408 00 02</b>	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, cat.6 and cat.6<sub>A</sub> iso
- for WLAN access-points
- with 45° oblique outlet
- labelling field latchable

Suitable for	Order no.	Page
FCC socket outlets 1gang/WLAN access points		page 98
Intermediate rings		page 301

Design	Order no.	PU
white glossy	<b>1468 02</b>	10
polar white glossy	<b>1468 09</b>	10
brown glossy	# <b>1468 01</b>	10



**Centre plate for FCC socket outlet 2gang**

- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6<sub>A</sub> iso
- with 45° oblique outlet

Suitable for	Order no.	Page
FCC socket outlets 2gang		page 101

Design	Order no.	PU
white glossy	# <b>1409 00 02</b>	10
polar white glossy	# <b>1409 00 69</b>	10
brown glossy	# <b>1409 00 01</b>	10
light bronze matt, aluminium lacquered	# <b>1410 00 01</b>	10
Stainless steel, metal matt finish	# <b>1410 00 04</b>	10
gold matt, aluminium anodised	# <b>1410 00 02</b>	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, cat.6 and cat.6<sub>A</sub> iso
- with 45° oblique outlet
- labelling field latchable

Design	Order no.	PU
white glossy	<b>1469 02</b>	10
polar white glossy	<b>1469 09</b>	10
brown glossy	<b># 1469 01</b>	10

**Suitable for**  
FCC socket outlets 2gang  
Intermediate rings

**Order no.**

**Page**  
page 101  
page 301



#### Central plate for 3 MINI-COM modules

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

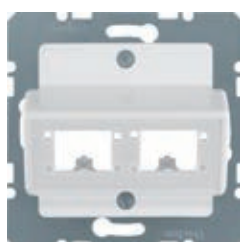
- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- labelling field latchable
- for Mini-Com dummy modules 1gang

Design	Order no.	PU
white glossy	<b>1427 02</b>	10
polar white glossy	<b>1427 09</b>	10

**Suitable for**  
Multimedia modules  
Intermediate rings

**Order no.**

**Page**  
page 402  
page 301



#### 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	<b>1472 02</b>	10
polar white glossy	<b>1472 09</b>	10

**Suitable for**  
Intermediate rings

**Order no.**

**Page**  
page 301



#### 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	<b>1461 02</b>	10
polar white glossy	<b>1461 09</b>	10

**Suitable for**  
Intermediate rings

**Order no.**

**Page**  
page 301



#### 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	<b>1463 02</b>	10
polar white glossy	<b>1463 09</b>	10

**Suitable for**  
Intermediate rings

**Order no.**

**Page**  
page 301



**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	Suitable for Intermediate rings	Order no.	Page page 301
white glossy	Order no.		PU
polar white glossy		<b>1464 02</b>	10
		<b>1464 09</b>	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 ..and 454202 see "Communication/multimedia technology"

Design	Order no.	PU
white glossy	# <b>1182 00 02</b>	10
polar white glossy	# <b>1182 00 69</b>	10
brown glossy	# <b>1182 00 01</b>	10
light bronze matt, lacquered	# <b>1182 90 11</b>	10
stainless steel matt, lacquered	# <b>1182 90 04</b>	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	# <b>1177 00 02</b>	10
polar white glossy	# <b>1177 00 69</b>	10
brown glossy	# <b>1177 00 01</b>	10
light bronze matt, lacquered	# <b>1177 90 11</b>	10
stainless steel matt, lacquered	# <b>1177 90 04</b>	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	Suitable for Intermediate rings	Order no.	Page page 301
white glossy, 2gang	Order no.		PU
polar white glossy, 2gang		<b>1492 02</b>	10
		<b>1492 09</b>	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	Suitable for Intermediate rings	Order no.	Page page 301
white glossy	Order no.		PU
polar white glossy		<b>1480 02</b>	10
		<b>1480 09</b>	10

**Covers for aerial sockets**



**Centre plate for aerial socket 2-/3hole**

– with knock out SAT input

Design	Order no.	PU
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
gold matt, aluminium anodised	# 1202 00 02	10

Suitable for	Order no.	Page
Aerial socket 2hole single box	4502 10	113
Aerial socket 2hole throughpass socket	4515 ..	113
Aerial socket 3hole single box	4522 10	113



**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)

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

Suitable for	Order no.	Page
Intermediate rings		page 301
Aerial socket 4hole single box	4594 10	114



**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

Suitable for	Order no.	Page
Intermediate rings		page 301



**Central plate for broadband modem socket (Wisi)**

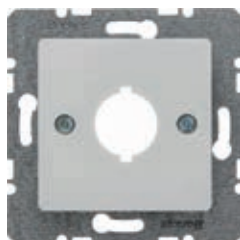
Caution!  
Use only with intermediate ring for central plate from the corresponding range.

– with additional multimedia output  
– labelling field latchable

Design	Order no.	PU
white glossy	# 1439 02	10

Suitable for	Order no.	Page
Intermediate rings		page 301

**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.

Design	Order no.	PU
white glossy	1431 02	10
polar white glossy	1431 09	10
stainless steel matt, lacquered	1431 04	10

Suitable for	Order no.	Page
Intermediate rings		page 301
<b>optional</b> Built-in socket for floating output	4604 ..	65

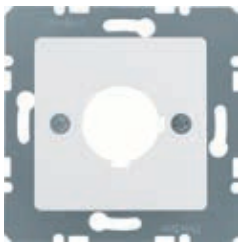


**Centre plate with installation opening Ø 18.8 mm**

Screw spacing 36 mm – with cut-out dia. 18.8 mm

Design	Order no.	Page
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

**Suitable for optional**  
Built-in socket for floating output  
Order no. 4604 .. Page 65



**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.	Page
white glossy	1432 02	10
polar white glossy	1432 09	10
stainless steel matt, lacquered	1432 04	10
yellow glossy	1432 07	10

**Suitable for**  
Intermediate rings  
Order no. page 301



**Centre plate with installation opening Ø 22.5 mm**

Screw spacing 36 mm – with cut-out dia. 22.5 mm

Design	Order no.	Page
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

**Intermediate rings**



**Intermediate ring for central plate**

– labelling field latchable

Design	Order no.	Page
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

**Suitable for optional**  
Labelling field for intermediate ring  
Order no. page 301



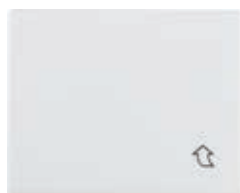
**Labelling field for intermediate ring**

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	Page
white glossy	1905 00 02	10
polar white glossy	1905 00 69	10
stainless steel matt, lacquered	1905 70 04	10

**Suitable for**  
Intermediate ring for central plate  
Order no. page 301





**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 centre plate of third-party manufacturers with external dimension 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

- with imprint



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.

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

**Adapter rings for centre plates 50 x 50 mm**



**Adapter ring for centre plate 50 x 50 mm**

Caution!  
Not suitable for Berker central plates.

For centre plate according to DIN 49075

- for centre plate of third-party manufacturers with external dimension 50 x 50 mm

Suitable for 50 x 50 mm centre plate for RCD protection switch

Design	Order no.	Page
white glossy	# 1108 01 02	page 286
polar white glossy	# 1108 01 69	
brown glossy	# 1108 01 01	
light bronze matt, lacquered	# 1108 91 11	
stainless steel matt, lacquered	# 1108 91 04	



**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
Entry for small connector	4505	123
Loudspeaker socket outlet High End	4505 02	123

Design	Order no.	PU
white glossy	# 1185 00 02	10
polar white glossy	# 1185 00 69	10
brown glossy	# 1185 00 01	10

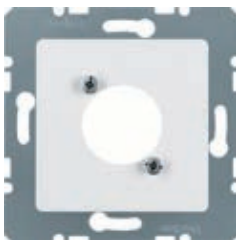


**Centre plate for loudspeaker socket outlet**

- 1 knock out opening

Suitable for	Order no.	Page
Entry for small connector	4505	123
Loudspeaker socket outlet High End	4505 02	123

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	- speakon and jack connector
Screw spacing (horizontal/vertical)	19/24 mm	- Labelling field latchable in matching intermediate ring

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

Suitable for	Order no.	Page
Intermediate rings		page 301

Design	Order no.	PU
white glossy	1412 02	10
polar white glossy	1412 09	10

**Video socket outlets**



**VGA socket outlet**

**i 461**

Frequency range video	max. 160 MHz	- with 15pole D-subminiature double jack
Resolution	max. 1280 x 1024 px	- 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 <sup>1)</sup>	# 33 1541 00 02	10
polar white glossy <sup>1)</sup>	# 33 1541 00 69	10
light bronze matt, lacquered <sup>1)</sup>	# 33 1541 90 11	10
stainless steel matt, lacquered <sup>1)</sup>	# 33 1541 90 04	10

<sup>1)</sup> for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm<sup>2</sup>



**Multimedia sockets**



**High definition socket outlet**

**i** 467

Transmission rate	max. 8.16 GBit/s	- 19pole
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	1
polar white glossy	# 33 1542 00 69	1
light bronze matt, lacquered	# 33 1542 90 11	1
stainless steel matt, lacquered	# 33 1542 90 04	1

**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



**3 x Cinch/S-Video socket outlet**

**i** 467

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 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



**USB/3.5 mm audio socket outlet**

**i** 467

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 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**

Operating voltage	230 V~	- operation via sensor areas of the touch display
Frequency	50/60 Hz	- extension unit input for separate on/off switching
Frequency range (radio reception)	87.5 ... 108 MHz	- illuminated touch graphics display
Dimensions of display (W x H)	35 x 28 mm	- time and date display
Conductor cross-section	max. 2.5 mm <sup>2</sup>	- external audio input, e.g. for MP3 player or docking station
Insertion depth	33 mm	- stereo FM radio with RDS display
		- with screw terminals

At least one loudspeaker must be connected for operation.

Suitable for	Order no.	Page
Loudspeaker		page 305
Ceiling loudspeaker Ø 140 mm	WUZ6 71	130
Ceiling loudspeaker Ø 80 mm	WUZ6 72	131

Design	Order no.	PU
--------	-----------	----

polar white glossy	# 2884 00 69	1
stainless steel matt, lacquered	# 2884 00 04	1





**Loudspeaker**

Impedance	4 Ω	– confectioned, with 2-core, double-insulated, flexible cable		
Conductor cross-section (flexible)	0.5 mm <sup>2</sup>			
Insertion depth	35 mm			
Pre-assembled cable	≈ 25 cm			

**Suitable for**  
Berker Radio Touch

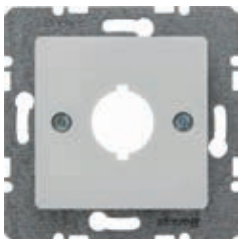
**Order no.**

**Page**  
page 304



Design	Order no.	PU
polar white glossy	# 2882 00 69	1
stainless steel matt, lacquered	# 2882 00 04	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
-----------	---------	-----------------------------------

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Covers and push-buttons		page 53
LED lamp E10		page 53
Neon lamp E10		page 53
Push-button/pilot lamp E10, NO contact	5101 ..	51

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		– centre plate for plug-in fixing
-------------------	--	-----------------------------------



<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Covers and push-buttons		page 53
LED lamp E10		page 53
Neon lamp E10		page 53
Push-button/pilot lamp E10, NO contact	5101 ..	51

Cut-out Ø	27.2 mm	
-----------	---------	--

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**

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Pilot lamp E14	5131 02	52

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.

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Push-button/pilot lamp E10, NO contact	5101 ..	51

Design	Order no.	PU
clear	# 1247 00 04	10

## Supplementary products



### Blind plug with centre plate

– on supporting plate without cut-out

Design	Order no.	PU
<b>without spreader claws</b>		
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
<b>with base and spreader claws</b>		
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	116
Cable outlet	4470	116

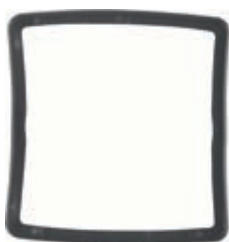
Design	Order no.	PU
white glossy	# 1005 00 02	10
polar white glossy	# 1005 00 69	10
brown glossy	# 1005 00 01	10
light bronze matt, lacquered	# 1004 90 11	10
stainless steel matt, lacquered	# 1004 90 04	10



### Sealing set for Arsys IP44 devices

Suitable for	Order no.	Page
SCHUKO socket outlet with hinged cover	4758 ..	284
Rocker with imprint "IP44"	1424 10 04	291
Rocker with imprint "IP44"	1436 10 04	291

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 frame in the appropriate design 1gang, 2gang or 3gang.

– for vertical and horizontal mounting

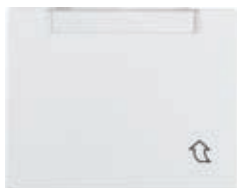
Suitable for  
Frames

Order no.

Page  
page 308

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

**Hinged covers**



**Hinged cover, flat**

- labelling field

- with imprint

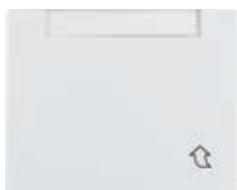


To be used for push-buttons with hinged cover, for example.

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



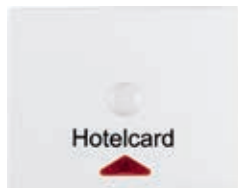
Labelling field height arranged for P-touch strips 6 mm.

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

## Hotel applications

### Centre plates for hotel card switches



#### Centre plate with imprint for push-button for hotel card

- red lens



Suitable for  
Push-button for hotel card

Order no. Page  
page 61

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 installations

### Central plates for hospital installation



#### Central plate for socket outlet for equipotential bonding

Caution!  
Use only with intermediate ring for central plate from the corresponding range.

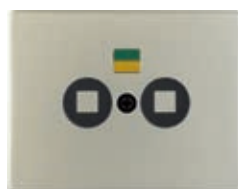
For double pole socket outlet for floating output according to DIN 42801

- with imprint

Suitable for  
Intermediate rings  
Socket outlet for floating output

Order no. Page  
page 301  
1061 64

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  
Intermediate rings  
Socket outlet for floating output

Order no. Page  
page 301  
1061 64

Design	Order no.	PU
Stainless steel, metal matt finish	# 1705 01 04	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** 479

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 479**

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 479**

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 479**

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 479**

Design	Order no.	Page
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

**Suitable for optional**  
Sealing ring for wall-tight installation of flush-mounted devices

**Order no.**      **Page**  
page 307





**Frame**

**i 479**

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 479**

– 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 – entry at top and bottom possible  
– with cable and duct entry

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.

Suitable for optional	Order no.	Page
Base plates		page 310
Entries/connectors		page 410

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

**Base plates**



**Base plate 1gang, self-extinguishing**

For surface-mounted frames of the design lines:  
- Berker Q.1  
- Berker Arsys

– with imprint  
– for mounting on combustible base surface

Suitable for	Order no.	Page
Surface-mounted frames		page 310

Design	Order no.	PU
white, 1gang	1021 12	10





**Base plate 2gang, self-extinguishing**

For surface-mounted frames of the design lines:  
- Berker Q.1  
- Berker Arsys

- with imprint
- for mounting on combustible base surface

**Suitable for** Surface-mounted frames      **Order no.**      **Page** page 310

Design	Order no.	PU
white, 2gang	<b>1021 22</b>	10



**Base plate 3gang, self-extinguishing**

For surface-mounted frames of the design lines:  
- Berker Q.1  
- Berker Arsys

- with imprint
- for mounting on combustible base surface

**Suitable for** Surface-mounted frames      **Order no.**      **Page** page 310

Design	Order no.	PU
white, 3gang	<b>1021 32</b>	10

Berker R.1 / R.3

Berker R.1 / R.3

Serie 1930 / Serie Glas / Serie R.classic

Serie 1930 / Serie Glas / Serie R.classic

Berker Integro Flow

Berker Manufaktur

Berker.Net conventional electronic platform

Security and safety systems

Technical appendix

Product summary

Socket outlets, Covers, Central inserts

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Frames

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Socket outlets, Covers, Toggles, Central inserts

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Frames

374



Sockets, covers, central inserts, frames

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412



Switches, Dimmers, Time switches, Motion detectors,  
Blind controllers, Wall transmitters, Hand-held transmitters

418



Alarm central unit, Sirens, Smoke detectors

434



Technical information, Legends

446

488

# 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 unmistakable 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



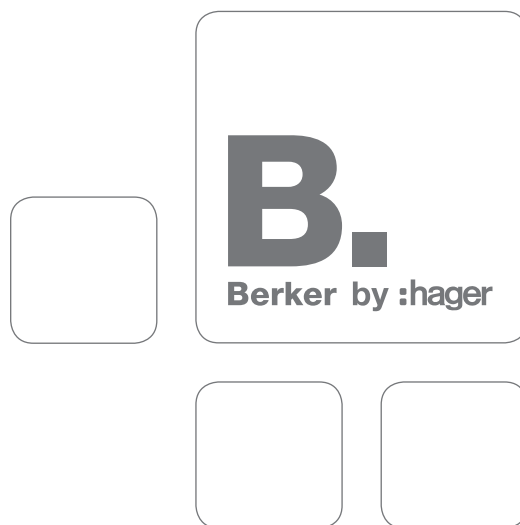
Covers / Central inserts

Plastic, glossy

polar white      similar to RAL 9010

black              similar to RAL 9005

Schuko socket outlets	316
International socket outlet systems	319
Covers for switches/push-buttons	321
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Covers for blind switches/push-buttons	326
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Accessible construction	332



**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**

Rated voltage 250 V~ - with plug-in terminals  
Rated current 16 A

**i** 474



Design	Order no.	PU
polar white glossy	<b>4743 20 89</b>	10
black glossy	<b>4743 20 45</b>	10



**SCHUKO socket outlet**

- enhanced contact protection
- with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A

**i** 474



Design	Order no.	PU
polar white glossy	<b>4723 20 89</b>	10
black glossy	<b>4723 20 45</b>	10



**SCHUKO socket outlet**

- screw-in lift terminals
- with screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A

**i** 474



Design	Order no.	PU
polar white glossy	<b>4143 20 89</b>	10
black glossy	<b>4143 20 45</b>	10



**SCHUKO socket outlet**

- enhanced contact protection
- screw-in lift terminals
- with screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A

**i** 474



Design	Order no.	PU
polar white glossy	<b>4123 20 89</b>	10
black glossy	<b>4123 20 45</b>	10



**SCHUKO socket outlet 45°**

**i 474**

Rated voltage 250 V~ - for diagonal installation  
Rated current 16 A - 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	<b>4727 20 89</b>	10
black glossy	<b>4727 20 45</b>	10



**SCHUKO socket outlet with LED orientation light**

**i 474**

- enhanced contact protection
- screw-in lift terminals



Rated voltage 250 V~  
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  
Frequency 50/60 Hz

- 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	<b>4109 20 89</b>	10
black glossy	<b>4109 20 45</b>	10



**SCHUKO socket outlet with control LED**

**i 474**

- 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 glossy	<b>4110 20 89</b>	10
black glossy	<b>4110 20 45</b>	10



**Double SCHUKO socket outlet with cover plate**

**i 474**

Rated voltage 250 V~ - with plug-in terminals  
Rated current 16 A  
Assembling height 22 mm

For installation in 1 gang wall boxes according to DIN 49073-1



Design	Order no.	PU
<b>Berker R.1</b> polar white glossy	<b>4728 20 89</b>	10
black glossy	<b>4728 20 45</b>	10



**Double SCHUKO socket outlet with cover plate**

**i** 474

- 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 DIN 49073-1

Design Order no. PU

**Berker R.1**

polar white glossy	<b>4729 20 89</b>	10
black glossy	<b>4729 20 45</b>	10



**Double SCHUKO socket outlet with cover plate**

**i** 474

Rated voltage 250 V~ - with plug-in terminals  
Rated current 16 A  
Assembling height 22 mm

For installation in 1gang wall boxes according to DIN 49073-1

Design Order no. PU

**Berker R.3**

polar white glossy	<b>4753 70 09</b>	10
black glossy	<b>4753 70 05</b>	10



**Combination SCHUKO socket outlet 2gang with frame**

**i** 474

Rated voltage 250 V~ - without spreader claws  
Rated current 16 A - 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	<b>4720 20 89</b>	5
black glossy	<b>4720 20 45</b>	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 76 00.



**SCHUKO socket outlet with hinged cover**

**i** 474

- enhanced contact protection
- with self-closing hinged covers
- with imprint
- with plug-in terminals

Rated voltage 250 V~  
Rated current 16 A

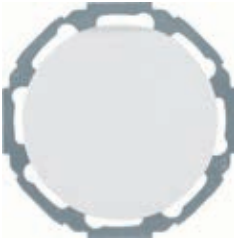
<b>Suitable for optional</b>	<b>Order no.</b>	<b>Page</b>
Sealing set for socket outlets/centre plates	1010 76 00	331

Design Order no. PU

polar white glossy	<b>4751 20 89</b>	10
black glossy	<b>4751 20 45</b>	10









**SCHUKO socket outlet with hinged cover** **i** 474


- enhanced contact protection
- installation position variable in 45° steps
- with self-closing hinged covers
- 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	<b>4744 20 89</b>	10
black glossy	<b>4744 20 45</b>	10



**SCHUKO socket outlets for special applications**





**SCHUKO socket outlet with imprint** **i** 474

Rated voltage 250 V~ - with plug-in terminals  
Rated current 16 A



Insert colour-coded.

Design	Order no.	PU
red glossy, imprint "EDV"	<b>4743 20 22</b>	10
green glossy, imprint "SV"	<b>4743 20 03</b>	10
orange glossy, imprint "ZSV"	<b>4743 20 07</b>	10


**SCHUKO socket outlet with control LED and imprint** **i** 474

- enhanced contact protection
- screw-in lift terminals
- with screw-in lift terminals


Rated voltage 250 V~  
Rated current 16 A

Design	Order no.	PU
red glossy, imprint "EDV"	<b>4110 20 22</b>	10
green glossy, imprint "SV"	<b>4110 20 03</b>	10
orange glossy, imprint "ZSV"	<b>4110 20 07</b>	10




**International socket outlet systems**

- 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 sealing set, order no. 1010 76 00.


**Socket outlets without earthing contact**





**Socket outlet without earthing contact** **i** 474

Rated voltage 250 V~ - 2pole  
Rated current 16 A - without spreader claws  
Mirror depth 8 mm - with plug-in terminals

Design	Order no.	PU
polar white glossy	<b>61 6703 20 89</b>	10
black glossy	<b>61 6703 20 45</b>	10



**Socket outlets with earthing pin**

**Socket outlet with earthing pin**

- enhanced contact protection




Rated voltage 250 V~  
Rated current 16 A

Design Order no. PU

polar white glossy	<b>67 6876 20 89</b>	10
black glossy	<b>67 6876 20 45</b>	10

**i 474**

- 2pole + earth
- with plug-in terminals

**Socket outlet with earthing pin**

- enhanced contact protection
- screw-in lift terminals




Rated voltage 250 V~  
Rated current 16 A

Design Order no. PU

polar white glossy	<b>67 6576 20 89</b>	10
black glossy	<b>67 6576 20 45</b>	10

**i 474**

- 2pole + earth
- with screw-in lift terminals

**Socket outlet with earthing pin and LED orientation light**

- 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  
Light intensity (white) 0.2 cd  
Switch-on brightness ca. 2 lx  
Switch-off brightness ca. 4 lx




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	<b>67 6510 20 89</b>	10
black glossy	<b>67 6510 20 45</b>	10

**i 474**

- 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
- additional benefit by combination of a socket outlet with an orientation light
- 2pole + earth
- through-wiring possible, therefore also ideal for retrofitting
- with screw-in lift terminals

**Socket outlet with earth contact pin and monitoring LED**

- enhanced contact protection
- screw-in lift terminals

Rated voltage 250 V~  
Rated current 16 A

Design Order no. PU

polar white glossy	<b>67 6509 20 89</b>	10
black glossy	<b>67 6509 20 45</b>	10

**i 474**

- 2pole + earth
- with screw-in lift terminals



**Socket outlet with earthing pin and hinged cover**

**i 474**

- 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

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 76 00	331



Design	Order no.	PU
polar white glossy	<b>67 6583 20 89</b>	10
black glossy	<b>67 6583 20 45</b>	10

**Socket outlets with earthing pin for special applications**



**Socket outlet with earth contact pin**

**i 474**

- 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	<b>67 6576 20 22</b>	10
green glossy	<b>67 6576 20 03</b>	10
orange glossy	<b>67 6576 20 07</b>	10



**Socket outlet with earth contact pin and monitoring LED**

**i 474**

- 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	<b>67 6509 20 22</b>	10
green glossy	<b>67 6509 20 03</b>	10
orange glossy	<b>67 6509 20 07</b>	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.



**Rocker**

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

Suitable for optional	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
Sealing set for switches/push-buttons	1010 77 00	331

Design	Order no.	PU
polar white glossy	<b>1620 20 89</b>	10
black glossy	<b>1620 20 45</b>	10

**Rocker with imprinted symbol for light**



Design  
polar white glossy, with imprinted symbol for light  
black glossy, 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
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	331
Order no.		PU
polar white glossy, with imprinted symbol for light	<b>1620 20 79</b>	10
black glossy, with imprinted symbol for light	<b>1620 20 35</b>	10

**Rocker with imprinted symbol for bell**

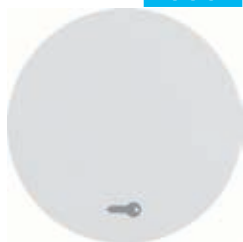


Design  
polar white glossy, with imprinted symbol for bell  
black glossy, with imprinted symbol for bell

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

Suitable for	Order no.	Page
Rocker push-buttons		page 20
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	331
Order no.		PU
polar white glossy, with imprinted symbol for bell	<b>1620 20 69</b>	10
black glossy, with imprinted symbol for bell	<b>1620 20 25</b>	10

**Rocker with imprinted symbol for door opener**




Design  
polar white glossy, with imprinted symbol  
for door opener  
black glossy, 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
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	331
Order no.		PU
polar white glossy, with imprinted symbol for door opener	<b>1620 20 59</b>	10
black glossy, with imprinted symbol for door opener	<b>1620 20 15</b>	10

**Rocker**




- clear 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.  
Design  
polar white glossy  
black glossy

– 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
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	331
Order no.		PU
polar white glossy	<b>1621 20 89</b>	10
black glossy	<b>1621 20 45</b>	10

**Rocker with imprinted symbol for light**



- clear 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.  
Design  
polar white glossy  
black glossy

– 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
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	331
Order no.		PU
polar white glossy	<b>1621 20 79</b>	10
black glossy	<b>1621 20 35</b>	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.

**Rocker with imprint "0"**



	<b>Suitable for</b> Multi-pole rocker switches <b>optional</b> Sealing set for switches/push-buttons	<b>Order no.</b>  1010 77 00	<b>Page</b> page 25  331
Design	Order no.		PU
polar white glossy	<b>1622 20 89</b>		10
black glossy	<b>1622 20 45</b>		10

**Rocker with imprint "0"**



- clear lens

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

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.

	<b>Suitable for</b> Multi-pole rocker switches <b>optional</b> Sealing set for switches/push-buttons	<b>Order no.</b>  1010 77 00	<b>Page</b> page 25  331
Design	Order no.		PU
polar white glossy	<b>1624 20 89</b>		10
black glossy	<b>1624 20 45</b>		10

**Multiple Rockers**

**Rocker 2gang**



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

	<b>Suitable for</b> Rocker switches, 2gang Series push-buttons	<b>Order no.</b>	<b>Page</b> page 28 page 28
Design	Order no.		PU
polar white glossy	<b>1623 20 89</b>		10
black glossy	<b>1623 20 45</b>		10

**Rocker 2gang**



- clear lens

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

	<b>Suitable for</b> Rocker switches, 2gang Series push-buttons	<b>Order no.</b>	<b>Page</b> page 28 page 28
Design	Order no.		PU
polar white glossy	<b>1627 20 89</b>		10
black glossy	<b>1627 20 45</b>		10

**Rocker 3gang**



	<b>Suitable for</b> On/off switch 3gang	<b>Order no.</b> 6330 23	<b>Page</b> 30
Design	Order no.		PU
polar white glossy	<b>1665 20 89</b>		10
black glossy	<b>1665 20 45</b>		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 31
Design	Order no.	PU
polar white glossy	<b>1146 20 89</b>	10
black glossy	<b>1146 20 45</b>	10

**Berker.Net - Conventional electronics platform**

**Buttons for switches/dimmers**



**Button 1gang**

Operating voltage

via insert – with 2-push-buttons operation concept  
– low intrinsic energy requirement

**i 468**

Suitable for	Order no.	Page
Inserts		page 356
DALI/DSI control insert	8542 17 00	46
Switch insert 1gang	8512 11 00	44
Relay insert	8512 12 00	43
Touch dimmer (R, L)	8542 11 00	45
Universal touch dimmer 1gang	8542 12 00	45

Design	Order no.	PU
polar white glossy	<b>8514 11 39</b>	1
black glossy	<b>8514 11 31</b>	1



**Button 2gang**

Operating voltage

via insert – with 2-push-buttons operation concept per series  
– low intrinsic energy requirement

**i 468**

Suitable for	Order no.	Page
Switch insert 2gang	8512 22 00	44
Universal touch dimmer 2gang	8542 21 00	46

Design	Order no.	PU
polar white glossy	<b>8514 21 39</b>	1
black glossy	<b>8514 21 31</b>	1



**Motion detector covers**



**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

**i 468**

Suitable for	Order no.	Page
Inserts		page 68
Inserts		page 358

Design	Order no.	PU
<b>Nominal mounting height 1.1 m</b>		
polar white glossy	<b>8534 12 39</b>	1
black glossy	<b>8534 12 31</b>	1
<b>Nominal mounting height 2.2 m</b>		
polar white glossy	<b>8534 22 39</b>	1
black glossy	<b>8534 22 31</b>	1





**Motion detector**

**i 468**

- Delay time  $\approx 180$  s  
Response brightness, adjustable  $\approx 5 \dots 1000$  lx,  $\infty$  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 68
Design	Order no.	PU

**Nominal mounting height 1.1 m**

polar white glossy	<b>8534 11 39</b>	1
black glossy	<b>8534 11 31</b>	1

**Nominal mounting height 2.2 m**

polar white glossy	<b>8534 21 39</b>	1
black glossy	<b>8534 21 31</b>	1



**Blind buttons**



**Blind button**

**i 468**

- 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  $\approx 250$  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	91
Blind insert comfort	8522 11 01	362

Can be switched to orientation led by extension unit - this function will be available from Q3 2015.

Design	Order no.	PU
polar white glossy	<b>8524 11 39</b>	1
black glossy	<b>8524 11 31</b>	1



**Time switches for blinds**



**Blind time switch**

**i 468**

- display
- Change-over time for change of direction < 0.6 s  
Minimum slat adjustment time  $\approx 250$  ms  
Running time 2 min  
Astronomic time shift  $\pm 2$  h  
Random number generator  $\pm 15$  min  
Power reserve  $\approx 24$  h  
Number of operation times for up/down 20
- 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

Can be switched to orientation led by extension unit - this function will be available from Q3 2015.

Control using device buttons and programmed switching times.

Suitable for	Order no.	Page
Blind insert comfort	8522 11 00	91
Blind insert comfort	8522 11 01	362

Design	Order no.	PU
polar white glossy	<b>8574 11 39</b>	1
black glossy	<b>8574 11 31</b>	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 76 00.



#### Centre plate for rotary dimmer

- setting knob



Design

polar white glossy

black glossy

#### Suitable for

Rotary dimmers  
Rotary potentiometers DALI  
1-10 V Rotary potentiometers

#### optional

Sealing set for socket outlets/centre plates

#### Order no.

1010 76 00

#### Page

page 36  
page 39  
page 40

Order no.

**1137 20 89**

**1137 20 45**

PU

10

10

## Covers for blind switches/push-buttons

### Rockers with imprint

#### Rocker 2gang with imprinted arrow symbol



Design

polar white glossy

black glossy

- also for KNX applications: push-button, 2gang

#### Suitable for

Switches/ push-buttons for blinds

#### Order no.

1625 20 89

1625 20 45

#### Page

page 84

Order no.

**1625 20 89**

**1625 20 45**

PU

10

10

#### Rocker 2gang with imprinted arrows symbol



Design

polar white glossy

black glossy

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

#### Suitable for

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

#### Order no.

1644 20 89

1644 20 45

#### Page

29

Order no.

**1644 20 89**

**1644 20 45**

PU

10

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.



#### Centre plate with rotary knob for rotary switch for blinds



Design

polar white glossy

black glossy

- with imprint

#### Suitable for

Rotary switches for blinds

#### optional

Sealing set for socket outlets/centre plates  
Interlock disk for rotary switch for blinds

#### Order no.

1010 76 00

1861 01

#### Page

page 86

331

87

Order no.

**1080 20 89**

**1080 20 45**

PU

1

1



## Communication/multimedia technology

### Covers data communications / telecommunications

#### Centre plate with TAE cut-out



- also for KNX applications: USB data interface, flush-mounted

Design	Order no.	Page
polar white glossy	<b>1038 20 89</b>	10
black glossy	<b>1038 20 45</b>	10

Suitable for	Order no.	Page
Loudspeaker connection box	4572 ..	121
Stereo loudspeaker connection box	4573 ..	122
Modular FCC socket outlet 8/8pole, cat.6A	4584	103
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	103
230 V USB charging socket	2600 ..	371

#### Centre plate for FCC socket outlet



- for 1gang socket outlet cat.3, cat.5e, cat.6 and cat.6<sub>A</sub> iso
- for WLAN access-points
- with 45° oblique outlet

Design	Order no.	Page
polar white glossy	<b>1407 20 89</b>	10
black glossy	<b>1407 20 45</b>	10

Suitable for	Order no.	Page
FCC socket outlets 1gang/WLAN access points		page 98

#### Centre plate for FCC socket outlet 2gang



- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6<sub>A</sub> iso
- with 45° oblique outlet

Design	Order no.	Page
polar white glossy	<b>1409 20 89</b>	10
black glossy	<b>1409 20 45</b>	10

Suitable for	Order no.	Page
FCC socket outlets 2gang		page 101

#### Centre plate with dust protection slider



- for supporting plates with coloured mounting device, 1gang, order no. 4540 .. and 454201, see "Communication/multimedia technology"

Design	Order no.	Page
polar white glossy	<b>1170 20 89</b>	10
black glossy	<b>1170 20 45</b>	10

#### Centre plate with 2 dust protection sliders



- for supporting plates with coloured mounting devices, 2gang, order no. 4541 ..and 454202 see "Communication/multimedia technology"

Design	Order no.	Page
polar white glossy	<b>1181 20 89</b>	10
black glossy	<b>1181 20 45</b>	10

**Covers for aerial sockets**



**Centre plate for aerial socket 2-/3hole**

- with knock out SAT input

Design

polar white glossy

black glossy

Suitable for	Order no.	Page
Aerial socket 2hole single box	4502 10	113
Aerial socket 2hole throughpass socket	4515 ..	113
Aerial socket 3hole single box	4522 10	113

Order no. PU

**1203 20 89** 10

**1203 20 45** 10



**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

polar white glossy

black glossy

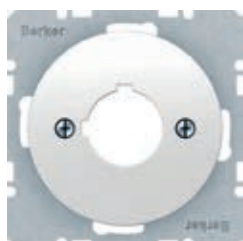
Suitable for	Order no.	Page
Aerial socket 4hole single box	4594 10	114

Order no. PU

**1484 20 89** 10

**1484 20 45** 10

**Central plates for signalling and command units**



**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

polar white glossy

black glossy

yellow glossy

Order no. PU

**1432 20 89** 10

**1432 20 45** 10

**1432 20 06** 10

**Covers Audio**



**Centre plate for loudspeaker socket outlet**

- 1 knock out opening

Design

polar white glossy

black glossy

Suitable for	Order no.	Page
Entry for small connector	4505	123
Loudspeaker socket outlet High End	4505 02	123

Order no. PU

**1196 20 89** 10

**1196 20 45** 10

**Video socket outlets**



**VGA socket outlet**

Frequency range video

max. 160 MHz

Resolution

max. 1280 x 1024 px

- with 15pole D-subminiature double jack  
- S-VGA compatible

**i 461**

Design

**with double jack**

polar white glossy

black glossy

**back side, with screw-in lift terminals**

polar white glossy <sup>1)</sup>

black glossy <sup>1)</sup>

Order no. PU

**33 1540 20 89** 10

**33 1540 20 45** 10

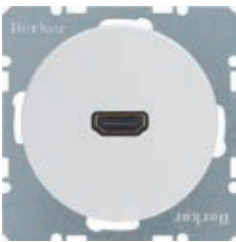
**33 1541 20 89** 10

**33 1541 20 45** 10



<sup>1)</sup>for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm<sup>2</sup>

**Multimedia sockets**



**High definition socket outlet**

**i 467**

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)
- 19pole

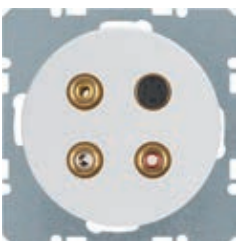
Design Order no. PU

**back side, with straight socket**

polar white glossy	<b>33 1542 20 89</b>	10
black glossy	<b>33 1542 20 45</b>	10

**back side, with 90° angle socket**

polar white glossy	<b>33 1543 20 89</b>	10
black glossy	<b>33 1543 20 45</b>	10



**3 x Cinch/S-Video socket outlet**

**i 467**

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	<b>33 1532 20 89</b>	10
black glossy	<b>33 1532 20 45</b>	10



**USB/3.5 mm audio socket outlet**

**i 467**

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	<b>33 1539 20 89</b>	10
black glossy	<b>33 1539 20 45</b>	10



**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.



**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 53
LED lamp E10		page 53
Neon lamp E10		page 53
Push-button/pilot lamp E10, NO contact	5101 ..	51

Design Order no. PU

polar white glossy	<b>1124 20 89</b>	10
black glossy	<b>1124 20 45</b>	10



### Centre plate for pilot lamp E14



For LEDs, incandescent lamps and covers see "Supplementary products".

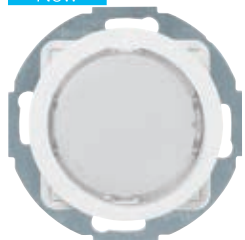
Suitable for	Order no.	Page
Covers and push-buttons		page 53
LED lamp E14		page 53
Incandescent lamp E14		page 53
Pilot lamp E14	5131 02	52
<b>optional</b>		
Sealing set for socket outlets/centre plates	1010 76 00	331
Design	Order no.	PU
polar white glossy	<b>1198 20 89</b>	10
black glossy	<b>1198 20 45</b>	10

## LED signal lights

New

### LED signal light, white lighting

**i** 451



Rated voltage	230 V~	- Brightness modifiable via potentiometer
Frequency	50/60 Hz	- Light colour cold white
Power consumption	at 230 ~, 50 Hz - max. 1 W	- switchable via separate switch
Quantity LED lamps	4	- for signalling notices, information or warnings
Ambient temperature	-15 ... +40 °C	- Foils with imprint of symbols insertable
Conductor cross-section	2.5 mm <sup>2</sup>	

For installation in standard wall boxes according to DIN 49073-1

Suitable for optional	Order no.	Page
Foil for round LED signal light		page 50

Design	Order no.	PU
polar white glossy	<b>* 2953 20 89</b>	1
black glossy	<b>* 2953 20 45</b>	1



New

### LED signal light, RGB

**i** 451



Rated voltage	230 V~	- Brightness modifiable via potentiometer
Frequency	50/60 Hz	- Light colours cold white, warm white, blue, orange, red, green, purple (magenta) and colour sequence callable via push-button
Power consumption	at 195 ... 265 V~, 50/60 Hz max. 2 W	- Colour sequence can be stopped at any position via the push-button.
Quantity LED lamps	4	- colour is switchable via an external switch
Ambient temperature	-15 ... +40 °C	- for signalling notices, information or warnings
Conductor cross-section	2.5 mm <sup>2</sup>	- Foils with imprint of symbols insertable

For installation in standard wall boxes according to DIN 49073-1

Suitable for optional	Order no.	Page
Foil for round LED signal light		page 50

Design	Order no.	PU
polar white glossy	<b>* 2951 20 89</b>	1
black glossy	<b>* 2951 20 45</b>	1



New

### LED signal light, red/green lighting

**i** 451



Rated voltage	230 V~	- switchable between red and green via separate switches
Frequency	50/60 Hz	- for signalling of e.g. access control
Power consumption	at 230 ~, 50 Hz - per colour max. 0.5 W	- Two coloured foils with imprinted symbols for Do not disturb/ Clean room and Please enter/ Please wait are supplied
Quantity LED lamps	max. 0.5 W	
Ambient temperature	-15 ... +40 °C	
Conductor cross-section	2.5 mm <sup>2</sup>	

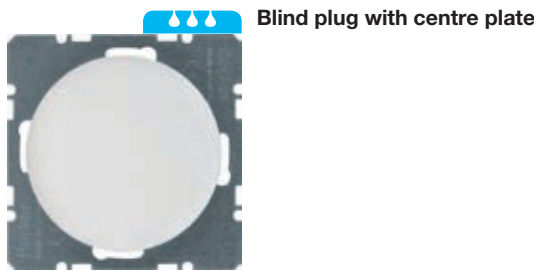
For installation in standard wall boxes according to DIN 49073-1

Suitable for optional	Order no.	Page
Foil bi-colour for round LED signal light		page 51

Design	Order no.	PU
polar white glossy	<b>* 2952 20 89</b>	1
black glossy	<b>* 2952 20 45</b>	1



## Supplementary products



**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	331



Design	Order no.	PU
polar white glossy	<b>1009 20 89</b>	20
black glossy	<b>1009 20 45</b>	20

## Sealings IP44



**Sealing set for socket outlets/centre plates**

Suitable for	Order no.	Page
Centre plates for rotary dimmers		page 326
Centre plates for rotary switches for blinds		page 326
Centre plate for pilot lamp E14		page 330
Frames		page 336
Frames		page 344
Blind plug with centre plate	1009 20 ..	331
SCHUKO socket outlet with hinged cover	4751 20 89	318
Socket outlet with earthing pin and hinged cover	67 6583 20 ..	321

Design	Order no.	PU
transparent	<b>1010 76 00</b>	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 321
Rockers for multi-pole rocker switches		page 323
Rockers - accessible construction		page 332
Frames		page 336
Frames		page 344

Design	Order no.	PU
transparent	<b>1010 77 00</b>	1

## Hotel applications



**Relay switch with centre plate for hotel card**

**i 458**

Frequency	50/60 Hz	- for illumination
230 V incandescent lamps and halogen lamps	1500 W	- illuminated with blue LED if hotel card is not inserted
Electronic transformers	1500 W	- with potentiometer for incremental adjustment of delay time
Fluorescent lamps:		- with potential-free contact
- in Duo circuit	1500 W	- with screw-in lift terminals
Card width	max. 55 mm	
Insertion depth	32 mm	
Card thickness	0.8 ... 1.2 mm	
Inductive load at $\cos \varphi = 0.6$	max. 6 A	
Rated voltage	230 V~ +10/-15 %	
Switching current	10 A /230 V AC1	
Conventional transformers	1500 VA	
Compact fluorescent lamps	500 W	
Neutral conductor necessary!		



Design	Order no.	PU
polar white glossy	<b>1640 20 89</b>	1
black glossy	<b>1640 20 45</b>	1

## Accessible 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** 474

- 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	<b>4744 20 79</b>	10

### Rockers - accessible 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.



#### Rocker for barrier-free construction



- guide for mouth rod
- clear 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, and group push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	331

Design	Order no.	PU
polar white glossy	<b>1661 20 49</b>	10



#### Rocker for barrier-free construction



- tactile light symbol
- clear 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.

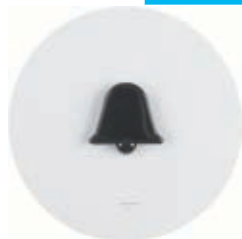
- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	331

Design	Order no.	PU
polar white glossy	<b>1651 20 49</b>	10



#### Rocker for barrier-free construction



- tactile bell symbol
- clear 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 illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang

Suitable for	Order no.	Page
Rocker push-buttons		page 20
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	331

Design	Order no.	PU
polar white glossy	<b>1651 20 89</b>	10



**Rocker for barrier-free construction**

- tactile symbol for door opener
- clear 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 illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang

Suitable for	Order no.	Page
Rocker push-buttons		page 20
<b>optional</b>		
Sealing set for switches/push-buttons	1010 77 00	331

Design	Order no.	PU
polar white glossy	<b>1651 20 69</b>	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



reddot design award  
winner 2013

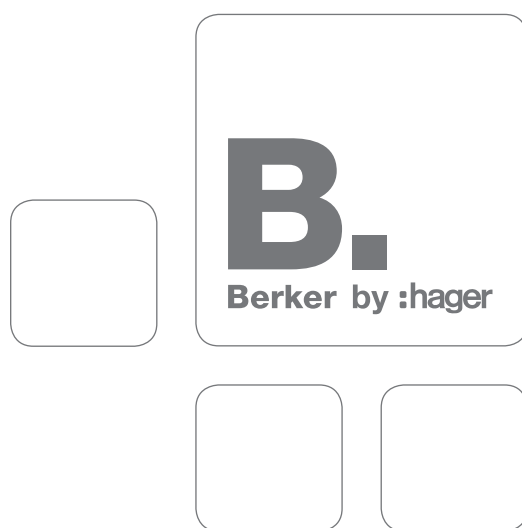
## Frames

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**

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

	<b>Frame</b>	<b>i</b>	<b>480</b>	
		– for vertical and horizontal mounting		
		<b>Suitable for optional Sealings IP44</b>	<b>Order no.</b>	<b>Page</b>
	Design			page 331
	polar white glossy, 1gang	<b>1011 21 89</b>		PU
	polar white glossy, 2gang	<b>1012 21 89</b>		10
	polar white glossy, 3gang	<b>1013 21 89</b>		2
polar white glossy, 4gang	<b>1014 21 89</b>		2	
polar white glossy, 5gang	<b>1015 21 89</b>		2	

	<b>Frame</b>	<b>i</b>	<b>480</b>	
		– for vertical and horizontal mounting		
		<b>Suitable for optional Sealings IP44</b>	<b>Order no.</b>	<b>Page</b>
	Design			page 331
	black glossy, 1gang	<b>1011 21 45</b>		PU
	black glossy, 2gang	<b>1012 21 45</b>		10
	black glossy, 3gang	<b>1013 21 45</b>		2
black glossy, 4gang	<b>1014 21 45</b>		10	
black glossy, 5gang	<b>1015 21 45</b>		2	

	<b>Frame</b>	<b>i</b>	<b>480</b>	
		– for vertical and horizontal mounting		
		<b>Suitable for optional Sealings IP44</b>	<b>Order no.</b>	<b>Page</b>
	Design			page 331
	Aluminium/polar white, 1gang	<b>1011 21 74</b>		PU
	Aluminium/polar white, 2gang	<b>1012 21 74</b>		10
	Aluminium/polar white, 3gang	<b>1013 21 74</b>		10
Aluminium/polar white, 4gang	<b>1014 21 74</b>		2	
Aluminium/polar white, 5gang	<b>1015 21 74</b>		2	

	<b>Frame</b>	<b>i</b>	<b>480</b>	
		– for vertical and horizontal mounting		
		<b>Suitable for optional Sealings IP44</b>	<b>Order no.</b>	<b>Page</b>
	Design			page 331
	Aluminium/black, 1gang	<b>1011 21 84</b>		PU
	Aluminium/black, 2gang	<b>1012 21 84</b>		10
	Aluminium/black, 3gang	<b>1013 21 84</b>		10
Aluminium/black, 4gang	<b>1014 21 84</b>		2	
Aluminium/black, 5gang	<b>1015 21 84</b>		2	



**Frame**

– for vertical and horizontal mounting

**i 480**

Design	Order no.	Page
Stainless steel/polar white, 1gang	<b>1011 21 14</b>	10
Stainless steel/polar white, 2gang	<b>1012 21 14</b>	10
Stainless steel/polar white, 3gang	<b>1013 21 14</b>	10
Stainless steel/polar white, 4gang	<b>1014 21 14</b>	2
Stainless steel/polar white, 5gang	<b>1015 21 14</b>	2

Suitable for optional Sealings IP44

Order no. PU



**Frame**

– for vertical and horizontal mounting

**i 480**

Design	Order no.	Page
Stainless steel/black, 1gang	<b>1011 21 04</b>	10
Stainless steel/black, 2gang	<b>1012 21 04</b>	10
Stainless steel/black, 3gang	<b>1013 21 04</b>	10
Stainless steel/black, 4gang	<b>1014 21 04</b>	2
Stainless steel/black, 5gang	<b>1015 21 04</b>	2

Suitable for optional Sealings IP44

Order no. PU



**Frame**

– for vertical and horizontal mounting

**i 480**

Design	Order no.	Page
glass polar white , 1gang	<b>1011 21 09</b>	10
glass polar white, 2gang	<b>1012 21 09</b>	5
glass polar white, 3gang	<b>1013 21 09</b>	5
glass polar white, 4gang	<b>1014 21 09</b>	1
glass polar white, 5gang	<b>1015 21 09</b>	1

Suitable for optional Sealings IP44

Order no. PU



**Frame**

– for vertical and horizontal mounting

**i 480**

Design	Order no.	Page
glass black, 1gang	<b>1011 21 16</b>	10
glass black, 2gang	<b>1012 21 16</b>	5
glass black, 3gang	<b>1013 21 16</b>	5
glass black, 4gang	<b>1014 21 16</b>	1
glass black, 5gang	<b>1015 21 16</b>	1

Suitable for optional Sealings IP44

Order no. PU



**Frame**

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	Page
polar white glossy, 1gang	<b>1011 21 79</b>	10
polar white glossy, 2gang vertical	<b>1012 21 69</b>	2
polar white glossy, 3gang vertical	<b>1013 21 69</b>	2
polar white glossy, 2gang horizontal	<b>1012 21 79</b>	2
polar white glossy, 3gang horizontal	<b>1013 21 79</b>	2



**Frame**

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
black glossy, 1gang	<b>1011 21 35</b>	10
black glossy, 2gang vertical	<b>1012 21 25</b>	2
black glossy, 3gang vertical	<b>1013 21 25</b>	2
black glossy, 2gang horizontal	<b>1012 21 35</b>	2
black glossy, 3gang horizontal	<b>1013 21 35</b>	2

**Frames made from special materials**



**Frame**

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

Caution!

Installation only possible on a flat surface. Tighten screws of the covers only **by hand**.

The colour of surface material can change when exposed to UV radiation.

Caution!

Natural product made from open-pored material, which is sensitive to grease and dirt.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting
- natural, untreated surface structure
- natural material that underscores the individual character by means of developed structures and different material thicknesses and colour schemes

Design	Order no.	PU
anthracite/polar white glossy, natural slate, 1gang	<b>1011 23 89</b>	1
anthracite/polar white glossy, natural slate, 2gang	<b>1012 23 89</b>	1
anthracite/polar white glossy, natural slate, 3gang	<b>1013 23 89</b>	1



**Frame**

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

Caution!

Installation only possible on a flat surface. Tighten screws of the covers only **by hand**.

The colour of surface material can change when exposed to UV radiation.

Caution!

Natural product made from open-pored material, which is sensitive to grease and dirt.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting
- natural, untreated surface structure
- natural material that underscores the individual character by means of developed structures and different material thicknesses and colour schemes

Design	Order no.	PU
anthracite/black glossy, natural slate, 1gang	<b>1011 23 84</b>	1
anthracite/black glossy, natural slate, 2gang	<b>1012 23 84</b>	1
anthracite/black glossy, natural slate, 3gang	<b>1013 23 84</b>	1



**Frame**

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

Caution!

Installation only possible on a flat surface. Tighten screws of the covers only **by hand**.

The colour of surface material can change when exposed to UV radiation.

Caution!

Natural product made from open-pored material, which is sensitive to grease and dirt.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting
- smoothly milled surface
- natural material that underscores the individual character by means of different structures and colour schemes

Design	Order no.	PU
grey/polar white glossy, grounded concrete, 1gang	<b>1011 23 79</b>	1
grey/polar white glossy, grounded concrete, 2gang	<b>1012 23 79</b>	1
grey/polar white glossy, grounded concrete, 3gang	<b>1013 23 79</b>	1



**Frame**

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

Caution!  
Installation only possible on a flat surface.  
Tighten screws of the covers only **by hand**.

The colour of surface material can change when exposed to UV radiation.

Caution!  
Natural product made from open-pored material, which is sensitive to grease and dirt.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting
- smoothly milled surface
- natural material that underscores the individual character by means of different structures and colour schemes

Design	Order no.	PU
grey/black glossy, grounded concrete, 1gang	<b>1011 23 74</b>	1
grey/black glossy, grounded concrete, 2gang	<b>1012 23 74</b>	1
grey/black glossy, grounded concrete, 3gang	<b>1013 23 74</b>	1



**Frame**

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

The shape of surface materials can change during changes in temperature and humidity and its colour can change when exposed to UV radiation.

Patina typical for real leather can develop over time due to touch and the influence of light.

Caution!  
Natural product made from open-pored material, which is sensitive to grease and dirt.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting
- structured surface
- high quality, durable material that underscores the individual character by means of different structures and colour schemes

Design	Order no.	PU
brown/polar white glossy, embossed leather, 1gang	<b>1011 23 69</b>	1
brown/polar white glossy, embossed leather, 2gang	<b>1012 23 69</b>	1
brown/polar white glossy, embossed leather, 3gang	<b>1013 23 69</b>	1
brown/polar white glossy, embossed leather, 4gang	<b>1014 23 69</b>	1
brown/polar white glossy, embossed leather, 5gang	<b>1015 23 69</b>	1



**Frame**

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

The shape of surface materials can change during changes in temperature and humidity and its colour can change when exposed to UV radiation.

Patina typical for real leather can develop over time due to touch and the influence of light.

Caution!  
Natural product made from open-pored material, which is sensitive to grease and dirt.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting
- structured surface
- high quality, durable material that underscores the individual character by means of different structures and colour schemes

Design	Order no.	PU
brown/black glossy, embossed leather, 1gang	<b>1011 23 64</b>	1
brown/black glossy, embossed leather, 2gang	<b>1012 23 64</b>	1
brown/black glossy, embossed leather, 3gang	<b>1013 23 64</b>	1
brown/black glossy, embossed leather, 4gang	<b>1014 23 64</b>	1
brown/black glossy, embossed leather, 5gang	<b>1015 23 64</b>	1



**Frame**

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

The shape of surface materials can change during changes in temperature and humidity and its colour can change when exposed to UV radiation.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting
- stained on bog oak
- natural material that underscores the individual character by means of different grains and colour structures

Design	Order no.	PU
oak/polar white glossy, stained wood, 1gang	<b>1011 23 59</b>	1
oak/polar white glossy, stained wood, 2gang	<b>1012 23 59</b>	1
oak/polar white glossy, stained wood, 3gang	<b>1013 23 59</b>	1
oak/polar white glossy, stained wood, 4gang	<b>1014 23 59</b>	1
oak/polar white glossy, stained wood, 5gang	<b>1015 23 59</b>	1



**Frame**

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

The shape of surface materials can change during changes in temperature and humidity and its colour can change when exposed to UV radiation.

Please observe care instructions in the appendix!

- for vertical and horizontal mounting
- stained on bog oak
- natural material that underscores the individual character by means of different grains and colour structures

Design	Order no.	PU
oak/black glossy, stained wood, 1gang	<b>1011 23 54</b>	1
oak/black glossy, stained wood, 2gang	<b>1012 23 54</b>	1
oak/black glossy, stained wood, 3gang	<b>1013 23 54</b>	1
oak/black glossy, stained wood, 4gang	<b>1014 23 54</b>	1
oak/black glossy, stained wood, 5gang	<b>1015 23 54</b>	1



**Frame**

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

Please observe care instructions in the appendix!

- for vertical and horizontal mounting

Design	Order no.	PU
red transparent/polar white glossy, acrylic, 1gang	<b>1011 23 49</b>	1
red transparent/polar white glossy, acrylic, 2gang	<b>1012 23 49</b>	1
red transparent/polar white glossy, acrylic, 3gang	<b>1013 23 49</b>	1
red transparent/polar white glossy, acrylic, 4gang	<b>1014 23 49</b>	1
red transparent/polar white glossy, acrylic, 5gang	<b>1015 23 49</b>	1



**Frame**

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

Please observe care instructions in the appendix!

- for vertical and horizontal mounting

Design	Order no.	PU
red transparent/black glossy, acrylic, 1gang	<b>1011 23 44</b>	1
red transparent/black glossy, acrylic, 2gang	<b>1012 23 44</b>	1
red transparent/black glossy, acrylic, 3gang	<b>1013 23 44</b>	1
red transparent/black glossy, acrylic, 4gang	<b>1014 23 44</b>	1
red transparent/black glossy, acrylic, 5gang	<b>1015 23 44</b>	1



**Frame**

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

Please observe care instructions in the appendix!

- for vertical and horizontal mounting

Design	Order no.	PU
orange transparent/polar white glossy, acrylic, 1gang	<b>1011 23 39</b>	1
orange transparent/polar white glossy, acrylic, 2gang	<b>1012 23 39</b>	1
orange transparent/polar white glossy, acrylic, 3gang	<b>1013 23 39</b>	1
orange transparent/polar white glossy, acrylic, 4gang	<b>1014 23 39</b>	1
orange transparent/polar white glossy, acrylic, 5gang	<b>1015 23 39</b>	1



**Frame**

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

– for vertical and horizontal mounting

Please observe care instructions in the appendix!

Design	Order no.	PU
orange transparent/black glossy, acrylic, 1gang	<b>1011 23 34</b>	1
orange transparent/black glossy, acrylic, 2gang	<b>1012 23 34</b>	1
orange transparent/black glossy, acrylic, 3gang	<b>1013 23 34</b>	1
orange transparent/black glossy, acrylic, 4gang	<b>1014 23 34</b>	1
orange transparent/black glossy, acrylic, 5gang	<b>1015 23 34</b>	1

# 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



reddot design award  
winner 2013

## 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

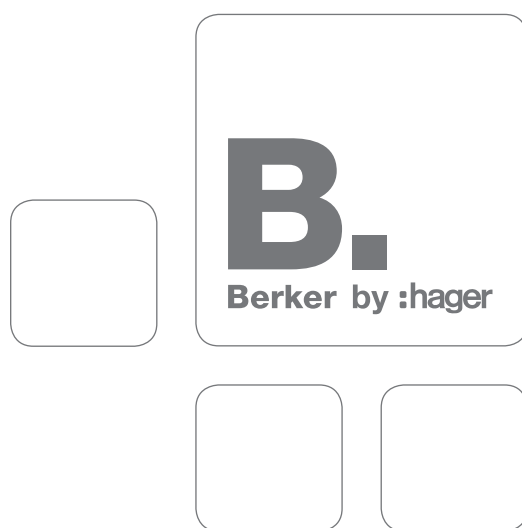


Frames 344


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Surface-mounted housings 346


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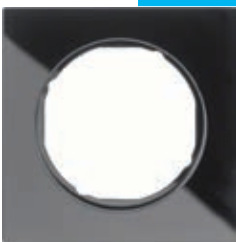






	<b>Frame</b>		<b>480</b>	
		– for vertical and horizontal mounting		
		<b>Suitable for optional Sealings IP44</b>	<b>Order no.</b>	<b>Page</b>
	Design	Order no.	PU	page 331
	Stainless steel/polar white, 1gang	<b>1011 22 14</b>		10
	Stainless steel/polar white, 2gang	<b>1012 22 14</b>		10
	Stainless steel/polar white, 3gang	<b>1013 22 14</b>		10
Stainless steel/polar white, 4gang	<b>1014 22 14</b>		2	
Stainless steel/polar white, 5gang	<b>1015 22 14</b>		2	

	<b>Frame</b>		<b>480</b>	
		– for vertical and horizontal mounting		
		<b>Suitable for optional Sealings IP44</b>	<b>Order no.</b>	<b>Page</b>
	Design	Order no.	PU	page 331
	Stainless steel/black, 1gang	<b>1011 22 04</b>		10
	Stainless steel/black, 2gang	<b>1012 22 04</b>		10
	Stainless steel/black, 3gang	<b>1013 22 04</b>		10
Stainless steel/black, 4gang	<b>1014 22 04</b>		2	
Stainless steel/black, 5gang	<b>1015 22 04</b>		2	

	<b>Frame</b>		<b>480</b>	
		– for vertical and horizontal mounting		
		<b>Suitable for optional Sealings IP44</b>	<b>Order no.</b>	<b>Page</b>
	Design	Order no.	PU	page 331
	glass polar white, 1gang	<b>1011 22 09</b>		10
	glass polar white, 2gang	<b>1012 22 09</b>		5
	glass polar white, 3gang	<b>1013 22 09</b>		5
glass polar white, 4gang	<b>1014 22 09</b>		1	
glass polar white, 5gang	<b>1015 22 09</b>		1	

	<b>Frame</b>		<b>480</b>	
		– for vertical and horizontal mounting		
		<b>Suitable for optional Sealings IP44</b>	<b>Order no.</b>	<b>Page</b>
	Design	Order no.	PU	page 331
	glass black, 1gang	<b>1011 22 16</b>		10
	glass black, 2gang	<b>1012 22 16</b>		5
	glass black, 3gang	<b>1013 22 16</b>		5
glass black, 4gang	<b>1014 22 16</b>		1	
glass black, 5gang	<b>1015 22 16</b>		1	

	<b>Frame</b>		
		– labelling field	
			
		Labelling field height arranged for P-touch strips 6 mm.	
	Design	Order no.	PU
	polar white glossy, 1gang	<b>1011 22 79</b>	10
	polar white glossy, 2gang vertical	<b>1012 22 69</b>	2
polar white glossy, 3gang vertical	<b>1013 22 69</b>	2	
polar white glossy, 2gang horizontal	<b>1012 22 79</b>	2	
polar white glossy, 3gang horizontal	<b>1013 22 79</b>	2	



**Frame**

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
black glossy, 1gang	<b>1011 22 35</b>	10
black glossy, 2gang vertical	<b>1012 22 25</b>	2
black glossy, 3gang vertical	<b>1013 22 25</b>	2
black glossy, 2gang horizontal	<b>1012 22 35</b>	2
black glossy, 3gang horizontal	<b>1013 22 35</b>	2

## Surface-mounted housings



**Housing surface-mounted**

- Insertion depth 37 mm
- entry at top and bottom possible
  - with cable and duct entry
  - for mounting on combustible base surface
  - for vertical and horizontal mounting
- Flush-mounted devices can be used with the surface-mounted housings for surface-mounted installation.

Design	Order no.	PU
polar white glossy, 1gang	<b>1041 89 89</b>	10
polar white glossy, 2gang	<b>1042 89 89</b>	5
polar white glossy, 3gang	<b>1043 89 89</b>	5
black glossy, 1gang	<b>1041 89 35</b>	10
black glossy, 2gang	<b>1042 89 35</b>	5
black glossy, 3gang	<b>1043 89 35</b>	5



# Serie 1930 / Glas / 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

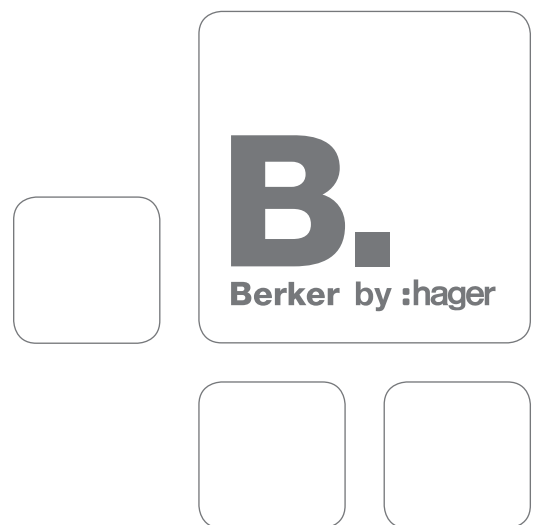
Metal toggle  
brass, clear vanished  
brass, chrome-plated

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	350
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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 outlet**

**i 474**

- installation position variable in 45° steps
- with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A

Design Order no. PU

**Berker Serie 1930/Glas**

polar white glossy	<b>4745 20</b>	10
black glossy	<b>4745 21</b>	10

**Berker Serie R.classic**

polar white glossy	<b>4745 20 89</b>	10
black glossy	<b>4745 20 45</b>	10



**SCHUKO socket outlet**

**i 474**

- enhanced contact protection
- installation position variable in 45° steps
- with plug-in terminals



Rated voltage 250 V~  
Rated current 16 A

Design Order no. PU

**Berker Serie 1930/Glas**

polar white glossy	<b>4755</b>	10
black glossy	<b>4755 01</b>	10

**Berker Serie R.classic**

polar white glossy	<b>4755 20 89</b>	10
black glossy	<b>4755 20 45</b>	10



**SCHUKO socket outlet**

**i 474**

- installation position variable in 45° steps
- screw-in lift terminals
- with screw-in lift terminals



Rated voltage 250 V~  
Rated current 16 A

Design Order no. PU

**Berker Serie 1930/Glas**

polar white glossy	<b>4145 20</b>	10
black glossy	<b>4145 21</b>	10

**Berker Serie R.classic**

polar white glossy	<b>4145 20 89</b>	10
black glossy	<b>4145 20 45</b>	10







**SCHUKO socket outlet with LED orientation light**

**i 474**

- 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

- 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

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
<b>Berker Serie 1930/R.classic</b>		
polar white glossy	<b>4109 20 89</b>	10
black glossy	<b>4109 20 45</b>	10



**SCHUKO socket outlets with hinged cover**



**SCHUKO socket outlet with hinged cover**

**i 474**

- 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
<b>Berker Serie 1930/R.classic</b>		
polar white glossy	<b>4744 20 89</b>	10
black glossy	<b>4744 20 45</b>	10



**International socket outlet systems**

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

**Socket outlets with earthing pin**



**Socket outlet with earthing pin**

**i 474**

- 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
<b>Berker Serie 1930/Glas</b>		
polar white glossy	<b>6768 79</b>	10
black glossy	<b>6768 79 01</b>	10
<b>Berker Serie R.classic</b>		
polar white glossy	<b>67 6879 20 89</b>	10
black glossy	<b>67 6879 20 45</b>	10





**Socket outlet with earthing pin**

- 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**

polar white glossy **6765 79** 10  
black glossy **6765 79 01** 10

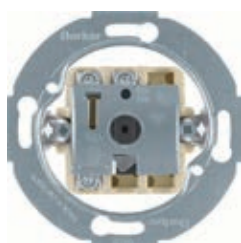
**Berker Serie R.classic**

polar white glossy **67 6579 20 89** 10  
black glossy **67 6579 20 45** 10



**Switches/Push-buttons**

**Rotary switches**



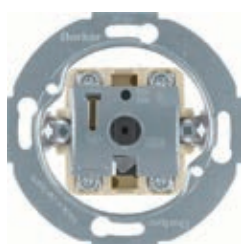
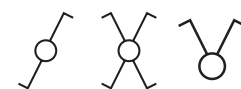
**Rotary switch**

Rated voltage 250 V~ - with screw terminals  
Switching current 10 AX

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~ - with screw terminals  
Switching current 10 AX

Design Order no. PU

Rotary switch, 2pole off **3893 00** 1



**Spring-return push-buttons**



**Spring-return push-button, change-over contact**

Rated voltage 250 V~ - with screw terminals  
Momentary-contact current 10 A

Design Order no. PU

Spring-return push-button, change-over contact **3846 00** 1





**Group spring-return push-button 2pole, isolated input terminals**

- 0 position



- also suitable as series push-button for blinds
- with screw terminals

Rated voltage 250 V~  
Momentary-contact current 10 A

Without centre plate also suitable for mounting with glass and decor cover plates.



Design	Order no.	PU
Group spring-return push-button 2pole, isolated input terminals	<b>3838 00</b>	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
<b>Berker Serie 1930</b> polar white glossy	<b>1647</b>	1
black glossy	<b>1647 01</b>	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
<b>Berker Serie 1930 Porzellan made by Rosenthal</b> polar white glossy	<b>1647 69</b>	1
black glossy	<b>1647 65</b>	1

**Cover plates for switches/push-buttons**



**Glass cover plate for rotary switch/spring-return push-button**

**i 481**

Caution!In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

Special variant for hollow-wall mounting available on request.

- toughened glass
- for single mounting
- with polar white plastic base

Design	Order no.	Page
<b>Berker Serie Glas</b> clear glossy	<b>1090</b>	10

Suitable for optional	Order no.	Page
Spacer gland	1887	373



**Glass cover centre plate for rotary switch/spring-return push-button**







**i 481**

Combinations are only to be installed in simple combi boxes.

Special variant for hollow-wall mounting available on request.

- toughened glass
- for combination mounting
- with polar white plastic base

Design	Order no.	PU
<b>Berker Serie Glas</b> clear glossy	<b>1095</b>	10

	<b>Glass cover end plate for rotary switch/spring-return push-button</b>		<b>i</b>	<b>481</b>
	Combinations are only to be installed in simple combi boxes. Special variant for hollow-wall mounting available on request.	– toughened glass – for combination mounting – with polar white plastic base		
	Design <b>Berker Serie Glas</b> clear glossy	Order no. <b>1094</b>		PU <b>10</b>
	<b>Chrome toggle</b>	– for rotary switch/rotary push-button with toggle		
	Design <b>Berker Serie Glas</b> Brass, chrome-plated	<b>Suitable for</b> Rotary switches Spring-return push-buttons Order no. <b>1812 01</b>	<b>Order no.</b> <b>1812 01</b>	<b>Page</b> page 352 page 352 PU <b>1</b>
	<b>Brass toggle</b>	– for rotary switch/rotary push-button with toggle		
	Design <b>Berker Serie Glas</b> Brass, clear varnished	<b>Suitable for</b> Rotary switches Spring-return push-buttons Order no. <b>1812</b>	<b>Order no.</b> <b>1812</b>	<b>Page</b> page 352 page 352 PU <b>1</b>
	<b>Cover plate with toggle for rotary switch/spring-return push-button</b>	– plastic		
	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.	<b>Suitable for optional</b> Spacer gland Order no. <b>1001 20 89</b> <b>1001 20 45</b>	<b>Order no.</b> <b>1887</b>	<b>Page</b> <b>373</b> <b>373</b> PU <b>1</b> <b>1</b>
	<b>Cover plate with toggle for rotary switch/spring-return push-button</b>	– plastic		
	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.	<b>Suitable for optional</b> Spacer gland Order no. <b>1001 20 74</b> <b>1001 20 84</b>	<b>Order no.</b> <b>1887</b>	<b>Page</b> <b>373</b> <b>373</b> PU <b>1</b> <b>1</b>
	<b>Cover plate with toggle for rotary switch/spring-return push-button</b>	– plastic		
	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.	<b>Suitable for optional</b> Spacer gland Order no. <b>1001 20 14</b> <b>1001 20 04</b>	<b>Order no.</b> <b>1887</b>	<b>Page</b> <b>373</b> <b>373</b> PU <b>1</b> <b>1</b>



**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

**Berker Serie R.classic**

Design	Order no.	Page
Glass polar white	<b>1001 20 83</b>	1
Glass black	<b>1001 20 55</b>	1

**Suitable for optional**  
Spacer gland

**Order no.**  
1887  
**Page**  
373

**Rotary dimmers**



**Universal rotary dimmer with centre plate (R, L, C)**

**i 456**

- 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

- 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

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

Do not connect conventional transformers together with electronic transformers.

Design

**Berker Serie 1930/Glas**

Design	Order no.	Page
polar white glossy	<b>2834 10</b>	1
black glossy	<b>2834 11</b>	1

**Berker Serie R.classic**

Design	Order no.	Page
polar white glossy	<b>2834 20 89</b>	1
black glossy	<b>2834 20 45</b>	1



**Extension units insert for universal rotary dimmer**

**i 456**

- 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

Design

**Berker Serie 1930/Glas**

Design	Order no.	Page
polar white glossy	<b>2835 10</b>	1
black glossy	<b>2835 11</b>	1

**Berker Serie R.classic**

Design	Order no.	Page
polar white glossy	<b>2835 20 89</b>	1
black glossy	<b>2835 20 45</b>	1



## Berker.Net - Lighting control

- For Serie 1930, the conventional and KNX radio application modules by Berker.Net listed below can be combined exclusively with 1gang frames for Ø 58 mm centre plates, order no. 13820...

### Inserts

New



#### Relay insert

**i** 468

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Minimum contact load	≈ 15 W	- no conductive connection between supporting ring and spreading claws
230 V retrofit LED lamps	440 W	- also usable as push-button relay switch
Dimmable energy-saving lamps	440 W	- with screw terminals
230 V incandescent lamps and halogen lamps	2300 W	
Fluorescent lamps:		
- uncompensated	1100 VA	<b>Suitable for</b>
- parallel compensated	1000 W	Making current limiter
- in Duo circuit	1000 W	<b>Order no.</b>
- with electronic ballast (EB)	1000 W	185
Compact fluorescent lamps with electronic ballast	22 x 20 W	<b>Page</b>
Dimmable conventional transformers	1500 VA	59
Electronic transformers and dual-mode transformers	1500 W	
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 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
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.



Design	Order no.	PU
Relay insert	★ 8512 12 01	1

New



#### Switch insert 1gang

**i** 468

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- automatic setting to dimmable loads (autoDetect process)
Dimmable 230 V retrofit LED lamps	5 ... 70 W	- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
Dimmable energy-saving lamps	13 ... 80 W	- bulb-preserving soft startup
230 V incandescent lamps and halogen lamps	25 ... 400 W	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Dimmable conventional transformers	25 ... 400 VA	- no conductive connection between supporting ring and spreading claws
Electronic transformers and dual-mode transformers	25 ... 400 W	- short-circuit and overload proof (electronic fuse)
Number of substations	unlimited	- with screw terminals
Cable length, extensions	max. 50 m	
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
Insertion depth	32 mm	

**Only suitable for operation with dimmable loads!**

#### Caution!

Only connect **dimmable** 230 V ESL or retrofit-LED lamps.

Do not connect inductive and capacitive loads jointly.

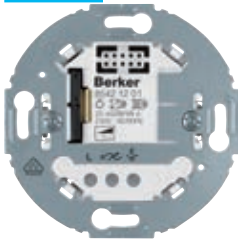
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Switch insert 1gang	★ 8512 11 01	1



New



**Universal touch dimmer 1gang**

**i 468**

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- automatic setting to dimmable loads (autoDetect process)
Dimmable 230 V retrofit LED lamps	5 ... 70 W	- phase cut-on or cut-off according to load type, self-learning
Dimmable energy-saving lamps	13 ... 80 W	- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
230 V incandescent lamps and halogen lamps	25 ... 400 W	- bulb-preserving soft startup
Dimmable conventional transformers	25 ... 400 VA	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Electronic transformers and dual-mode transformers	25 ... 400 W	- no conductive connection between supporting ring and spreading claws
Number of substations	unlimited	- short-circuit and overload proof (electronic fuse)
Cable length, extensions	max. 50 m	- with screw terminals
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
Insertion depth	32 mm	
Power consumption (standby)	< 0.3 W	

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	<b>* 8542 12 01</b>	1

**Buttons for switches/dimmers**



**Button 1gang**

**i 468**

Operating voltage	via insert	- low intrinsic energy requirement
Operating temperature	-5 ... +45 °C	- with 2-push-buttons operation concept
		- switch-on brightness level for use on dimmer insert, power failure proof, storable

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Inserts		page 356
<b>optional</b>		
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design	Order no.	PU
<b>Berker Serie 1930/R.classic</b>		
polar white glossy	<b>8514 11 39</b>	1
black glossy	<b>8514 11 31</b>	1



Serie 1930/Glas/R.classic  
Built-in elements

## Berker.Net - Motion detectors

- For Serie 1930, the conventional and KNX radio application modules by Berker.Net listed below can be combined exclusively with 1gang frames for Ø 58 mm centre plates, order no. 13820...

### Inserts

New



#### Relay insert

**i** 468

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Minimum contact load	≈ 15 W	- no conductive connection between supporting ring and spreading claws
230 V retrofit LED lamps	440 W	- also usable as push-button relay switch
Dimmable energy-saving lamps	440 W	- with screw terminals
230 V incandescent lamps and halogen lamps	2300 W	
Fluorescent lamps:		
- uncompensated	1100 VA	<b>Suitable for</b>
- parallel compensated	1000 W	Making current limiter
- in Duo circuit	1000 W	<b>Order no.</b>
- with electronic ballast (EB)	1000 W	185
Compact fluorescent lamps with electronic ballast	22 x 20 W	<b>Page</b>
Dimmable conventional transformers	1500 VA	59
Electronic transformers and dual-mode transformers	1500 W	
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 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
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.



Design	Order no.	PU
Relay insert	★ 8512 12 01	1

New



#### Switch insert 1gang

**i** 468

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- automatic setting to dimmable loads (autoDetect process)
Dimmable 230 V retrofit LED lamps	5 ... 70 W	- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
Dimmable energy-saving lamps	13 ... 80 W	- bulb-preserving soft startup
230 V incandescent lamps and halogen lamps	25 ... 400 W	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Dimmable conventional transformers	25 ... 400 VA	- no conductive connection between supporting ring and spreading claws
Electronic transformers and dual-mode transformers	25 ... 400 W	- short-circuit and overload proof (electronic fuse)
Number of substations	unlimited	- with screw terminals
Cable length, extensions	max. 50 m	
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
Insertion depth	32 mm	

**Only suitable for operation with dimmable loads!**

#### Caution!

Only connect **dimmable** 230 V ESL or retrofit-LED lamps.

Do not connect inductive and capacitive loads jointly.

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



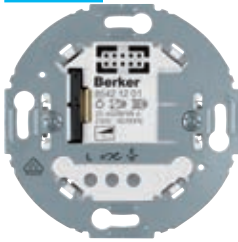
Design	Order no.	PU
Switch insert 1gang	★ 8512 11 01	1



New

**Universal touch dimmer 1gang**

**i 468**



Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- automatic setting to dimmable loads (autoDetect process)
Dimmable 230 V retrofit LED lamps	5 ... 70 W	- phase cut-on or cut-off according to load type, self-learning
Dimmable energy-saving lamps	13 ... 80 W	- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
230 V incandescent lamps and halogen lamps	25 ... 400 W	- bulb-preserving soft startup
Dimmable conventional transformers	25 ... 400 VA	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Electronic transformers and dual-mode transformers	25 ... 400 W	- no conductive connection between supporting ring and spreading claws
Number of substations	unlimited	- short-circuit and overload proof (electronic fuse)
Cable length, extensions	max. 50 m	- with screw terminals
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
Insertion depth	32 mm	
Power consumption (standby)	< 0.3 W	

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	<b>* 8542 12 01</b>	1

New

**Extension unit for motion detector**

**i 468**



Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- no conductive connection between supporting ring and spreading claws
Cable length, extensions	max. 50 m	- short-circuit and overload proof (electronic fuse)
Number of motion detector extension units	unlimited	- with screw terminals
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
Insertion depth	32 mm	



Design	Order no.	PU
Extension unit for motion detector	<b>* 8532 01 01</b>	1

**Motion detector covers**

**Motion detector 2.2 m**

**i 468**



Nominal mounting height	2.2 m	- low intrinsic energy requirement
Detection field, rectangular shaped	≈ 8 x 12 m	- with button for on/off/automatic
Range, frontal	≈ 8 m	- LED application module/insert compatibility display
Range, side	each ≈ 6 m	- with operation and status LED, red/green/orange
Delay time	≈ 180 s	- with memory function for presence simulation
Response sensitivity, settable	≈ 10 ... 100 %	- teach function for response brightness via button
Response brightness, adjustable ≈ 5 ... 1000 lx, ∞ lx (day)		- with keylock
Operating temperature	-5 ... +45 °C	- party function for switching on for 2 hours
Assembling height	34 mm	- μ-processor controlled mode of operation

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Inserts		page 358
<b>optional</b>		
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design	Order no.	PU
<b>Berker Serie 1930/R.classic</b>		
polar white glossy	<b>8534 21 39</b>	1
black glossy	<b>8534 21 31</b>	1





**Motion detector 1.1 m**

**i** 468

Nominal mounting height	1.1 m	- low intrinsic energy requirement
Detection field, rectangular shaped	≈ 12 x 16 m	- with button for on/off/automatic
Range, frontal	≈ 12 m	- LED application module/insert compatibility display
Range, side	each ≈ 8 m	- with operation and status LED, red/green/orange
Delay time	≈ 180 s	- with memory function for presence simulation
Response sensitivity, settable	≈ 10 ... 100 %	- teach function for response brightness via button
Response brightness, adjustable ≈ 5 ... 1000 lx, ∞ lx (day)		- with keylock
Operating temperature	-5 ... +45 °C	- party function for switching on for 2 hours
Assembling height	34 mm	- μ-processor controlled mode of operation

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

Suitable for	Order no.	Page
Inserts		page 358
<b>optional</b>		
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design	Order no.	PU
--------	-----------	----

**Berker Serie 1930/R.classic**

polar white glossy	<b>8534 11 39</b>	1
black glossy	<b>8534 11 31</b>	1



**IR motion detector comfort 2.2 m**

**i** 468

Nominal mounting height	2.2 m	- low intrinsic energy requirement
Detection field, rectangular shaped	≈ 8 x 12 m	- with button for on/off/automatic
Range, frontal	≈ 8 m	- LED application module/insert compatibility display
Range, side	each ≈ 6 m	- with operation and status LED, red/green/orange
Delay time, adjustable	≈ 10 s ... 30 min	- with memory function for presence simulation
Response sensitivity, settable	≈ 10 ... 100 %	- teach function for response brightness via button
Response brightness, adjustable ≈ 5 ... 1000 lx, ∞ lx (day)		- with keylock
Short time mode	200 ms	- party function for switching on for 2 hours
immunity time	≈ 10 s	- step operation with immunity time (e.g. for stair light/impact current circuits)
Operating temperature	-5 ... +45 °C	- μ-processor controlled mode of operation
Assembling height	34 mm	

Suitable for	Order no.	Page
Inserts		page 358
<b>optional</b>		
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design	Order no.	PU
--------	-----------	----

**Berker Serie 1930/R.classic**

polar white glossy	<b>8534 22 39</b>	1
black glossy	<b>8534 22 31</b>	1



**IR motion detector comfort 1.1 m**

**i** 468

Nominal mounting height	1.1 m	- low intrinsic energy requirement
Detection field, rectangular shaped	≈ 12 x 16 m	- with button for on/off/automatic
Range, frontal	≈ 12 m	- LED application module/insert compatibility display
Range, side	each ≈ 8 m	- with operation and status LED, red/green/orange
Delay time, adjustable	≈ 10 s ... 30 min	- with memory function for presence simulation
Response sensitivity, settable	≈ 10 ... 100 %	- teach function for response brightness via button
Response brightness, adjustable ≈ 5 ... 1000 lx, ∞ lx (day)		- with keylock
Short time mode	200 ms	- party function for switching on for 2 hours
immunity time	≈ 10 s	- step operation with immunity time (e.g. for stair light/impact current circuits)
Operating temperature	-5 ... +45 °C	- μ-processor controlled mode of operation
Assembling height	34 mm	

Suitable for	Order no.	Page
Inserts		page 358
<b>optional</b>		
Frame, 1gang, for centre plate Ø 58 mm		page 377

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

Design	Order no.	PU
--------	-----------	----

**Berker Serie 1930/R.classic**

polar white glossy	<b>8534 12 39</b>	1
black glossy	<b>8534 12 31</b>	1



## Blind switches/push-buttons

### Rotary switches for blinds



#### Rotary switch for blinds 1pole with centre plate

**i** 460

- rotary knobs

- with push lock function
- with neutral-position
- with screw terminals



Rated voltage

250 V~

**Suitable for optional**

**Order no.**

**Page**

Switching current

10 A

Interlock disk for rotary switch for blinds

page 361

Follow the motor manufacturers' instructions.

Design

Order no.

PU

#### **Berker Serie 1930/Glas**

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** 460

- rotary knobs

- with push lock function
- with neutral-position
- with screw terminals



Rated voltage

250 V~

**Suitable for optional**

**Order no.**

**Page**

Switching current

10 A

Interlock disk for rotary switch for blinds

page 361

Follow the motor manufacturers' instructions.

Design

Order no.

PU

#### **Berker Serie 1930/Glas**

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

3812 ..

361

2pole with centre plate

Rotary switch for blinds

3811 ..

361

1pole with centre plate

Design

Order no.

PU

#### **Berker Serie 1930/Glas**

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

## Berker.Net - Blind control

- For Serie 1930, the conventional and KNX radio application modules by Berker.Net listed below can be combined exclusively with 1gang frames for Ø 58 mm centre plates, order no. 13820...

New



### Blind insert comfort

**i** 468

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- for single, group and master controls
Switching current (ohmic/inductive)	max. 5 A	- with 230 V extension unit inputs for up and down
Switching current at $\cos \varphi = 0.6$	max. 3 A	- no conductive connection between supporting ring and spreading claws
Change-over time for change of direction	< 0.6 s	- with 2 mechanically and electrically mutually-locked relay contacts
Number of substations	unlimited	- circuiting of extension units push-buttons for blinds, blind inserts, key push-buttons for blinds
Cable length, extensions	max. 50 m	- with screw terminals
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
Housing installation depth	22 mm	
Claw guidance installation depth	32 mm	

Suitable for	Order no.	Page
<b>optional</b>		
Interface surface-mounted for wind sensor	173 ..	93
Precipitation sensor	183 01 ..	93



Design	Order no.	PU
Blind insert comfort	<b>* 8522 11 01</b>	1

## Blind covers



### Blind button

**i** 468

Delay time, adjustable	0 s ... 500 s	- low intrinsic energy requirement
Venetian blind movement time	2 min	- LED application module/insert compatibility display
Running time	max. 2 min	- with indicator LED for lock-out protection
Change-over time for change of direction	< 0.6 s	- with status LED for memory and party function, red/orange
Minimum slat adjustment time	≈ 250 ms	- memory function for automatic execution of learned up and down times with position
Operating temperature	-5 ... +45 °C	- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
		- with imprinted symbol arrows

Can be switched to orientation led by extension unit - this function will be available from Q3 2015.

Suitable for	Order no.	Page
Blind insert comfort	8522 11 01	362
<b>optional</b>		
Frame, 1gang, for centre plate Ø 58 mm		page 377



Design	Order no.	PU
<b>Berker Serie 1930/R.classic</b>		
polar white glossy	<b>8524 11 39</b>	1
black glossy	<b>8524 11 31</b>	1



**Blind time switch**

**i 468**

- display



Running time	2 min
Number of operation times for up/down	20
Change-over time for change of direction	< 0.6 s
Astronomic time shift	± 2 h
Random number generator	± 15 min
Power reserve	≈ 24 h
Minimum slat adjustment time	≈ 250 ms
Operating temperature	-5 ... +45 °C

- low intrinsic energy requirement
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- 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
- 2 independent preset programme memories, individually adaptable
- 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)

Can be switched to orientation led by extension unit - this function will be available from Q3 2015.

Control using device buttons and programmed switching times.

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Blind insert comfort	8522 11 01	362
<b>optional</b>		
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design

Order no.

PU

**Berker Serie 1930/R.classic**

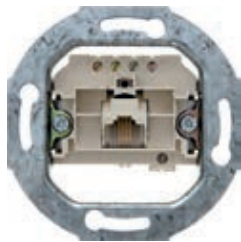
polar white glossy	<b>8574 11 39</b>	<b>1</b>
black glossy	<b>8574 11 31</b>	<b>1</b>



Serie 1930/Glas/R.classic  
Built-in elements

**Communication/multimedia technology**

**FCC socket outlets**



**FCC socket outlet, 8 (4)-pole, cat.3**

**i 462**

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 according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7  
Cat.3 according to DIN EN 50173

Design

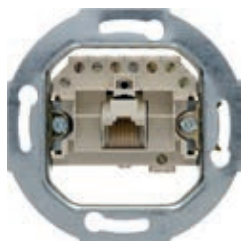
Order no.

PU

white

**4568**

10



**FCC socket outlet, 8-pole, cat.3**

**i 462**

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 according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7  
Cat.3 according to DIN EN 50173

Design

Order no.

PU

white

**4538**

10



New



**FCC socket outlet 8/8pole shielded, cat.6/class E**

**i** 462

Rated voltage	72 V=	- external eyelets on the supporting ring can be broken off for round designs
Rated current	0.5 A	- housing out of tin diecasting
Signal contact resistance	20 mΩ	- for RJ11, RJ12 and RJ45 plugs
Shield contact resistance	100 mΩ	- with screen contacting 360° and strain relief
Transmission bandwidth	max. 250 MHz	- with 45° oblique outlet
Operating temperature	-40 ... +70 °C	- flexible cable routing
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)	- without spreader claws
Insertion depth	31 mm	- suitable for PoE+
		- with LSA+ terminals

Design to according to DIN EN 60603-7-4  
Colour code A and B according to TIA/EIA-568-B.2  
Cat.6/class E according to ISO/IEC 11801, 2nd edition  
Cat.6/Class E according to DIN EN 50173-1:2011-09



Design	Order no.	PU
FCC socket outlet 8/8pole shielded, cat.6/class E	★ 4554 01	10



**FCC socket outlet 8pole shielded, cat.6A iso**

**i** 462

Rated voltage	72 V=	- external eyelets on the supporting ring can be broken off for round designs
Rated current	0.5 A	- housing out of tin diecasting
Signal contact resistance	20 mΩ	- for RJ11, RJ12 and RJ45 plugs
Shield contact resistance	100 mΩ	- with screen contacting 360° and strain relief
Transmission bandwidth	max. 500 MHz	- with 45° oblique outlet
Operating temperature	-40 ... +70 °C	- flexible cable routing
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)	- without spreader claws
Insertion depth	31 mm	- suitable for PoE+
		- with LSA+ terminals

Cat.6<sub>A</sub> iso\class E<sub>A</sub> according to ISO/IEC 11801 A2  
Protective screen according to DIN EN 55022, Class B  
Design to according to DIN EN 60603-7-51  
Colour code A and B according to TIA/EIA-568-B.2



Design	Order no.	PU
FCC socket outlet 8pole shielded, cat.6A iso	4586	10

New



**WLAN Access-Point UP**

Rated voltage	230 V~	- Operating modes in WLAN: Access-Point, Repeater/Bridge, Client (WDS), Client (relayed)
Frequency	50/60 Hz	- Ciphering method: WEP, WPA, WPA2
Power consumption (operation)	max. 3 W	- WLAN range can be configured for adaptation to spatial conditions
Transmission rate WLAN	max. 150 Mbit/s	- Configuration of the integrated web server via web browser
Transmission rate Ethernet	max. 10/100 Mbit/s	- with integral WLAN antenna
Frequency band	2.4 GHz	- with RJ45 jack on front
Operating temperature	-5 ... +45 °C	- LAN connection via 5pole screw terminal block
Insertion depth	≈ 40 mm	- with 2pole plug-in terminal for mains voltage

WLAN Standards IEEE 802.11 b/g/n

Design	Order no.	PU
WLAN Access-Point UP	★ 4582	1



New



**WLAN Access-Point flush-mounted, PoE**

Power over Ethernet (PoE)	48 V= (Klasse 0)	- Operating modes in WLAN: Access-Point, Repeater/Bridge, Client (WDS), Client (relayed)
Power output PoE	max. 6.49 W	- Ciphering method: WEP, WPA, WPA2
Power consumption PoE	max. 3 W	- WLAN range can be configured for adaptation to spatial conditions
Transmission rate WLAN	max. 150 Mbit/s	- Configuration of the integrated web server via web browser
Transmission rate Ethernet	max. 10/100 Mbit/s	- with integral WLAN antenna
Frequency band	2.4 GHz	- Power supply (PoE, class2) of further network devices possible via RJ45 jack on front
Operating temperature	-5 ... +45 °C	- LAN connection/PoE power supply via 9pole screw terminal block
Insertion depth	≈ 40 mm	
WLAN Standards IEEE 802.11 b/g/n		

**Manufacturer product line**  
**Reset magnet**  
Rutenbeck

Design	Order no.	PU
WLAN Access-Point flush-mounted, PoE	<b>* 4583</b>	1

Serie 1930/Glas/  
R.classic  
Built-in elements



**Centre plate for FCC socket outlet**

For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- for 1 gang socket outlet cat.3, cat.5e, cat.6 and cat.6<sub>A</sub> iso
- for WLAN access-points
- with 45° oblique outlet

Design	Order no.	PU
<b>Berker Serie 1930/Glas</b>		
polar white glossy	<b>1407</b>	10
black glossy	<b>1407 01</b>	10
<b>Berker Serie R.classic</b>		
polar white glossy	<b>1407 20 89</b>	10
black glossy	<b>1407 20 45</b>	10



**FCC socket outlet, 2 x 8 (4)-pole, cat.3**

Rated voltage	125 V=	- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
Rated current	1 A	- parallel contacted sockets
Transmission bandwidth	max. 16 MHz	- with 45° oblique outlet
Transition resistance	< 20 mΩ	- with screw terminals
Conductor Ø	max. 1 mm	
Insertion depth	22 mm	

Cat.3 according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7  
Cat.3 according to DIN EN 50173

**i** 462



Design	Order no.	PU
white	<b>4562</b>	10



**FCC connection socket outlet 2x8(4)pole, cat.3**

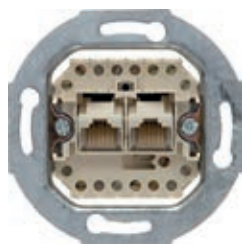
Rated voltage	125 V=	- as socket outlet for ISDN-So-Bus installations
Rated current	1 A	- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
Transmission bandwidth	max. 16 MHz	- parallel contacted sockets
Transition resistance	< 20 mΩ	- for telephone installations as single box
Resistor	100 Ω	- with 45° oblique outlet
Conductor Ø	max. 1 mm	- with screw terminals
Insertion depth	22 mm	

Cat.3 according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7  
Cat.3 according to DIN EN 50173

**i** 462



Design	Order no.	PU
white	<b># 4592</b>	10



**FCC socket outlet, 8 /8-pole, cat.3**

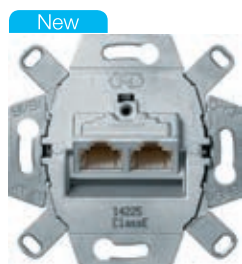
**i 462**

Rated voltage	125 V=	- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
Rated current	1 A	- with 45° oblique outlet
Transmission bandwidth	max. 16 MHz	- with screw terminals
Transition resistance	< 20 mΩ	
Conductor Ø	max. 1 mm	
Insertion depth	22 mm	

Cat.3 according to TIA/IAE-568-B.2  
Design to according to DIN EN 60603-7  
Cat.3 according to DIN EN 50173



Design	Order no.	PU
white	<b>4539</b>	10



New

**FCC socket outlet 8/8pole shielded, cat.6/class E**

**i 462**

Rated voltage	72 V=	- external eyelets on the supporting ring can be broken off for round designs
Rated current	0.5 A	- housing out of tin diecasting
Signal contact resistance	20 mΩ	- for RJ11, RJ12 and RJ45 plugs
Shield contact resistance	100 mΩ	- with screen contacting 360° and strain relief
Transmission bandwidth	max. 250 MHz	- with 45° oblique outlet
Operating temperature	-40 ... +70 °C	- flexible cable routing
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)	- without spreader claws
Insertion depth	31 mm	- suitable for PoE+
		- with LSA+ terminals

Design to according to DIN EN 60603-7-4  
Colour code A and B according to TIA/EIA-568-B.2  
Cat.6/class E according to ISO/IEC 11801, 2nd edition  
Cat.6/Class E according to DIN EN 50173-1:2011-09



Design	Order no.	PU
FCC socket outlet 8/8pole shielded, cat.6/class E	<b>* 4555 01</b>	10



**FCC socket outlet 8/8pole shielded, cat.6 iso**

**i 462**

Rated voltage	72 V=	- external eyelets on the supporting ring can be broken off for round designs
Rated current	0.5 A	- housing out of tin diecasting
Signal contact resistance	20 mΩ	- for RJ11, RJ12 and RJ45 plugs
Shield contact resistance	100 mΩ	- with screen contacting 360° and strain relief
Operating temperature	-40 ... +70 °C	- with 45° oblique outlet
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)	- flexible cable routing
Insertion depth	31 mm	- without spreader claws
		- suitable for PoE+
		- with LSA+ terminals

Cat.6<sub>A</sub> iso\class E<sub>A</sub> according to ISO/IEC 11801 A2  
Protective screen according to DIN EN 55022, Class B  
Design to according to DIN EN 60603-7-51  
Colour code A and B according to TIA/EIA-568-B.2



Design	Order no.	PU
FCC socket outlet 8/8pole shielded, cat.6 iso	<b>4587</b>	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, cat.6 and cat.6<sub>A</sub> iso
- with 45° oblique outlet

Design	Order no.	PU
<b>Berker Serie 1930/Glas</b>		
polar white glossy	<b>1409</b>	10
black glossy	<b>1409 01</b>	10
<b>Berker Serie R.classic</b>		
polar white glossy	<b>1409 20 89</b>	10
black glossy	<b>1409 20 45</b>	10





**Modular FCC socket outlet 8/8pole shielded, cat.6 iso**

**i 462**

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 (flex.) 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 strain relief
- with straight outlet
- without spreader claws
- suitable for PoE+
- with IDC terminals
- with optional dust protection hinged covers

Cat.6<sub>A</sub> iso\class E<sub>A</sub> according to ISO/IEC 11801 A2  
Protective screen according to DIN EN 55022, Class B  
Design to according to DIN EN 60603-7-51  
Colour code A and B according to TIA/EIA-568-B.2  
Cat.6<sub>A</sub> iso\class E<sub>A</sub> according to  
DIN EN 50173-1:2011-09



Design	Order no.	PU
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	<b>4588</b>	1



**Modular FCC socket outlet 8/8pole, cat.6A**

**i 462**

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	< 200 mΩ
Transmission bandwidth	max. 500 MHz
Operating temperature	-40 ... +70 °C
Insertion depth	35 mm
Copper conductor (solid) Ø	0.51 ... 0.64 mm
Copper conductor (flexible) Ø	0.4 ... 0.53 mm

- housing made of ABS
- only suitable for RJ45 plugs
- with straight outlet
- without spreader claws
- suitable for PoE+
- with IDC terminals
- with optional dust protection hinged covers

Colour code A and B according to TIA/EIA-568-B.2



Design	Order no.	PU
Modular FCC socket outlet 8/8pole, cat.6A	<b>4584</b>	1



**Centre plate with TAE cut-out**

- push-out



For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- also for TDO socket outlet
- also for KNX applications: USB data interface, flush-mounted

Suitable for	Order no.	Page
Loudspeaker connection box	4572 ..	121
Stereo loudspeaker connection box	4573 ..	122
Modular FCC socket outlet 8/8pole, cat.6A	4584	103
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	103

Design	Order no.	PU
<b>Berker Serie 1930/Glas</b>		
polar white glossy, with 2 knock out openings	<b>1040</b>	10
black glossy, with 2 knock out openings	<b>1040 01</b>	10



**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
Loudspeaker connection box	4572 ..	121
Stereo loudspeaker connection box	4573 ..	122
Modular FCC socket outlet 8/8pole, cat.6A	4584	103
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	103
230 V USB charging socket	2600 20 ..	371

Design	Order no.	PU
<b>Berker Serie R.classic</b>		
polar white glossy	<b>1038 20 89</b>	10
black glossy	<b>1038 20 45</b>	10

**Aerial sockets**

New



**Aerial socket 2hole single box**

**i 463**

- |  |                |   |
|--|----------------|---|
| Broadband technology                               | 5 ... 2400 MHz | - suitable for HDTV   |
| Wave impedance                                     | 75 Ω           | - in star structure or decoupled spur lines                                   |
| For coaxial cables                                 | 75 Ω           | - direct voltage conducting (IN / IEC jack female)                            |
| Operating temperature                              | -25 ... +55 °C | - for digital and analogue transmission                                       |
|  |                | - for terrestrial reception   |
| EN 50083-2 and EN 60728-4                          |                | - for community, DVB-T and broadband cable systems                            |
| Protective screen according to EN 50083-2, Class A |                | - for single and distributor SAT systems                                      |
|  |                | - external eyelets on the supporting ring can be broken off for round designs |
|  |                | - with plug-in terminals  |



Design	Order no.	PU
Aerial socket 2hole single box	<b>* 4502 10</b>	10

New



**Aerial socket 2hole throughpass socket**

**i 463**

- |                        |                |   |
|------------------------|----------------|---|
| Broadband technology   | 5 ... 2400 MHz | - suitable for HDTV   |
| Wave impedance         | 75 Ω           | - in tree structure and trunk lines   |
| For coaxial cables     | 75 Ω           | - for digital and analogue transmission                                       |
| Operating temperature  | -25 ... +55 °C | - for terrestrial reception   |
| - at 5 ... 862 MHz     | 4 dB           | - for community, DVB-T and broadband cable systems                            |
| - at 950 ... 2150 MHz  | 4 dB           | - for SAT house distributors  |
| - at 2150 ... 2400 MHz | 7 dB           | - external eyelets on the supporting ring can be broken off for round designs |
|                        |                | - with plug-in terminals  |

EN 50083-2 and EN 60728-4		
Protective screen according to EN 50083-2, Class A	<b>Suitable for Terminating resistor</b>	<b>Order no. 4503</b>
		<b>Page 113</b>

Design	Order no.	PU
10 dB	<b>* 4515 10</b>	10
15 dB	<b>* 4515 15</b>	10
20 dB	<b>* 4515 20</b>	10



**Centre plate for aerial socket 2hole**

For aerial socket according to DIN 45330

Design	Order no.	PU
<b>Berker Serie 1930/Glas</b>		
polar white glossy	<b>1039 20</b>	10
black glossy	<b>1039 21</b>	10

New



**Aerial socket 3hole single box**

**i 463**

- |  |                |   |
|--|----------------|---|
| Broadband technology                               | 5 ... 2400 MHz | - suitable for HDTV   |
| Wave impedance                                     | 75 Ω           | - in star structure or decoupled spur lines                                   |
| For coaxial cables                                 | 75 Ω           | - DC voltage conducting   |
| Operating temperature                              | -25 ... +55 °C | - for digital and analogue transmission                                       |
|  |                | - for terrestrial reception   |
| EN 50083-2 and EN 60728-4                          |                | - remote supply via F-socket  |
| Protective screen according to EN 50083-2, Class A |                | - for community, DVB-T and broadband cable systems                            |
|  |                | - for single and distributor SAT systems                                      |
|  |                | - external eyelets on the supporting ring can be broken off for round designs |
|  |                | - with plug-in terminals  |



Design	Order no.	PU
Aerial socket 3hole single box	<b>* 4522 10</b>	10



**Terminating resistor**

Broadband technology  
For coaxial cables  
Resistor

0.15 ... 2400 MHz  
75 Ω  
75 Ω

- DC voltage conducting
- for use in last through-box
- for non-reflective termination of a trunk cable

**i** 463

Design	Order no.	PU
Terminating resistor	<b>4503</b>	1



**Centre plate for aerial socket 3hole**

Design

**Berker Serie 1930/Glas**

polar white glossy

black glossy

Order no.

**1064 20**

**1064 21**

PU

10

10



**Centre plate for aerial socket 2-/3hole**

For aerial socket according to DIN 45330

- with knock out SAT input

Design

**Berker Serie R.classic**

polar white glossy

black glossy

Order no.

**1203 20 89**

**1203 20 45**

PU

10

10

New



**Aerial socket 4hole single box**

Broadband technology  
Wave impedance  
For coaxial cables  
Operating temperature

5 ... 2400 MHz  
75 Ω  
75 Ω  
-25 ... +55 °C

- suitable for HDTV
- in star structure or decoupled spur lines
- DC voltage conducting
- with 2 independent SAT outputs (F-sleeves) and 2 IEC outputs (male/female)
- for digital and analogue 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

**i** 463

Design

Aerial socket 4hole single box

Order no.

**\* 4594 10**

PU

10



**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

**Berker Serie 1930/R.classic**

polar white glossy

black glossy

Order no.

**1484 20 89**

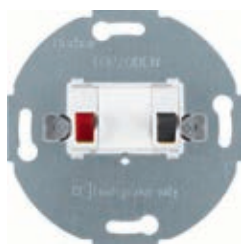
**1484 20 45**

PU

10

10

**Audio socket outlets**



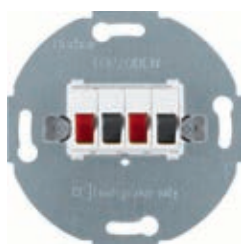
**Loudspeaker connection box**

Rated voltage 60 V=  
Conductor cross-section max. 10 mm<sup>2</sup> – with plug-in terminals (on backside with screw terminals)

**i** 467



Design	Order no.	PU
polar white matt	<b>4572 09</b>	10
anthracite matt	<b>4572 05</b>	10



**Stereo loudspeaker connection box**

Rated voltage 60 V=  
Conductor cross-section max. 10 mm<sup>2</sup> – with plug-in terminals (on backside with screw terminals)

**i** 467



Design	Order no.	PU
polar white matt	<b>4573 09</b>	10
anthracite matt	<b>4573 05</b>	10



**Centre plate with TAE cut-out**

- push-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
Loudspeaker connection box	4572 0 ..	121
Stereo loudspeaker connection box	4573 0 ..	122
Modular FCC socket outlet 8/8pole, cat.6A	4584	103
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	103

Design	Order no.	PU
<b>Berker Serie 1930/Glas</b>		
polar white glossy, with 2 knock out openings	<b>1040</b>	10
black glossy, with 2 knock out openings	<b>1040 01</b>	10



**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
Loudspeaker connection box	4572 ..	121
Stereo loudspeaker connection box	4573 ..	122
Modular FCC socket outlet 8/8pole, cat.6A	4584	103
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	103
230 V USB charging socket	2600 20 ..	371

Design	Order no.	PU
<b>Berker Serie R.classic</b>		
polar white glossy	<b>1038 20 89</b>	10
black glossy	<b>1038 20 45</b>	10

## USB Charging socket outlets

- For Serie 1930, the conventional and KNX radio application modules by Berker.Net listed below can be combined exclusively with 1gang frames for Ø 58 mm centre plates, order no. 13820...



### 230 V USB charging socket

- 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
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>
Insertion depth	32 mm

- for charging mobile end devices like tablets, smart phones, navigation devices and digital cameras via USB cable
- with centre plate Ø 58 mm
- with 2 USB sockets type A
- short-circuit and overload proof (electronic fuse)
- with screw terminals (double for wiring through)

Suitable for optional replacement	Order no.	Page
Frame, 1gang, for centre plate Ø 58 mm		page 377
Centre plate with TAE cut-out		page 370

No data transmission possible!  
USB connections according to DIN EN 50558

Design	Order no.	PU
<b>Berker Serie 1930/R.classic</b>		
polar white glossy	<b>2600 20 89</b>	1
black glossy	<b>2600 20 45</b>	1



## Pilot lamps



### Push-button/pilot lamp E10, NO contact, with centre plate

**i** 452

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	53
LED lamp E10	1678 ..	53

Design	Order no.	PU
<b>Berker Serie 1930/Glas</b>		
polar white glossy	<b>5104</b>	1
black glossy	<b>5104 01</b>	1



### Knob for push-button/pilot lamp E10

Suitable for	Order no.	Page
Push-button/pilot lamp E10, NO contact, with centre plate	5104 ..	371

Design	Order no.	PU
polar white glossy	<b>1225</b>	10
black glossy	<b>1225 01</b>	10
polar white glossy <sup>1)</sup>	<b>1226</b>	10
polar white glossy <sup>2)</sup>	<b>1227</b>	10
red, transparent	<b>1229</b>	10
clear, transparent	<b>1229 02</b>	10

<sup>1)</sup> with imprinted symbol for light  
<sup>2)</sup> 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 ..	371

Design	Order no.	PU
clear, transparent	<b>1221</b>	10
red, transparent	<b>1222</b>	10

## Hotel applications

- For Serie 1930, the conventional and KNX radio application modules by Berker.Net listed below can be combined exclusively with 1gang frames for Ø 58 mm centre plates, order no. 13820...

New



### Relay switch with centre plate for hotel card

**i** 458

Rated voltage	230 V~ +10/-15 %	- for illumination
Frequency	50/60 Hz	- illuminated with blue LED if hotel card is not inserted
Power consumption	< 0.2 W	- with centre plate Ø 58 mm
230 V incandescent lamps and halogen lamps	1500 W	- with screw-in lift terminals
Electronic transformers	1500 W	- with potentiometer for incremental adjustment of delay time
Operating temperature	-5 ... +50 °C	- with potential-free contact
Insertion depth	32 mm	
Switching current	10 A /230 V AC1	
Inductive load at cos φ = 0.6	max. 6 A	
Screw terminals (max.)	2 x 2.5 mm <sup>2</sup>	
- in Duo circuit	1500 W	
Fluorescent lamps:		
Card thickness	0.8 ... 1.2 mm	
Card width	max. 55 mm	
Conventional transformers	1500 VA	
Compact fluorescent lamps	500 W	

Neutral conductor necessary!

Design	Order no.	Page
<b>Berker Serie 1930/R.classic</b>		
black glossy	★ 1640 20 79	1
polar white glossy	★ 1640 20 35	1

## 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
<b>Berker Serie 1930/Glas</b>		
polar white glossy	1009 20	20
black glossy	1009 21	20
<b>Berker Serie R.classic</b>		
polar white glossy	1009 20 79	20
black glossy	1009 20 35	20



### Blind plug with centre plate, base and spreader claws

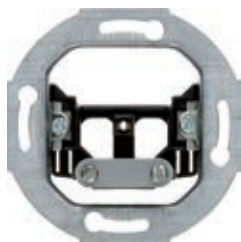
- with supporting plate
- centre plate for plug-in fixing
- with spreader claws

Design	Order no.	PU
<b>Berker Serie 1930/Glas</b>		
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 ..	117



Design	Order no.	PU
Cable outlet with low installation depth	<b>4468</b>	10



**Centre plate for cable outlet**

Suitable for	Order no.	Page
Cable outlet with low installation depth		page 373

Design	Order no.	PU
<b>Berker Serie 1930/Glas</b>		
polar white glossy	<b>1037</b>	10
black glossy	<b>1037 01</b>	10
<b>Berker Serie R.classic</b>		
polar white glossy	<b>1019 20 89</b>	10
black glossy	<b>1019 20 45</b>	10

**Mounting accessories**



**Spacer gland**

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 cover plates with toggle of Serie R.classic.

- for the new flush-mounted box generation from Kaiser

Suitable for	Order no.	Page
Cover plate with toggle for rotary switch/spring-return push-button	1001 20 ..	354
Glass cover plate for rotary switch/spring-return push-button	1090	353
Frame, 1gang, for centre plate Ø 58 mm	1382 0 ..	377
Glass frame 1gang	1091	382
Frame 1gang	1381 0 ..	376
Frame 1gang	1381 6 ..	376

Design	Order no.	PU
<b>Berker Serie 1930/Glas/R.classic</b>		
red	<b>1887</b>	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

*Rosen*



**DESIGN PLUS**

## Frames / Cover plates

Plastic, glossy  
polar white      similar to RAL 9010  
black              similar to RAL 8022

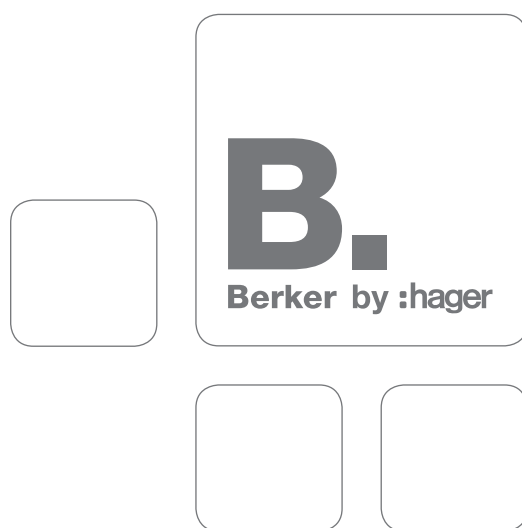
Porcelain, glossy  
polar white      similar to RAL 9010  
black              similar to RAL 8022

## Central inserts

Plastic, glossy  
Polar white      similar to RAL 9010  
Black              similar to RAL 8022



Porcelain frames	376
Frames	376
Surface-mounted frames	377
Supplementary products	377



## Porcelain frames



### Frame 1gang

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.

- for single mounting
- of porcelain

**i** 481

Design	Order no.	Page
Porcelain, polar white glossy	<b>1381 69</b>	1
Porcelain, black glossy	<b>1381 65</b>	1

Suitable for optional Spacer gland	Order no.	Page
	1887	373

## 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).

- for single mounting

**i** 481

Design	Order no.	Page
polar white glossy	<b>1381 09</b>	10
black glossy, 1gang	<b>1381 01</b>	10

Suitable for optional Spacer gland	Order no.	Page
	1887	373



### Centre frame

Combinations are only to be installed in simple combi boxes.

- for combination mounting

**i** 481

Design	Order no.	Page
polar white glossy	<b>1381 59</b>	10
black glossy	<b>1381 51</b>	10



### End frame

Combinations are only to be installed in simple combi boxes.

- for combination mounting

**i** 481

Design	Order no.	Page
polar white glossy	<b>1381 49</b>	10
black glossy	<b>1381 41</b>	10



### Frame 2gang

- for vertical and horizontal mounting

**i** 481

Design	Order no.	Page
polar white glossy	<b>1381 29</b>	2
black glossy	<b>1381 21</b>	2



### Frame 3gang

- for vertical and horizontal mounting

**i** 481

Design	Order no.	Page
polar white glossy	<b>1381 39</b>	2
black glossy	<b>1381 31</b>	2

New

**Frame, 1gang, for centre plate Ø 58 mm**



- for vertical and horizontal mounting
- for centre plate with Ø 58 mm cut-out

Design	Suitable for	Order no.	Page
	Berker.Net - Lighting control		page 356
	Berker.Net - Motion detectors		page 358
	Berker.Net - Blind control		page 362
	Hotel applications		page 372
	USB Charging socket outlets		page 371
	<b>optional</b>		
	Spacer gland	1887	373
	<b>Order no.</b>		<b>PU</b>
polar white glossy, 1gang	* <b>1382 09</b>		10
black glossy, 1gang	* <b>1382 01</b>		10

**Surface-mounted frames**

**Frame 1gang surface-mounted**



Insertion depth 33.5 mm - with cable and duct entry

Design	Suitable for optional	Order no.	Page
	Supplementary products		page 377
	<b>Order no.</b>		<b>PU</b>
polar white glossy	<b>1001 09</b>		10
black glossy	<b>1001 01</b>		10

**Base plate 1gang, self-extinguishing**



- with imprint
- for mounting on combustible base surface

Design	Suitable for	Order no.	Page
	Frame 1gang surface-mounted	1001 0 ..	377
	<b>Order no.</b>		<b>PU</b>
polar white	<b>1331 19</b>		10
black	<b>1331 11</b>		10

**Supplementary products**

**Connector for multiple combinations surface-mounted**



Also suitable for units of the surface-mounted programme.

- to combine surface-mounted devices

Design	Suitable for	Order no.	Page
	Frame 1gang surface-mounted	1001 0 ..	377
	<b>Order no.</b>		<b>PU</b>
polar white	<b>1823 09</b>		10
black	<b>1823 05</b>		10

**Wire and duct entry**



Also suitable for surface-mounted frames and housings from the flush-mounted programmes.

- for wire or 15 x 15 mm cable duct

Design	Suitable for	Order no.	Page
	Frame 1gang surface-mounted	1001 0 ..	377
	<b>Order no.</b>		<b>PU</b>
polar white	<b>1813 09</b>		10
black	<b>1813 05</b>		10





# Serie Glas

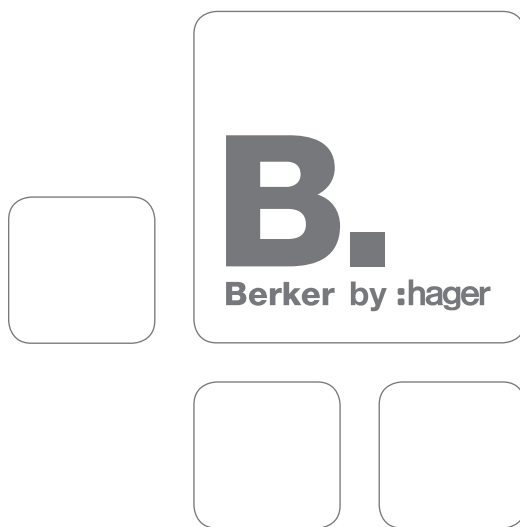
Simplicity. Attractive shape. Design elegance, produced by the function: all these qualities can be found at their zenith in the Berker Serie Glas, inspired by the styles of the Bauhaus.

- 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



**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).

Special variant for hollow-wall mounting available on request.

Design  
clear glossy

- toughened glass
- for single mounting
- with polar white plastic base

Suitable for optional  
Spacer gland

Order no.  
**1091**

Order no.  
1887

**i 481**

Page  
373  
PU  
10



**Glass centre frame**

Combinations are only to be installed in simple combi boxes.

Special variant for hollow-wall mounting available on request.

Design  
clear glossy

- toughened glass
- for combination mounting
- with polar white plastic base

Order no.  
**1093 00**

**i 481**

PU  
10



**Glass end frame**

Combinations are only to be installed in simple combi boxes.

Special variant for hollow-wall mounting available on request.

Design  
clear glossy

- toughened glass
- for combination mounting
- with polar white plastic base

Order no.  
**1092 00**

**i 481**

PU  
10



**Glass frame 2gang**

Special variant for hollow-wall mounting available on request.

Design  
clear glossy

- toughened glass
- for vertical and horizontal mounting
- with polar white plastic base

Order no.  
**1102**

**i 481**

PU  
2





# 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

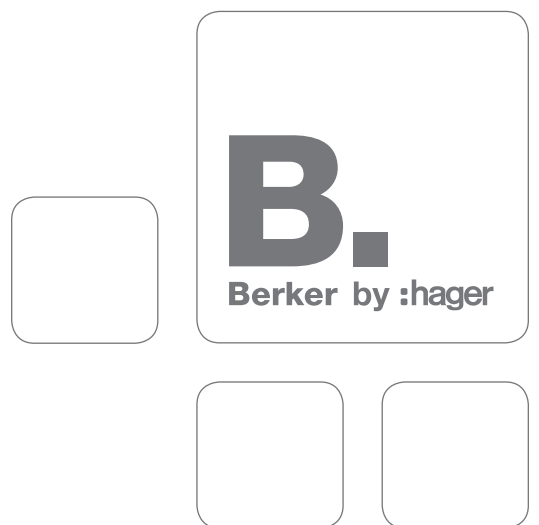


## Frames

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



**Frames**

	<b>Frame</b>		<b>i</b>	<b>481</b>
			- for vertical and horizontal mounting	
	Design	Order no.	PU	
	polar white glossy, 1gang	<b>1011 20 89</b>	10	
	polar white glossy, 2gang	<b>1012 20 89</b>	2	
	polar white glossy, 3gang	<b>1013 20 89</b>	2	
	<b>Frame</b>		<b>i</b>	<b>481</b>
			- for vertical and horizontal mounting	
	Design	Order no.	PU	
	black glossy, 1gang	<b>1011 20 45</b>	10	
	black glossy, 2gang	<b>1012 20 45</b>	2	
	black glossy, 3gang	<b>1013 20 45</b>	2	
	<b>Frame</b>		<b>i</b>	<b>481</b>
			- for vertical and horizontal mounting	
	Design	Order no.	PU	
	Aluminium/polar white, luminium anodised, 1gang	<b>1011 20 74</b>	10	
	Aluminium/polar white, luminium anodised, 2gang	<b>1012 20 74</b>	10	
	Aluminium/polar white, luminium anodised, 3gang	<b>1013 20 74</b>	10	
	<b>Frame</b>		<b>i</b>	<b>481</b>
			- for vertical and horizontal mounting	
	Design	Order no.	PU	
	Aluminium/black, aluminium anodised, 1gang	<b>1011 20 84</b>	10	
	Aluminium/black, aluminium anodised, 2gang	<b>1012 20 84</b>	10	
	Aluminium/black, aluminium anodised, 3gang	<b>1013 20 84</b>	10	
	<b>Frame</b>		<b>i</b>	<b>481</b>
			- for vertical and horizontal mounting	
	Design	Order no.	PU	
	Stainless steel/polar white, metal matt finish, 1gang	<b>1011 20 14</b>	10	
	Stainless steel/polar white, metal matt finish, 2gang	<b>1012 20 14</b>	10	
	Stainless steel/polar white, metal matt finish, 3gang	<b>1013 20 14</b>	10	
	<b>Frame</b>		<b>i</b>	<b>481</b>
			- for vertical and horizontal mounting	
	Design	Order no.	PU	
	Stainless steel/black, metal matt finish, 1gang	<b>1011 20 04</b>	10	
	Stainless steel/black, metal matt finish, 2gang	<b>1012 20 04</b>	10	
	Stainless steel/black, metal matt finish, 3gang	<b>1013 20 04</b>	10	



**Frame**

– for vertical and horizontal mounting

**i** 481

Design	Order no.	PU
Glass polar white, 1gang	<b>1011 20 09</b>	10
Glass polar white, 2gang	<b>1012 20 09</b>	5
Glass polar white, 3gang	<b>1013 20 09</b>	5



**Frame**

– for vertical and horizontal mounting

**i** 481

Design	Order no.	PU
Glass black, 1gang	<b>1011 20 16</b>	10
Glass black, 2gang	<b>1012 20 16</b>	5
Glass black, 3gang	<b>1013 20 16</b>	5

# 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 boat 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  
polar white  
black

similar to RAL 7038  
similar to RAL 9010  
similar to RAL 9005

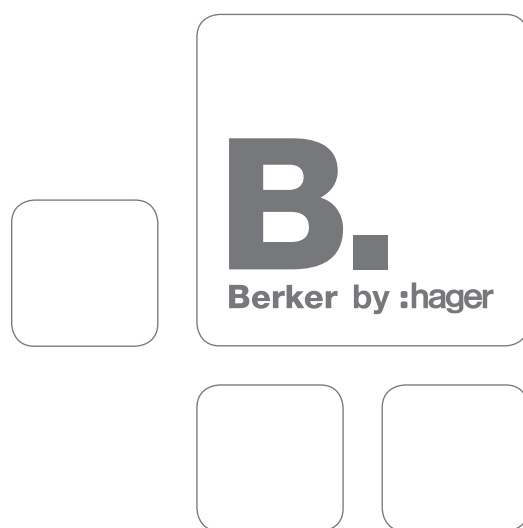
Plastic, lacquered  
chrome matt  
stainless steel

similar to RAL 9006  
similar to RAL 9022

Plastic, matt  
brown  
anthracite

similar to RAL 8017  
similar to RAL 7021

Schuko socket outlets	390
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USB charging sockets	404
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Frames	405
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**SCHUKO socket outlets**

- For 4-hole screw fitting
- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals 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").

		<b>SCHUKO socket outlet</b>		<b>i</b>	<b>482</b>
		- screw terminals			
		Rated voltage	250 V~		
		Rated current	16 A		
		Design	Order no.		PU
		brown matt	<b>9 4185 25 01</b>		10
		anthracite matt	<b>9 4185 25 05</b>		10
		grey matt	<b>9 4185 25 06</b>		10
		polar white matt	<b>9 4185 25 02</b>		10
		black matt	<b>9 4185 05</b>		10

		<b>SCHUKO socket outlet</b>		<b>i</b>	<b>482</b>
		- enhanced contact protection			
		- screw terminals			
		Rated voltage	250 V~		
		Rated current	16 A		
		Enhanced contact protection (child protection) according to IEC 60884-1			
		Design	Order no.		PU
		brown matt	<b>9 4195 25 01</b>		10
		anthracite matt	<b>9 4195 25 05</b>		10
		grey matt	<b>9 4195 25 06</b>		10
		polar white matt	<b>9 4195 25 02</b>		10
		black matt	<b>9 4195 05</b>		10

		<b>SCHUKO socket outlet</b>		<b>i</b>	<b>482</b>
		Rated voltage	250 V~		
		Rated current	16 A		
		Earth bracket clamping forces according to TNO requirements.			
		Standard NEN 1010			
		Design	Order no.		PU
		brown matt	<b>9 4778 25 01</b>		10
		anthracite matt	<b>9 4778 25 05</b>		10
		grey matt	<b>9 4778 25 06</b>		10
		polar white matt	<b>9 4778 25 02</b>		10
		black matt	<b>9 4778 25 03</b>		10





**SCHUKO socket outlet**

- enhanced contact protection



Rated voltage  
Rated current

250 V~  
16 A

Earth bracket clamping forces according to TNO requirements.

Standard NEN 1010

Enhanced contact protection (child protection) according to IEC 60884-1

- with plug-in terminals

**Suitable for**

- Contact protection box Ø 45 mm
- Contact protection box Ø 49 mm
- Contact protection box 2gang
- Contact protection box 3gang
- Frame with hinged cover and imprint "IP44"
- Sealing for IP 44 applications

**Order no.**

- 918 20
- 918 8 ..
- 9 191 ..
- 919 33
- 9 1828 ..
- 918 53

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- 410

Design	Order no.	PU
brown matt	<b>9 4779 25 01</b>	10
anthracite matt	<b>9 4779 25 05</b>	10
grey matt	<b>9 4779 25 06</b>	10
polar white matt	<b>9 4779 25 02</b>	10
black matt	<b>9 4779 25 03</b>	10



**SCHUKO socket outlet 45°**

- screw terminals



Rated voltage  
Rated current

250 V~  
16 A

Design

- brown matt
- anthracite matt
- grey matt
- polar white matt
- black matt

- for diagonal installation

**Suitable for**

- Contact protection box Ø 49 mm
- Contact protection box 2gang
- Contact protection box 3gang
- Contact protection box Ø 58 mm for terminal attachment
- Frame with hinged cover and imprint "IP44"
- Sealing for IP 44 applications

**Order no.**

- 918 8 ..
- 9 191 ..
- 919 33
- 818 37
- 9 1828 ..
- 918 53

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Design	Order no.	PU
brown matt	<b>8 4185 25 21</b>	200
anthracite matt	<b>8 4185 25 25</b>	200
grey matt	<b>8 4185 25 26</b>	200
polar white matt	<b>8 4185 25 22</b>	200
black matt	<b>8 4185 25</b>	200



**International socket outlet systems**  
**Socket outlets without earthing contact**

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1



**Socket outlet without earth contact NETHERLANDS**

- screw terminals



Rated voltage  
Rated current  
Mirror depth

250 V~  
16 A  
14.5 mm

- 2pole

**Suitable for**

- Contact protection box Ø 45 mm
- Contact protection box Ø 49 mm
- Contact protection box 2gang
- Contact protection box 3gang

**Order no.**

- 918 20
- 918 8 ..
- 9 191 ..
- 919 33

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Design	Order no.	PU
brown matt	<b>9 6184 25 01</b>	10
anthracite matt	<b>9 6184 25 05</b>	10
grey matt	<b>9 6184 25 06</b>	10
polar white matt	<b>9 6184 25 02</b>	10
black matt	<b>9 6184 05</b>	10





**Socket outlet without earth contact NETHERLANDS**

**i 482**

- enhanced contact protection
- screw terminals

- 2pole



**Suitable for**

- Contact protection box Ø 45 mm
- Contact protection box Ø 49 mm
- Contact protection box 2gang
- Contact protection box 3gang

**Order no.**

- 918 20
- 918 8 ..
- 9 191 ..
- 919 33

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Rated voltage 250 V~  
Rated current 16 A  
Mirror depth 14.5 mm

Design	Order no.	PU
brown matt	<b>9 6194 25 01</b>	10
anthracite matt	<b>9 6194 25 05</b>	10
grey matt	<b>9 6194 25 06</b>	10
polar white matt	<b>9 6194 25 02</b>	10
black matt	<b>9 6194 05</b>	10



**Euro-American Standard socket outlets**



**Socket outlet without earth contact EURO-AMERICAN STANDARD**

**i 482**

- enhanced contact protection
- screw terminals

- 2pole



**Suitable for**

- Contact protection box Ø 45 mm
- Contact protection box Ø 49 mm
- Contact protection box 2gang
- Contact protection box 3gang

**Order no.**

- 918 20
- 918 8 ..
- 9 191 ..
- 919 33

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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	<b>9 6257 25 01</b>	10
anthracite matt	<b>9 6257 25 05</b>	10
grey matt	<b>9 6257 25 06</b>	10
polar white matt	<b>9 6257 25 02</b>	10
black matt	<b>9 6257 25 03</b>	10



**Socket outlets with earthing pin**

- 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 appropriate sealing and frame with hinged cover (imprint "IP44").



**Socket outlet with earthing pin FRANCE/BELGIUM**

**i 482**

- enhanced contact protection
- screw terminals

- 2pole + earth



**Suitable for**

- Contact protection box Ø 45 mm
- Contact protection box Ø 49 mm
- Contact protection box 2gang
- Contact protection box 3gang
- Frame with hinged cover and imprint "IP44"
- Sealing for IP 44 applications

**Order no.**

- 918 20
- 918 8 ..
- 9 191 ..
- 919 33
- 9 1828 ..
- 918 53

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- 410

Rated voltage 250 V~  
Rated current 16 A

Design	Order no.	PU
brown matt	<b>9 6195 25 01</b>	10
anthracite matt	<b>9 6195 25 05</b>	10
grey matt	<b>9 6195 25 06</b>	10
polar white matt	<b>9 6195 25 02</b>	10
black matt	<b>9 6195 05</b>	10



**NEMA-socket outlets**



**Socket outlet with earthing contact USA/CANADA  
NEMA 5-15 R**

**i 482**

- screw terminals

- 2pole + earth



Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	408
Contact protection box Ø 49 mm	918 8 ..	408
Contact protection box 2gang	9 191 ..	409
Contact protection box 3gang	919 33	409

Rated voltage 125 V~  
Rated current 15 A

Connecting terminals only suitable for wiring with massive conductors.  
Standard NEMA 5-15 R



Design	Order no.	PU
polar white matt, insert white	<b>8 6263 25 02</b>	200



**Socket outlet with earthing contact USA/CANADA  
NEMA 6-20 R**

**i 482**

- screw terminals

- 2pole + earth



Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	408
Contact protection box Ø 49 mm	918 8 ..	408
Contact protection box 2gang	9 191 ..	409
Contact protection box 3gang	919 33	409

Rated voltage 250 V~  
Rated current 20 A

Connecting terminals only suitable for wiring with massive conductors.  
Standard NEMA 6-20 R



Design	Order no.	PU
brown matt, insert, brown	<b>8 6254 25 01</b>	200
anthracite matt, insert, brown	<b>8 6254 25 05</b>	200
grey glossy, insert white	<b>8 6254 25 07</b>	200
polar white glossy, insert white	<b>8 6254 25 09</b>	200
black glossy, insert, brown	<b>8 6254 25 10</b>	200

Integro Flow

**Australian socket outlets**



**Socket outlet with earthing contact AUSTRALIA 15 A**

**i 482**

- screw terminals

- 2pole + earth



- contact screws, cross-head, size PH2

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	408
Contact protection box Ø 49 mm	918 8 ..	408
Contact protection box 2gang	9 191 ..	409
Contact protection box 3gang	919 33	409

Rated voltage 250 V~  
Rated current 15 A

Connecting terminals only suitable for wiring with massive conductors.  
Standard AUSTRALIA 15 A



Design	Order no.	PU
brown matt, insert black	<b>9 6256 25 01</b>	10
anthracite matt, insert black	<b>9 6256 25 05</b>	10
grey matt, insert black	<b>9 6256 25 06</b>	10
polar white matt, insert white	<b>9 6256 25 02</b>	10
black matt, insert black	<b>9 6256 05</b>	10

**Danish socket outlets**



**Socket outlet with earth contact DENMARK**

**i 482**

- enhanced contact protection
- screw terminals

- 2pole + earth



**Suitable for**  
Contact protection box Ø 45 mm  
Contact protection box Ø 49 mm  
Contact protection box 2gang  
Contact protection box 3gang

Order no.	Page
918 20	408
918 8 ..	408
9 191 ..	409
919 33	409

Rated voltage 250 V~  
Rated current 13 A

Standard DK/SR 107-2-D1

Design	Order no.	PU
brown matt	<b>9 6272 25 01</b>	10
anthracite matt	<b>9 6272 25 05</b>	10
grey matt	<b>9 6272 25 06</b>	10
polar white matt	<b>9 6272 25 02</b>	10
black matt	<b>9 6272 05</b>	10



**Italian socket outlets**

New



**Socket outlet with earthing contact ITALY**

**i 482**

- enhanced contact protection
- screw terminals

- 2pole + earth  
- with screw terminals



**Suitable for**  
Contact protection box Ø 49 mm  
Contact protection box Ø 49 mm, deep  
Contact protection box 2gang  
Contact protection box 3gang

Order no.	Page
918 87	408
918 83	408
9 1915 0 ..	409
919 33	409

Rated voltage 250 V~  
Rated current 16 A

Not suitable for fixing clamping ring!

Design	Order no.	PU
anthracite matt, insert black	<b>* 9 6251 25 05</b>	10
black matt, insert black	<b>* 9 6251 25 03</b>	10
polar white matt, insert white	<b>* 9 6251 25 02</b>	10

**Swiss socket outlets**

- Connection terminals according to IEC 60884-1



**Socket outlet with earthing contact SWITZERLAND type 13**

**i 482**

- screw terminals

- 2pole + earth



**Suitable for**  
Contact protection box Ø 49 mm  
Contact protection box 2gang  
Contact protection box 3gang

Order no.	Page
918 8 ..	408
9 191 ..	409
919 33	409

Rated voltage 250 V~  
Rated current 10 A

Not suitable for fixing clamping ring!

Design	Order no.	PU
brown matt	<b>9 6249 25 01</b>	10
anthracite matt	<b>9 6249 25 05</b>	10
grey matt	<b>9 6249 25 06</b>	10
polar white matt	<b>9 6249 25 02</b>	10
black matt	<b>9 6249 05</b>	10





**Socket outlet with earthing contact SWITZERLAND type 23**

**i 482**

- screw terminals

- 2pole + earth



Rated voltage 250 V~  
Rated current 16 A

**Suitable for**  
Contact protection box Ø 49 mm  
Contact protection box 2gang  
Contact protection box 3gang

Order no.	Page
918 8 ..	408
9 191 ..	409
919 33	409

Not suitable for fixing clamping ring!

Design	Order no.	PU
brown matt	<b>9 6259 25 01</b>	10
anthracite matt	<b>9 6259 25 05</b>	10
grey matt	<b>9 6259 25 06</b>	10
polar white matt	<b>9 6259 25 02</b>	10
black matt	<b>9 6259 25 03</b>	10



**BRITISH STANDARD socket outlets**



**Socket outlet with earthing contact BRITISH STANDARD**

**i 482**

- enhanced contact protection
- screw terminals

- 2pole + earth



Rated voltage 250 V~  
Rated current 13 A

**Suitable for**  
Contact protection box Ø 45 mm  
Contact protection box Ø 49 mm, deep  
Contact protection box 2gang  
Contact protection box 3gang


Order no.	Page
918 20	408
918 8 ..	408
9 191 ..	409
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Standard BS 1363

Design	Order no.	PU
brown matt	<b>9 6262 25 01</b>	10
anthracite matt	<b>9 6262 25 05</b>	10
grey matt	<b>9 6262 25 06</b>	10
polar white matt	<b>9 6262 25 02</b>	10
black matt	<b>9 6262 05</b>	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 482**


Rated voltage 250 V~  
Switching current 16 AX

**Suitable for**  
Contact protection box Ø 45 mm  
Contact protection box Ø 49 mm  
Contact protection box 2gang  
Contact protection box 3gang  
Frame with imprint "IP44"  
Sealing for IP 44 applications

Order no.	Page
918 20 ..	408
918 8 ..	408
9 191 ..	409
919 33	409
9 1827 ..	406
918 53	410


Design	Order no.	PU
brown matt	<b>9 3656 25 01</b>	10
anthracite matt	<b>9 3656 25 05</b>	10
grey glossy	<b>9 3656 25 07</b>	10
polar white glossy	<b>9 3656 25 09</b>	10
black glossy	<b>9 3656 25 10</b>	10
chrome matt, lacquered	<b>9 3656 25 68</b>	10
stainless steel matt, lacquered	<b>9 3656 25 24</b>	10




				<b>i</b>	<b>482</b>
	<b>Intermediate switch</b>				
	Rated voltage	250 V~	- with screw terminals		
	Switching current	16 AX			
		<b>Suitable for</b>		<b>Order no.</b>	<b>Page</b>
		Contact protection box Ø 45 mm, flat		9 1820 ..	408
		Contact protection box Ø 49 mm		918 8 ..	408
		Contact protection box 2gang		9 191 ..	409
		Contact protection box 3gang		919 33	409
		Sealing for IP 44 applications		918 53	410
		Frame with imprint "IP44"		9 1827 ..	406
Design		Order no.		PU	
	brown matt	<b>9 3657 25 01</b>		10	
	anthracite matt	<b>9 3657 25 05</b>		10	
	grey glossy	<b>9 3657 25 07</b>		10	
	polar white glossy	<b>9 3657 25 09</b>		10	
	black glossy	<b>9 3657 25 10</b>		10	
	chrome matt, lacquered	<b>9 3657 25 68</b>		10	
	stainless steel matt, lacquered	<b>9 3657 25 24</b>		10	



**Multi-pole rocker switches**

				<b>i</b>	<b>482</b>
	<b>On/off switch 2pole with imprint "0"</b>				
	Rated voltage	250 V~	- with screw terminals		
	Switching current	16 AX			
		<b>Suitable for</b>		<b>Order no.</b>	<b>Page</b>
		Contact protection box Ø 45 mm		918 20 ..	408
		Contact protection box Ø 49 mm		918 8 ..	408
		Contact protection box 2gang		9 191 ..	409
		Contact protection box 3gang		919 33	409
		Frame with imprint "IP44"		9 1827 ..	406
		Sealing for IP 44 applications		918 53	410
Design		Order no.		PU	
	brown matt	<b>9 3652 25 01</b>		10	
	anthracite matt	<b>9 3652 25 05</b>		10	
	grey glossy	<b>9 3652 25 07</b>		10	
	polar white glossy	<b>9 3652 25 09</b>		10	
	black glossy	<b>9 3652 25 10</b>		10	
	chrome matt, lacquered	<b>9 3652 25 68</b>		10	
	stainless steel matt, lacquered	<b>9 3652 25 24</b>		10	



				<b>i</b>	<b>482</b>
	<b>Control on/off switch 2pole with imprint "0"</b>				
	- red lens		- for illumination and monitoring circuit		
			- with integral neon lamp		
			- with screw terminals		
		<b>Suitable for</b>		<b>Order no.</b>	<b>Page</b>
		Contact protection box Ø 45 mm		918 20 ..	408
		Contact protection box Ø 49 mm		918 8 ..	408
		Contact protection box 2gang		9 191 ..	409
		Contact protection box 3gang		919 33	409
		Frame with imprint "IP44"		9 1827 ..	406
	Sealing for IP 44 applications		918 53	410	
Design		Order no.		PU	
	brown matt	<b>9 3752 25 01</b>		10	
	anthracite matt	<b>9 3752 25 05</b>		10	
	grey glossy	<b>9 3752 25 07</b>		10	
	polar white glossy	<b>9 3752 25 09</b>		10	
	black glossy	<b>9 3752 25 10</b>		10	
	chrome matt, lacquered	<b>9 3752 25 68</b>		10	
	stainless steel matt, lacquered	<b>9 3752 25 24</b>		10	



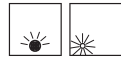


**Control on/off switch 2pole with imprint "0", 12 V**

**i 482**



- red lens
- control LED



Rated voltage  
Switching current  
LED current

12 V=  
5 A  
10 mA

- for illumination and monitoring circuit
- with screw terminals

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	9 1820 ..	408
Contact protection box Ø 49 mm	918 8 ..	408
Contact protection box 2gang	9 191 ..	409
Contact protection box 3gang	919 33	409
Sealing for IP 44 applications	918 53	410
Frame with imprint "IP44"	9 1827 ..	406

Design	Order no.	PU
brown matt	<b>9 3762 25 31</b>	10
anthracite matt	<b>9 3762 25 35</b>	10
polar white glossy	<b>9 3762 25 39</b>	10
black glossy	<b>9 3762 25 10</b>	10
chrome matt, lacquered	<b>9 3762 25 68</b>	10
stainless steel matt, lacquered	<b>9 3762 25 24</b>	10



**Combination rocker switches**



**Series switch, common input terminal**

Rated voltage  
Switching current

250 V~  
16 AX

- common input terminal
- with screw terminals

Suitable for	Order no.	Page
Contact protection box Ø 45 mm, flat	9 1820 01	408
Contact protection box Ø 49 mm, deep	918 83	408
Contact protection box 2gang	9 191 ..	409
Contact protection box 3gang	919 33	409

Design	Order no.	PU
brown matt	<b>9 3655 25 01</b>	10
anthracite matt	<b>9 3655 25 05</b>	10
grey glossy	<b>9 3655 25 07</b>	10
polar white glossy	<b>9 3655 25 09</b>	10
black glossy	<b>9 3655 25 10</b>	10
chrome matt, lacquered	<b>9 3655 25 68</b>	10
stainless steel matt, lacquered	<b>9 3655 25 24</b>	10



**Rocker push-buttons**



**Push-button, NO contact**

**i 482**



- screw terminals



Rated voltage  
Momentary-contact current

250 V~  
10 A

- with screw terminals

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20 ..	408
Contact protection box Ø 49 mm	918 8 ..	408
Contact protection box 2gang	9 191 ..	409
Contact protection box 3gang	919 33	409
Frame with imprint "IP44"	9 1827 ..	406
Sealing for IP 44 applications	918 53	410

Design	Order no.	PU
brown matt	<b>9 3671 25 01</b>	10
anthracite matt	<b>9 3671 25 05</b>	10
grey glossy	<b>9 3671 25 07</b>	10
polar white glossy	<b>9 3671 25 09</b>	10
black glossy	<b>9 3671 25 10</b>	10
chrome matt, lacquered	<b>9 3671 25 68</b>	10
stainless steel matt, lacquered	<b>9 3671 25 24</b>	10







**Push-button, NO contact, illuminated**

- 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	9 1820 ..	408
Contact protection box Ø 49 mm	918 8 ..	408
Contact protection box 2gang	9 191 ..	409
Contact protection box 3gang	919 33	409
Sealing for IP 44 applications	918 53	410
Frame with imprint "IP44"	9 1827 ..	406

Design	Order no.	PU
brown matt	<b>9 3772 25 01</b>	10
anthracite matt	<b>9 3772 25 05</b>	10
grey glossy	<b>9 3772 25 07</b>	10
polar white glossy	<b>9 3772 25 09</b>	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 2gang	9 191 ..	409
Contact protection box 3gang	919 33	409

Design	Order no.	PU
brown matt	<b>9 3675 25 01</b>	10
anthracite matt	<b>9 3675 25 05</b>	10
grey glossy	<b>9 3675 25 07</b>	10
polar white glossy	<b>9 3675 25 09</b>	10
black glossy	<b>9 3675 25 10</b>	10
chrome matt, lacquered	<b>9 3675 25 68</b>	10
stainless steel matt, lacquered	<b>9 3675 25 24</b>	10



**Rotary dimmers**

**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

- with soft-lock
- with on/off pressure switch
- short-circuit and overload proof (electronic fuse)
- with pulse width modulation (PWM)
- with screw terminals

Do not mount with Berker Integro contact protection boxes, flush-mounted housings or fixing clamping ring.

Design	Order no.	PU
brown matt	<b># 9 2876 25 01</b>	1
anthracite matt	<b># 9 2876 25 05</b>	1
grey glossy	<b># 9 2876 25 07</b>	1
polar white glossy	<b># 9 2876 25 09</b>	1
black glossy	<b># 9 2876 25 10</b>	1
chrome matt, lacquered	<b># 9 2876 25 68</b>	1
stainless steel matt, lacquered	<b># 9 2876 25 24</b>	1







**Rotary dimmer with frame**

- setting knob



Operating voltage	230 V~
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
Frequency	50 Hz

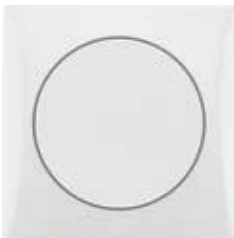
- with change-over pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- phase cut-on
- with screw terminals

Do not mount with Berker Integro contact protection boxes, flush-mounted housings or fixing clamping ring.

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

- 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

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

Possible to change fuse without removing cover.

Do not mount with Berker Integro contact protection boxes, flush-mounted housings or fixing clamping ring, according to DIN EN 61347-2-3

Design	Order no.	Page
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

- with electrical interlocking to prevent mutual activation
- with screw terminals

Follow the motor manufacturers' instructions.

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	9 1820 ..	408
Contact protection box Ø 49 mm	918 8 ..	408
Contact protection box 2gang	9 191 ..	409
Contact protection box 3gang	919 33	409

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



#### Aerial connector box TV

DIN 45325

Design	Order no.	PU
<b>with soldered connection</b>		
brown matt <sup>1)</sup>	<b>9 4511 25 11</b>	10
anthracite matt <sup>1)</sup>	<b>9 4511 25 15</b>	10
grey matt <sup>1)</sup>	<b>9 4511 25 16</b>	10
polar white matt <sup>1)</sup>	<b>9 4511 25 12</b>	10
black matt <sup>1)</sup>	<b>9 4511 15</b>	10
<b>Connection in F system</b>		
brown matt	<b>9 4581 25 01</b>	10
anthracite matt	<b>9 4581 25 05</b>	10
grey matt	<b>9 4581 25 06</b>	10
polar white matt	<b>9 4581 25 02</b>	10
black matt	<b>9 4581 25 03</b>	10

<sup>1)</sup> suitable for frames with hinged covers



#### Aerial connector box SAT

Not suitable for frames with hinged covers.

- with double F-socket

Design	Order no.	PU
brown matt	<b>9 4519 25 01</b>	10
anthracite matt	<b>9 4519 25 05</b>	10
grey matt	<b>9 4519 25 06</b>	10
polar white matt	<b>9 4519 25 02</b>	10
black matt	<b>9 4519 05</b>	10



#### 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	<b>9 4560 25 01</b>	10
anthracite matt	<b>9 4560 25 05</b>	10
grey matt	<b>9 4560 25 06</b>	10
polar white matt	<b>9 4560 25 02</b>	10
black matt	<b>9 4560 05</b>	10



#### 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	<b>9 4561 25 02</b>	10





**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	<b>8 4563 25 06</b>	200
black matt	<b>8 4563 25 03</b>	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 402

Manufacturer product line	Art. No.
<b>Mini-Com modules</b>	
Panduit	

Design	Order no.	PU
anthracite glossy	<b>9 4559 25 05</b>	10
grey glossy	<b>9 4559 25 07</b>	10
polar white glossy	<b>9 4559 25 09</b>	10
black glossy	<b>9 4559 05</b>	10



**Mini jack, 8-pole**

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

**i 462**

Suitable for	Order no.	Page
Central plate for 3 MINI-COM modules	1427 ..	109
Double supporting plate for MINI-COM modules	9 4559 ..	401
Supporting plate 2gang for BTR-/E-DAT modules	8 4558 25 ..	402



Design	Order no.	PU
<b>Cat.6, RJ45, shielded (AWG 26)</b>		
Mini jack 8pole shielded, cat.6	<b>1985</b>	1
<b>Cat.5e, RJ45, shielded (AWG 24-22)</b>		
Mini jack 8pole shielded, cat.5e	<b>1984</b>	1



Design	Order no.	PU
<b>Cat.3, RJ45, ISDN-compatible, unshielded (AWG 24-22)</b>		
Mini jack, 8-pole, cat.3, black	<b>1980</b>	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

<b>Manufacturer product line</b>	<b>Art. No.</b>
<b>EMT modular jack</b>	
AMP	
<b>Standard 110 Connect jack</b>	
AMP	
<b>MT-RJ jack</b>	
AMP	
Intracom	
Telena	
<b>Modular jacks</b>	
Brand-Rex	
CobiNet	
EFB Electronic	
Schumann	
<b>SL series toolless jack</b>	
AMP	

Design	Order no.	PU
anthracite glossy	<b>9 4557 25 05</b>	10
grey glossy	<b>9 4557 25 07</b>	10
polar white glossy	<b>9 4557 25 09</b>	10
black glossy	<b>9 4557 05</b>	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

<b>Manufacturer product line</b>	<b>Art. No.</b>
<b>Modules</b>	
BTR NETCOM	

Design	Order no.	PU
anthracite glossy	<b>8 4558 25 05</b>	100
grey glossy	<b>8 4558 25 07</b>	100
polar white glossy	<b>8 4558 25 09</b>	100
black glossy	<b>8 4558 25 10</b>	100

**Multimedia modules**



**Cinch module set audio**








Conductor Ø 0.5 ... 0.65 mm (AWG 24-22)  
 Conductor cross-section 0.2 mm<sup>2</sup> ... 0.325 mm<sup>2</sup>  
 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

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Central plate for 3 MINI-COM modules	1427 ..	109
Double supporting plate for MINI-COM modules	9 4559 ..	401
Supporting plate 2gang for BTR-/E-DAT modules	8 4558 25 ..	402



Design	Order no.	PU
polar white/red	<b>1989</b>	1

	<b>Cinch module video</b>			<b>i</b>	<b>461</b>
	Conductor Ø	0.5 ... 0.65 mm (AWG 24-22)	– with cinch socket and module carrier		
	Conductor cross-section	0.2 mm <sup>2</sup> ... 0.325 mm <sup>2</sup>	– with tool free cutting terminals		
	Dimensions (W x H x D)	15 x 18 x 35 mm			
		<b>Suitable for</b>		<b>Order no.</b>	<b>Page</b>
		Central plate for 3 MINI-COM modules		1427 ..	109
		Double supporting plate for MINI-COM modules		9 4559 ..	401
		Supporting plate 2gang for BTR-/E-DAT modules		8 4558 25 ..	402
	Design		Order no.		PU
	polar white/yellow		<b>1992</b>		1
	<b>VGA module</b>			<b>i</b>	<b>461</b>
	Conductor cross-section	1.5 mm <sup>2</sup>	– occupies 2 MINI-COM module spaces in the cover		
	Dimensions (W x H x D)	31 x 18 x 35 mm	– Compatibility SVGA compatible		
			– with a 15pole D-subminiature socket		
			– with screw-in lift terminals		
		<b>Suitable for</b>		<b>Order no.</b>	<b>Page</b>
		Central plate for 3 MINI-COM modules		1427 ..	109
		Double supporting plate for MINI-COM modules		9 4559 ..	401
		Supporting plate 2gang for BTR-/E-DAT modules		8 4558 25 ..	402
	Design		Order no.		PU
	polar white/black		<b>1994</b>		1
	<b>S-Video module</b>			<b>i</b>	<b>461</b>
	Conductor Ø	0.5 ... 0.65 mm (AWG 24-22)	– with S-Video and module carrier		
	Conductor cross-section	0.2 mm <sup>2</sup> ... 0.325 mm <sup>2</sup>	– with tool free cutting terminals		
	Dimensions (W x H x D)	15 x 18 x 35 mm			
		<b>Suitable for</b>		<b>Order no.</b>	<b>Page</b>
		Central plate for 3 MINI-COM modules		1427 ..	109
		Double supporting plate for MINI-COM modules		9 4559 ..	401
		Supporting plate 2gang for BTR-/E-DAT modules		8 4558 25 ..	402
	Design		Order no.		PU
	polar white/black		<b>1993</b>		1
	<b>Blank module</b>				
	Dimensions (W x H x D)	15 x 18 x 35 mm			
		<b>Suitable for</b>		<b>Order no.</b>	<b>Page</b>
		Central plate for 3 MINI-COM modules		1427 ..	109
		Double supporting plate for MINI-COM modules		9 4559 ..	401
		Supporting plate 2gang for BTR-/E-DAT modules		8 4558 25 ..	402
	Design		Order no.		PU
	polar white		<b>1990</b>		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
Conductor cross-section (rigid)	max. 2.5 mm <sup>2</sup>
Power consumption (standby)	< 50 mW

- for charging mobile end devices like tablets, smart phones, navigation devices and digital cameras 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	408
Contact protection box 2gang	9 1915 0 ..	409
Contact protection box 3gang	919 33	409

No data transmission possible!  
USB connections according to DIN EN 50558



Design	Order no.	PU
anthracite matt	<b>9 2600 25 05</b>	1
polar white matt	<b>9 2600 25 09</b>	1

## Connecting devices 12 V



### Socket outlet 12 V

Operating voltage	12 ... 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

Note:  
When using 12 V connector (order no. 4637), observe max. rated current of 8 A.  
DIN EN ISO 4165

Suitable for	Order no.	Page
Contact protection box Ø 45 mm	918 20	408
Contact protection box Ø 49 mm	918 8 ..	408
Contact protection box 2gang	9 191 ..	409
Contact protection box 3gang	919 33	409
Plug 12 V	4637	405

Design	Order no.	PU
brown matt	<b>9 4517 25 01</b>	10
anthracite matt	<b>9 4517 25 05</b>	10
grey glossy	<b>9 4517 25 07</b>	10
polar white glossy	<b>9 4517 25 09</b>	10
black matt	<b>9 4517 05</b>	10



### Power socket outlet 12 V

Operating voltage	12 ... 24 V
Rated current for 1.5 mm <sup>2</sup>	max. 15 A
Rated current for 2.5 mm <sup>2</sup>	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 contact protection boxes (cavity walls).

Not suitable for installation in surface-mounted housing.  
Compliant with SAE J563 (Feb. 2009), VW Standard TL82285 (Apr. 2007)

Design	Order no.	PU
brown matt	<b>8 4571 25 01</b>	200
anthracite matt	<b>8 4571 25 05</b>	200
grey glossy	<b>8 4571 25 07</b>	200
polar white glossy	<b>8 4571 25 09</b>	200
black matt	<b>8 4571 25 03</b>	200





### Plug 12 V

Operating voltage  
Rated current

12 ... 24 V – with solder connection  
max. 8 A

Suitable for  
Socket outlet 12 V

Order no.  
9 4517 ..

Page  
404



Design  
black matt

Order no.  
**4637**

PU  
1

## Frames



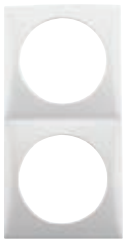
Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the appropriate sealing and Integro module insert.



### Frame 1gang

**i** 482

Design	Order no.	PU
brown matt	<b>9 1827 25 01</b>	10
anthracite matt	<b>9 1827 25 05</b>	10
grey glossy	<b>9 1827 25 07</b>	10
polar white glossy	<b>9 1827 25 09</b>	10
black glossy	<b>9 1827 25 10</b>	10
chrome matt, lacquered	<b>9 1827 25 58</b>	10
stainless steel matt, lacquered	<b>9 1827 25 24</b>	10



### Frame 2gang

– for vertical and horizontal mounting

**i** 482

Design	Order no.	PU
brown matt	<b>9 1826 25 11</b>	2
anthracite matt	<b>9 1826 25 15</b>	2
grey glossy	<b>9 1826 25 07</b>	2
polar white glossy	<b>9 1826 25 19</b>	2
black glossy	<b>9 1826 25 10</b>	2
chrome matt, lacquered	<b>9 1826 25 58</b>	2
stainless steel matt, lacquered	<b>9 1826 25 24</b>	2



### Frame 3gang

– for vertical and horizontal mounting

**i** 482

Design	Order no.	PU
brown matt	<b>9 1819 25 11</b>	2
anthracite matt	<b>9 1819 25 15</b>	2
grey glossy	<b>9 1819 25 07</b>	2
polar white glossy	<b>9 1819 25 19</b>	2
black glossy	<b>9 1819 25 10</b>	2
chrome matt, lacquered	<b>9 1819 25 68</b>	2
stainless steel matt, lacquered	<b>9 1819 25 24</b>	2



### Frame

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
anthracite matt	<b>9 1803 25 05</b>	10
grey glossy	<b>9 1803 25 07</b>	10
polar white glossy	<b>9 1803 25 09</b>	10
chrome matt, lacquered	<b>9 1803 25 68</b>	10





## Frame with imprint "IP44"

**i** 482



Not for switches/buttons with split rocker!  
IP44

- without sealing
- for water-proof covering of rocker switches/rocker push-buttons

Design	Order no.	PU
brown matt	<b>9 1827 25 91</b>	10
anthracite matt	<b>9 1827 25 95</b>	10
grey glossy	<b>9 1827 25 97</b>	10
polar white glossy	<b>9 1827 25 99</b>	10
chrome matt, lacquered	<b>9 1827 25 68</b>	10

**Suitable for**  
Sealing for IP 44 applications

**Order no.**  
918 53

**Page**  
410

## Frames with hinged cover



### Frame with hinged cover

- for covering of socket outlets

Design	Order no.	PU
brown matt	<b>9 1828 25 01</b>	10
anthracite matt	<b>9 1828 25 05</b>	10
grey glossy	<b>9 1828 25 07</b>	10
polar white glossy	<b>9 1828 25 09</b>	10
black glossy	<b>9 1828 25 10</b>	10
chrome matt, lacquered	<b>9 1828 25 78</b>	10
stainless steel matt, lacquered	<b>9 1828 25 24</b>	10



### Frame with hinged cover

- labelling field



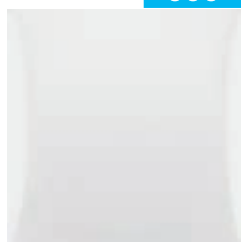
Labelling field height arranged for P-touch strips 9 mm.

- for covering of socket outlets
- with 2 labelling field inlays, neutral and perforated for socket outlet with indicator LED

Design	Order no.	PU
anthracite matt	<b>9 1988 25 05</b>	10
grey glossy	<b>9 1988 25 06</b>	10
polar white glossy	<b>9 1988 25 02</b>	10



## Frame with hinged cover and imprint "IP44"



- without sealing
- for waterproof covering of socket outlets

Design	Order no.	PU
brown matt	<b>9 1828 25 91</b>	10
anthracite matt	<b>9 1828 25 95</b>	10
grey glossy	<b>9 1828 25 97</b>	10
polar white glossy	<b>9 1828 25 99</b>	10
chrome matt, lacquered	<b>9 1828 25 68</b>	10

**Suitable for**  
Sealing for IP 44 applications

**Order no.**  
918 53

**Page**  
410



## Surface-mounted housings



### Surface-mounted housing high

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

**i** 482

Design	Suitable for optional	Order no.	Page
<b>without strain relief</b>	Tube entry replacement		page 410
	Wire and duct entry		page 410
	Order no.		PU
brown glossy		<b>9 1151 25 01</b>	10
anthracite glossy		<b>9 1151 25 05</b>	10
grey glossy		<b>9 1151 25 07</b>	10
polar white glossy		<b>9 1151 25 09</b>	10
black glossy		<b>9 1151 25 10</b>	10
<b>with strain relief</b>			
brown glossy		<b>9 1151 25 11</b>	10
anthracite glossy		<b>9 1151 25 15</b>	10
grey glossy		<b>9 1151 25 17</b>	10
polar white glossy		<b>9 1151 25 19</b>	10
black glossy		<b>9 1151 25 20</b>	10



### Surface-mounted housing flat

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

**i** 482

Design	Order no.	PU
<b>without strain relief</b>		
anthracite glossy	<b>9 1152 25 25</b>	10
polar white glossy	<b>9 1152 25 29</b>	10
<b>with 1 strain relief</b>		
anthracite glossy	<b>9 1152 25 55</b>	10
polar white glossy	<b>9 1152 25 59</b>	10
<b>with 2 strain reliefs</b>		
anthracite glossy	<b>9 1152 25 65</b>	10
polar white glossy	<b>9 1152 25 69</b>	10



## Supplementary products

### Blind plates

New

### Blank plate

- with supporting plate



Design	Order no.	PU
brown matt	<b>9 4516 25 01</b>	10
anthracite matt	<b>9 4516 25 05</b>	10
grey glossy	<b>9 4516 25 07</b>	10
polar white glossy	<b>9 4516 25 09</b>	10
black glossy	<b>9 4516 25 10</b>	10
chrome matt, lacquered	<b>* 8 4516 25 68</b>	200
stainless steel matt, lacquered	<b>* 9 4516 25 24</b>	10



**Spacer rings**



**Surface-mounted spacer ring**

**i 482**

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	<b>9 1825 25 11</b>	10
anthracite glossy	<b>9 1825 25 15</b>	10
grey glossy	<b>9 1825 25 06</b>	10
polar white glossy	<b>9 1825 25 12</b>	10
black glossy	<b>9 1825 25 10</b>	10
chrome matt, lacquered	<b>9 1825 25 68</b>	10
stainless steel matt, lacquered	<b>9 1825 25 24</b>	10

**Contact protection boxes**

– Flame resistant according to VDE 0606-1



**Contact protection box Ø 45 mm, flat**

**i 482**

Cable Ø max. 12 mm – only for switches and push-buttons  
 Insertion depth 22 mm – with cable entry  
 Strain relief not suitable for flat cables.

Design	Order no.	PU
grey, with strain relief	<b>9 1820 01</b>	200



**Contact protection box Ø 45 mm**

**i 482**

Cable Ø max. 12 mm – for switches and socket outlets  
 Insertion depth 35.5 mm – with 4 cable entries  
 – 6 knockout openings  
 Strain relief not suitable for flat cables.

Design	Order no.	PU
grey, with strain relief	<b>918 20</b>	200



**Contact protection box Ø 49 mm**

**i 482**

Cable Ø max. 12 mm – with 2 cable entries  
 Insertion depth 38 mm  
 Strain relief not suitable for flat cables.

Design	Order no.	PU
grey, with 1x internal double strain relief on side	<b>918 87</b>	200



**Contact protection box Ø 49 mm, deep**

**i 482**

Cable Ø max. 12 mm – with 2 cable entries on backside  
 Insertion depth 45.5 mm – 1 knock out opening  
 Strain relief not suitable for flat cables.

Design	Order no.	PU
grey, with 1x external double strain relief	<b>918 83</b>	200



**Contact protection box 2gang**

**i 482**

Cable Ø	max. 12 mm	- for vertical and horizontal mounting
Insertion depth	37 mm	- with 2 cable entries
length	109 mm	- 1 knock out opening
Width	49 mm	

Only suitable for 2gang frames!  
Strain reliefs not suitable for flat cables.

Design	Order no.	PU
grey, with strain relief	<b>9 1915 01</b>	10
grey, with 2 strain reliefs	<b>9 1915 02</b>	10



**Contact protection box 3gang**

**i 482**

Cable Ø	max. 12 mm	- for vertical and horizontal mounting
Insertion depth	38 mm	- with 6 cable entries, 1 per side, top, bottom and 2 on backside
length	168 mm	- 5 knock out openings
Width	49 mm	

Strain relief not suitable for flat cables.

Design	Order no.	PU
grey, with 1 strain relief	<b>919 33</b>	10



**Contact protection box Ø 58 mm for terminal attachment**

Cable Ø	max. 12 mm	<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Insertion depth	35 mm	Fixing clamping ring	818 36 ..	409

Strain relief not suitable for flat cables.

Design	Order no.	PU
grey, with 1x internal strain relief	<b>818 37</b>	200

**Fixing clamping rings**



**Fixing clamping ring**

Hole Ø	50 mm	<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
For Berker Integro inserts, e. g. for installation in a mirror.		Contact protection box Ø 58 mm for terminal attachment	818 37	409

Design	Order no.	PU
grey, material thickness 5 mm	<b>818 36</b>	200
dark grey, material thickness 4 mm	<b>8 1836 01</b>	200
polar white matt, material thickness 6 mm	<b>8 1836 02</b>	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	<b>918 44</b>	10

**Entries/connectors**



**Wire and duct entry**

Also suitable for surface-mounted frames and housings from the flush-mounted programmes.

– for wire or 15 x 15 mm cable duct

	Suitable for	Order no.	Page
	Surface-mounted housing high	9 1151 ..	407
Design		Order no.	PU
white		<b>1813</b>	10
polar white		<b>1813 09</b>	10
black		<b>1813 05</b>	10



**Tube entry**

Distance from wall to centre of pipe 16 mm

– for tubes with coupling dia. 20.5 mm (PG 13.5) and M 20

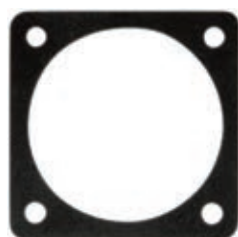
Also suitable for surface-mounted frames and housings from the flush-mounted programmes.

– for tubes with Ø 15.2 mm (PG 9) and M 16

Suitable tubes for surface-mounted installation can be purchased at [www.fraenkische-elektro.de](http://www.fraenkische-elektro.de).

	Suitable for	Order no.	Page
	Surface-mounted housing high	9 1151 ..	407
Design		Order no.	PU
polar white		<b>1817 09</b>	10
black		<b>1817 05</b>	10

**Sealings IP44**



**Sealing for IP 44 applications**

Not for switches/buttons with split rocker!

– for SCHUKO socket outlets and socket outlets with earthing pin (frame with hinged cover IP 44 and contact protection box required!)  
– for rocker switch/rocker push-button (frame IP 44 and contact protection box required!)

	Suitable for	Order no.	Page
	SCHUKO socket outlets		page 390
	Socket outlets with earthing pin		page 392
	Rocker switches		page 395
	Multi-pole rocker switches		page 396
	Rocker push-buttons		page 397
	Frame with imprint "IP44"	9 1827 ..	406
	Frame with hinged cover and imprint "IP44"	9 1828 ..	406
Design		Order no.	PU
black		<b>918 53</b>	10



# Berker Manufaktur

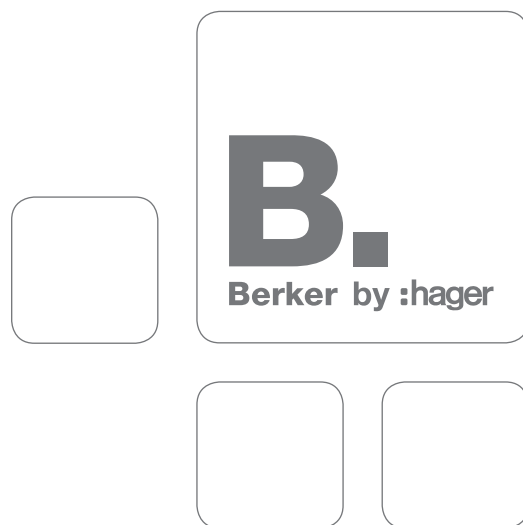
More and more people are following the trend of not following a trend. For these people, there is Berker Manufaktur.

This is where we create switches that are a real blend of hi-tech and handcraft, 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 something which 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	414
Custom switches for unique buildings	415
Maximise your possibilities	416
Genuine material	417



When Berker was founded in 1919 the company was then named „Spezialfabrik für Elektrotechnische Apparate“, which could be translated into „specialized company for electro technical devices“. At that time, you could already feel our eagerness to find unique solutions for our customers. Nothing changed in our culture so far.

At Berker MANUFAKTUR we enhanced products from our design ranges with unique and outstanding Quality finishes.



Berker TS,  
burnished brass



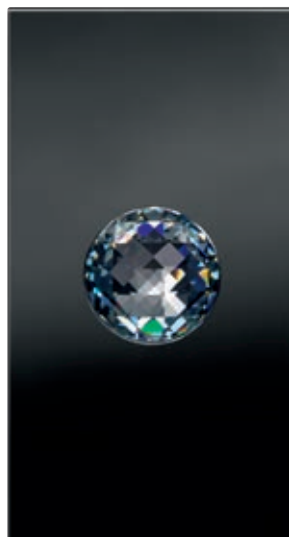
Berker B.7,  
burnished brass



Berker R.3,  
burnished brass



Berker TS,  
Glas black, crystal



Berker TS Crystal Ball,  
Glas black



Berker TS,  
Glas black with socket outlet



Base of each MANUFAKTUR-product is always one of our design ranges.

Through printings, laserings, surface treatments or finishes with special materials, each product can be ennobled to an unique device.

### Special labeling – lettering and symbols



Berker R.classic,  
crystal polarwhite



Berker R.3  
crystal polarwhite



Berker B.IQ,  
stainless steel lasered

Berker  
Manufaktur



Berker R.1,  
brass, satin-sanded with protection lacquer



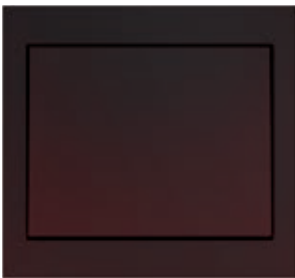
Berker R.1,  
stainless steel, 24k gold plated



Berker R.1,  
stainless steel with milled glossy chamfer

All the products shown on these pages represent a few examples of the surprising huge variety of possibilities for Berker MANUFAKTUR solutions. For your own unique device, please get in contact with your Berker sales representative. We will be pleased to present a bigger overview of the possibilities and to send a non-committal offer afterwards.

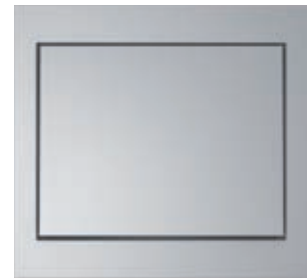
### Surface finishes



Berker K.1,  
Sanodal red



Berker K.1,  
Titanium grey

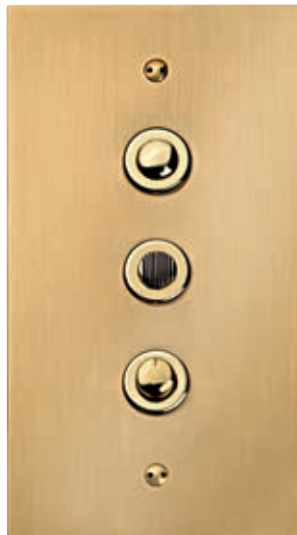


Berker K.1,  
EV01 alu lacquered

### Special processing



Berker TS,  
with socket outlets



Berker TS,  
brass with push buttons and Room  
Temperature Control



Berker TS,  
Glas mirror, crystal push buttons

Berker B.7 stainless steel in a new finish. Electroplated with a protective lacquer.  
Slightly shimmering red copper.



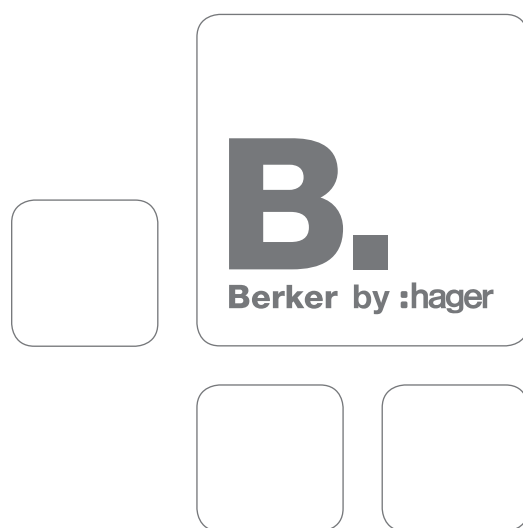
Berker B.7 stainless steel, copper galvanized

# Berker.Net conventional electronic platform

The new electronics platform consists, on the one hand, of conventional solutions (switching, dimming and blind functions), which are part of this catalogue and described under following chapters Light Control, Motion Detector and Blind Control. On the other hand, this platform can be expanded further using radio applications. In this way, for example, a flush-mounted dimmer can be turned into a remote control solution by attaching a radio button. A lot of further applications and the concerning product information are main content of our separate „Berker by Hager electronics“ brochure.



Combination overview - conventional	420
Light control	421
Motion detectors	426
Blind control	431



**Application modules  
conventional**



Button 1gang



Button 2gang



Motion detector  
1.1/2.2 m



IR motion detector  
comfort  
1.1/2.2 m



Blind button



Blind time  
switch

Inserts	Order no.	8514 11 xx	8514 21 xx	8534 11 xx 8534 21 xx	8534 12 xx 8534 22 xx	8524 11 xx	8574 11 xx
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	●		●	●		
Switch insert 2gang 	8512 22 00		●				
Universal touch dimmer 2gang 	8542 21 00		●				
Blind insert comfort 	8522 11 00					●	●
Extension unit for motion detector 	8532 01 00			●	●		

## Light control

### Switch inserts



#### Relay insert

**i** 468

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Minimum contact load	≈ 15 W	- no conductive connection between supporting ring and spreading claws
230 V retrofit LED lamps	440 W	- also usable as push-button relay switch
Dimmable energy-saving lamps	440 W	- with screw terminals
230 V incandescent lamps and halogen lamps	2300 W	
Fluorescent lamps:		
- uncompensated	1100 VA	
- parallel compensated	1000 W /130 µF	
- in Duo circuit	1000 W	
- with electronic 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	
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 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
Housing installation depth	22 mm	
Claw guidance installation depth	32 mm	

Suitable for optional	Order no.	Page
Making current limiter	185	59

Neutral conductor necessary!  
Comprehensive transmission and reception functions, in conjunction with a KNX radio application module.



Design	Order no.	PU
Relay insert	<b>8512 12 00</b>	1



#### Switch insert 1 gang

**i** 468

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- automatic setting to dimmable loads (autoDetect process)
Dimmable energy-saving lamps	13 ... 80 W	- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
230 V incandescent lamps and halogen lamps	25 ... 400 W	- bulb-preserving soft startup
Dimmable conventional transformers	25 ... 400 VA	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Electronic transformers and dual-mode transformers	25 ... 400 W	- no conductive connection between supporting ring and spreading claws
Number of substations	unlimited	- short-circuit and overload proof (electronic fuse)
Cable length, extensions	max. 50 m	- with screw terminals
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
Insertion depth	32 mm	

**Only suitable for operation with dimmable loads!**

**Caution!**  
Only connect **dimmable** 230 V ESL or retrofit-LED lamps.

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 1 gang	<b>8512 11 00</b>	1



**Switch insert 2gang**

**i** 468

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- automatic setting to dimmable loads (autoDetect process)
Dimmable 230 V retrofit LED lamps	per channel 12 ... 54 W	- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
Dimmable energy-saving lamps	per channel 15 ... 54 W	- bulb-preserving soft startup
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W	- with 2 extension unit inputs for push-button (NO contact), single-surface operation
Dimmable conventional transformers	per channel 35 ... 300 VA	- no conductive connection between supporting ring and spreading claws
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W	- short-circuit and overload proof (electronic fuse)
Number of substations	unlimited	- with screw terminals
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 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
Insertion depth	32 mm	

**Only suitable for operation with dimmable loads!**

**Caution!**

Only connect **dimmable** 230 V ESL or retrofit-LED lamps.

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	<b>8512 22 00</b>	1

**Dimmer inserts**



**Touch dimmer (R, L)**

**i** 468

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- phase cut-on
230 V incandescent lamps and halogen lamps	25 ... 400 W	- bulb-preserving soft startup
Dimmable conventional transformers	25 ... 400 VA	- switch-on brightness level can be stored safe after power failure
Number of universal capacity enhancers	max. 2	- expandable with universal power boosters RMD Plus
Number of substations	unlimited	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Cable length, extensions	max. 50 m	- no conductive connection between supporting ring and spreading claws
Load cable length	max. 100 m	- short-circuit and overload proof (electronic fuse)
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>	- with screw terminals
Operating temperature	-5 ... +45 °C	
Insertion depth	32 mm	
Power consumption (standby)	< 0.3 W	

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



Design	Order no.	PU
Touch dimmer (R, L)	<b>8542 11 00</b>	1





**Universal touch dimmer 1gang**

**i 468**

Operating voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V retrofit LED lamps	5 ... 70 W
Dimmable energy-saving lamps	13 ... 80 W
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Electronic transformers and dual-mode transformers	25 ... 400 W
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 mm <sup>2</sup>
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm
Power consumption (standby)	< 0.3 W

- low intrinsic energy requirement
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- 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
- short-circuit and overload proof (electronic fuse)
- 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	<b>8542 12 00</b>	1



**Universal touch dimmer 2gang**

**i 468**

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption, standby (Channel 1/Channel 2)	0.3/0.7 W
Dimmable 230 V retrofit LED lamps	per channel 12 ... 40 W
Dimmable energy-saving lamps	per channel 15 ... 54 W
230 V incandescent lamps and halogen lamps	per channel 35 ... 300 W
Dimmable conventional transformers	per channel 35 ... 300 VA
Electronic transformers and dual-mode transformers	per channel 35 ... 300 W
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 mm <sup>2</sup>
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm
Power consumption (standby)	< 0.3 W

- low intrinsic energy requirement
- automatic setting to dimmable loads (autoDetect process)
- phase cut-on or cut-off according to load type, self-learning
- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
- bulb-preserving soft startup
- with 2 extension unit inputs for push-button (NO contact), single-surface operation
- no conductive connection between supporting ring and spreading claws
- short-circuit and overload proof (electronic fuse)
- 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 2gang	<b>8542 21 00</b>	1

**DALI control devices**

New



**DALI/DSI control insert**

DALI cable length at 1.5 mm <sup>2</sup>	max. 300 m	- automatic detection of DALI/DSI devices
Operating voltage	230 V~	- remote control with KNX radio hand-held transmitters in combination with KNX radio buttons/KNX radio wall-transmitters
Operating temperature	-5 ... +45 °C	- low intrinsic energy requirement
Number of substations	unlimited	- with extension unit input for push-button (NO contact)
Output current	max. 40 mA	- automatic selection of operating mode (active/passive)
Housing installation depth	22 mm	- with electronic short-circuit and overload protection
Frequency	50/60 Hz	- for switching and controlling electr. ballasts and Tronic transformer with DALI interface
Insertion depth	32 mm	- with screw terminals
Quantity of DALI devices	max. 20	- no conductive connection between supporting ring and spreading claws
DALI voltage	16 V= (10.5 ... 22.5 V=)	- Control information is send centrally to all users in the DALI network (Broadcast)
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>	- switch-on brightness level can be stored safe after power failure
Cable length, extensions	max. 100 m	
Power consumption (standby)	< 0.4 W	

Not suitable for combining with other DALI systems.

Design	Order no.	PU
DALI/DSI control insert	★ 8542 17 00	1

**Buttons for switches/dimmers**



**Button 1gang**

Operating voltage	via insert	- low intrinsic energy requirement
Operating temperature	-5 ... +45 °C	- with 2-push-buttons operation concept
		- switch-on brightness level for use on dimmer insert, power failure proof, storable
		- with anti-dismantling protection

**i** 468

Suitable for	Order no.	Page
Relay insert	8512 12 00	43
DALI/DSI control insert	8542 17 00	46
Switch insert 1gang	8512 11 00	44
Touch dimmer (R, L)	8542 11 00	45
Universal touch dimmer 1gang	8542 12 00	45

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 Q.1/Q.3**

white velvety	★ 8514 11 22	1
polar white velvety	8514 11 29	1
anthracite velvety, lacquered	8514 11 26	1

**Berker K.1/K.5**

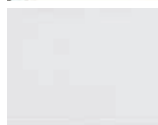
polar white glossy	8514 11 79	1
anthracite matt, lacquered	8514 11 75	1
aluminium, matt, lacquered	8514 11 77	1
stainless steel matt, lacquered	8514 11 73	1

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	8514 11 39	1
black glossy <sup>1)</sup>	8514 11 31	1



New



<sup>1)</sup> no dismantling protection possible



**Button 2gang**

Operating voltage  
Operating temperature

via insert  
-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

**i** 468

Suitable for	Order no.	Page
Switch insert 2gang	8512 22 00	44
Universal touch dimmer 2gang	8542 21 00	46

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 Q.1/Q.3**

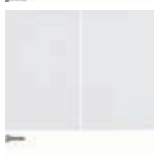
white velvety	* 8514 21 22	1
polar white velvety	8514 21 29	1
anthracite velvety, lacquered	8514 21 26	1

**Berker K.1/K.5**

polar white glossy	8514 21 79	1
anthracite matt, lacquered	8514 21 75	1
aluminium, matt, lacquered	8514 21 77	1
stainless steel matt, lacquered	8514 21 73	1

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	8514 21 39	1
black glossy <sup>1)</sup>	8514 21 31	1



<sup>1)</sup> no dismantling protection possible

## Motion detectors

### Inserts



#### Relay insert

**i** 468

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Minimum contact load	≈ 15 W	- no conductive connection between supporting ring and spreading claws
230 V retrofit LED lamps	440 W	- also usable as push-button relay switch
Dimmable energy-saving lamps	440 W	- with screw terminals
230 V incandescent lamps and halogen lamps	2300 W	
Fluorescent lamps:		
- uncompensated	1100 VA	
- parallel compensated	1000 W /130 μF	
- in Duo circuit	1000 W	
- with electrical 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	
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 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
Housing installation depth	22 mm	
Claw guidance installation depth	32 mm	

**Suitable for optional**

**Order no.**

**Page**

Making current limiter

185

59

Neutral conductor necessary!

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



Design	Order no.	PU
Relay insert	<b>8512 12 00</b>	1



#### Switch insert 1gang

**i** 468

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- automatic setting to dimmable loads (autoDetect process)
Dimmable energy-saving lamps	13 ... 80 W	- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
230 V incandescent lamps and halogen lamps	25 ... 400 W	- bulb-preserving soft startup
Dimmable conventional transformers	25 ... 400 VA	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Electronic transformers and dual-mode transformers	25 ... 400 W	- no conductive connection between supporting ring and spreading claws
Number of substations	unlimited	- short-circuit and overload proof (electronic fuse)
Cable length, extensions	max. 50 m	- with screw terminals
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
Insertion depth	32 mm	

**Only suitable for operation with dimmable loads!**

**Caution!**

Only connect **dimmable** 230 V ESL or retrofit-LED lamps.

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	<b>8512 11 00</b>	1



**Touch dimmer (R, L)**

**i** 468

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- phase cut-on
230 V incandescent lamps and halogen lamps	25 ... 400 W	- bulb-preserving soft startup
Dimmable conventional transformers	25 ... 400 VA	- switch-on brightness level can be stored safe after power failure
Number of universal capacity enhancers	max. 2	- expandable with universal power boosters RMD Plus
Number of substations	unlimited	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Cable length, extensions	max. 50 m	- no conductive connection between supporting ring and spreading claws
Load cable length	max. 100 m	- short-circuit and overload proof (electronic fuse)
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>	- with screw terminals
Operating temperature	-5 ... +45 °C	
Insertion depth	32 mm	
Power consumption (standby)	< 0.3 W	

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



Design	Order no.	PU
Touch dimmer (R, L)	<b>8542 11 00</b>	1



**Universal touch dimmer 1gang**

**i** 468

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- automatic setting to dimmable loads (autoDetect process)
Dimmable 230 V retrofit LED lamps	5 ... 70 W	- phase cut-on or cut-off according to load type, self-learning
Dimmable energy-saving lamps	13 ... 80 W	- Optimisation of the dimming performance by fine adjustment of the load type and special adjustment mode
230 V incandescent lamps and halogen lamps	25 ... 400 W	- bulb-preserving soft startup
Dimmable conventional transformers	25 ... 400 VA	- with extension unit input for push-button (NO contact), single-surface operation and motion detector extension unit
Electronic transformers and dual-mode transformers	25 ... 400 W	- no conductive connection between supporting ring and spreading claws
Number of substations	unlimited	- short-circuit and overload proof (electronic fuse)
Cable length, extensions	max. 50 m	- with screw terminals
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
Insertion depth	32 mm	
Power consumption (standby)	< 0.3 W	

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	<b>8542 12 00</b>	1



**Extension unit for motion detector**

**i** 468

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- no conductive connection between supporting ring and spreading claws
Cable length, extensions	max. 50 m	- short-circuit and overload proof (electronic fuse)
Number of motion detector extension units	unlimited	- with screw terminals
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
Insertion depth	32 mm	



Design	Order no.	PU
Extension unit for motion detector	<b>8532 01 00</b>	1

**Motion detector covers**



**IR motion detector comfort 1.1 m**

**i** 468

Nominal mounting height	1.1 m	- low intrinsic energy requirement
Detection field, rectangular shaped	≈ 12 x 16 m	- with button for on/off/automatic
Range, frontal	≈ 12 m	- LED application module/insert compatibility display
Range, side	each ≈ 8 m	- with operation and status LED, red/green/orange
Delay time, adjustable	≈ 10 s ... 30 min	- with memory function for presence simulation
Response sensitivity, settable	≈ 10 ... 100 %	- teach function for response brightness via button
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	- with keylock
Short time mode immunity time	200 ms	- party function for switching on for 2 hours
immunity time	≈ 10 s	- step operation with immunity time (e.g. for stair light/impact current circuits)
Operating temperature	-5 ... +45 °C	- μ-processor controlled mode of operation
Assembling height	34 mm	- with anti-dismantling protection

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

Suitable for Inserts      Order no.      Page page 426

Design      Order no.      PU

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

white glossy	<b>8534 12 82</b>	1
polar white glossy	<b>8534 12 89</b>	1
polar white matt	<b>8534 12 88</b>	1
anthracite matt	<b>8534 12 85</b>	1
aluminium, matt, lacquered	<b>8534 12 83</b>	1

**Berker Q.1/Q.3**

white velvety	<b>* 8534 12 22</b>	1
polar white velvety	<b>8534 12 29</b>	1
anthracite velvety, lacquered	<b>8534 12 26</b>	1

**Berker K.1/K.5**

polar white glossy	<b>8534 12 79</b>	1
anthracite matt, lacquered	<b>8534 12 75</b>	1
aluminium, matt, lacquered	<b>8534 12 77</b>	1
stainless steel matt, lacquered	<b>8534 12 73</b>	1

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	<b>8534 12 39</b>	1
black glossy <sup>1)</sup>	<b>8534 12 31</b>	1



<sup>1)</sup> no dismantling protection possible





**IR motion detector comfort 2.2 m**

**i** 468

Nominal mounting height	2.2 m	- low intrinsic energy requirement
Detection field, rectangular shaped	≈ 8 x 12 m	- with button for on/off/automatic
Range, frontal	≈ 8 m	- LED application module/insert compatibility display
Range, side	each ≈ 6 m	- with operation and status LED, red/green/orange
Delay time, adjustable	≈ 10 s ... 30 min	- with memory function for presence simulation
Response sensitivity, settable	≈ 10 ... 100 %	- teach function for response brightness via button
Response brightness, adjustable ≈ 5 ... 1000 lx, ∞ lx (day)		- with keylock
Short time mode	200 ms	- party function for switching on for 2 hours
immunity time	≈ 10 s	- step operation with immunity time (e.g. for stair light/impact current circuits)
Operating temperature	-5 ... +45 °C	- μ-processor controlled mode of operation
Assembling height	34 mm	- with anti-dismantling protection

<b>Suitable for Inserts</b>	<b>Order no.</b>	<b>Page</b> page 426
Design	Order no.	PU

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

white glossy	<b>8534 22 82</b>	1
polar white glossy	<b>8534 22 89</b>	1
polar white matt	<b>8534 22 88</b>	1
anthracite matt	<b>8534 22 85</b>	1
aluminium, matt, lacquered	<b>8534 22 83</b>	1

**Berker Q.1/Q.3**

white velvety	<b>* 8534 22 22</b>	1
polar white velvety	<b>8534 22 29</b>	1
anthracite velvety, lacquered	<b>8534 22 26</b>	1

**Berker K.1/K.5**

polar white glossy	<b>8534 22 79</b>	1
anthracite matt, lacquered	<b>8534 22 75</b>	1
aluminium, matt, lacquered	<b>8534 22 77</b>	1
stainless steel matt, lacquered	<b>8534 22 73</b>	1

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	<b>8534 22 39</b>	1
black glossy <sup>1)</sup>	<b>8534 22 31</b>	1

<sup>1)</sup> no dismantling protection possible



**Motion detector 1.1 m**

**i** 468

Nominal mounting height	1.1 m	- low intrinsic energy requirement
Detection field, rectangular shaped	≈ 12 x 16 m	- with button for on/off/automatic
Range, frontal	≈ 12 m	- LED application module/insert compatibility display
Range, side	each ≈ 8 m	- with operation and status LED, red/green/orange
Delay time	≈ 180 s	- with memory function for presence simulation
Response sensitivity, settable	≈ 10 ... 100 %	- teach function for response brightness via button
Response brightness, adjustable ≈ 5 ... 1000 lx, ∞ lx (day)		- with keylock
Operating temperature	-5 ... +45 °C	- party function for switching on for 2 hours
Assembling height	34 mm	- μ-processor controlled mode of operation
		- with anti-dismantling protection

<b>Suitable for Inserts</b>	<b>Order no.</b>	<b>Page</b> page 426
Design	Order no.	PU

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

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

white glossy	<b>8534 11 82</b>	1
polar white glossy	<b>8534 11 89</b>	1
polar white matt	<b>8534 11 88</b>	1
anthracite matt	<b>8534 11 85</b>	1
aluminium, matt, lacquered	<b>8534 11 83</b>	1





**Berker Q.1/Q.3**

white velvety	★ 8534 11 22	1
polar white velvety	8534 11 29	1
anthracite velvety, lacquered	8534 11 26	1

**Berker K.1/K.5**

polar white glossy	8534 11 79	1
anthracite matt, lacquered	8534 11 75	1
aluminium, matt, lacquered	8534 11 77	1
stainless steel matt, lacquered	8534 11 73	1

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	8534 11 39	1
black glossy <sup>1)</sup>	8534 11 31	1

<sup>1)</sup> no dismantling protection possible



**Motion detector 2.2 m**

Nominal mounting height	2.2 m	- low intrinsic energy requirement
Detection field, rectangular shaped	≈ 8 x 12 m	- with button for on/off/automatic
Range, frontal	≈ 8 m	- LED application module/insert compatibility display
Range, side	each ≈ 6 m	- with operation and status LED, red/green/orange
Delay time	≈ 180 s	- with memory function for presence simulation
Response sensitivity, settable	≈ 10 ... 100 %	- teach function for response brightness via button
Response brightness, adjustable	≈ 5 ... 1000 lx, ∞ lx (day)	- with keylock
Operating temperature	-5 ... +45 °C	- party function for switching on for 2 hours
Assembling height	34 mm	- μ-processor controlled mode of operation
		- with anti-dismantling protection

**i 468**

Suitable for Inserts	Order no.	Page page 426
Design	Order no.	PU

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

white glossy	8534 21 82	1
polar white glossy	8534 21 89	1
polar white matt	8534 21 88	1
anthracite matt	8534 21 85	1
aluminium, matt, lacquered	8534 21 83	1



**Berker Q.1/Q.3**

white velvety	★ 8534 21 22	1
polar white velvety	8534 21 29	1
anthracite velvety, lacquered	8534 21 26	1

**Berker K.1/K.5**

polar white glossy	8534 21 79	1
anthracite matt, lacquered	8534 21 75	1
aluminium, matt, lacquered	8534 21 77	1
stainless steel matt, lacquered	8534 21 73	1

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	8534 21 39	1
black glossy <sup>1)</sup>	8534 21 31	1

<sup>1)</sup> no dismantling protection possible



**Blind control**



**Blind insert comfort**

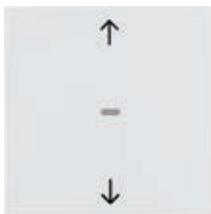
**i** 468

Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- for single, group and master controls
Switching current (ohmic/inductive)	max. 5 A	- with 230 V extension unit inputs for up and down
Switching current at cos φ = 0.6	max. 3 A	- no conductive connection between supporting ring and spreading claws
Change-over time for change of direction	< 0.6 s	- with 2 mechanically and electrically mutually-locked relay contacts
Number of substations	unlimited	- circuiting of extension units push-buttons for blinds, blind inserts, key push-buttons for blinds
Cable length, extensions	max. 50 m	- with screw terminals
Load cable length	max. 100 m	
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm <sup>2</sup>	
Operating temperature	-5 ... +45 °C	
Housing installation depth	22 mm	
Claw guidance installation depth	32 mm	



Design	Order no.	Page
Blind insert comfort	<b>8522 11 00</b>	1

**Blind covers**



**Blind button**

**i** 468

Delay time, adjustable	0 s ... 500 s	- low intrinsic energy requirement
Venetian blind movement time	2 min	- LED application module/insert compatibility display
Change-over time for change of direction	< 0.6 s	- with indicator LED for lock-out protection
Minimum slat adjustment time	≈ 250 ms	- with status LED for memory and party function, red/orange
Operating temperature	-5 ... +45 °C	- memory function for automatic execution of learned up and down times with position

Can be switched to orientation led by extension unit - this function will be available from Q3 2015.

Suitable for	Order no.	Page
Blind insert comfort	8522 11 00	91

Design	Order no.	Page
--------	-----------	------

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

white glossy	<b>8524 11 82</b>	1
polar white glossy	<b>8524 11 89</b>	1
polar white matt	<b>8524 11 88</b>	1
anthracite matt	<b>8524 11 85</b>	1
aluminium, matt, lacquered	<b>8524 11 83</b>	1

**Berker Q.1/Q.3**

white velvety	<b>* 8524 11 22</b>	1
polar white velvety	<b>8524 11 29</b>	1
anthracite velvety, lacquered	<b>8524 11 26</b>	1

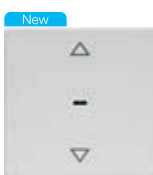
**Berker K.1/K.5**

polar white glossy	<b>8524 11 79</b>	1
anthracite matt, lacquered	<b>8524 11 75</b>	1
aluminium, matt, lacquered	<b>8524 11 77</b>	1
stainless steel matt, lacquered	<b>8524 11 73</b>	1

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	<b>8524 11 39</b>	1
black glossy <sup>1)</sup>	<b>8524 11 31</b>	1

<sup>1)</sup> no dismantling protection possible





**Blind time switch**

**i** 468

- display



Running time	2 min
Number of operation times for up/down	20
Change-over time for change of direction	< 0.6 s
Astronomic time shift	± 2 h
Random number generator	± 15 min
Power reserve	≈ 24 h
Minimum slat adjustment time	≈ 250 ms
Operating temperature	-5 ... +45 °C

- low intrinsic energy requirement
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- 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
- 2 independent preset programme memories, individually adaptable
- 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)
- with anti-dismantling protection

Can be switched to orientation led by extension unit - this function will be available from Q3 2015.

Control using device buttons and programmed switching times.

<b>Suitable for</b>	<b>Order no.</b>	<b>Page</b>
Blind insert comfort	8522 11 00	91

Design

Order no. PU

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

white glossy	<b>8574 11 82</b>	1
polar white glossy	<b>8574 11 89</b>	1
aluminium, matt, lacquered	<b>8574 11 83</b>	1
anthracite matt	<b>8574 11 85</b>	1
polar white matt	<b>8574 11 88</b>	1

**Berker Q.1/Q.3**

white velvety	<b>* 8574 11 22</b>	1
polar white velvety	<b>8574 11 29</b>	1
anthracite velvety, lacquered	<b>8574 11 26</b>	1

**Berker K.1/K.5**

polar white glossy	<b>8574 11 79</b>	1
anthracite matt, lacquered	<b>8574 11 75</b>	1
aluminium, matt, lacquered	<b>8574 11 77</b>	1
stainless steel matt, lacquered	<b>8574 11 73</b>	1

**Berker R.1/R.3**

polar white glossy <sup>1)</sup>	<b>8574 11 39</b>	1
black glossy <sup>1)</sup>	<b>8574 11 31</b>	1

<sup>1)</sup>no dismantling protection possible



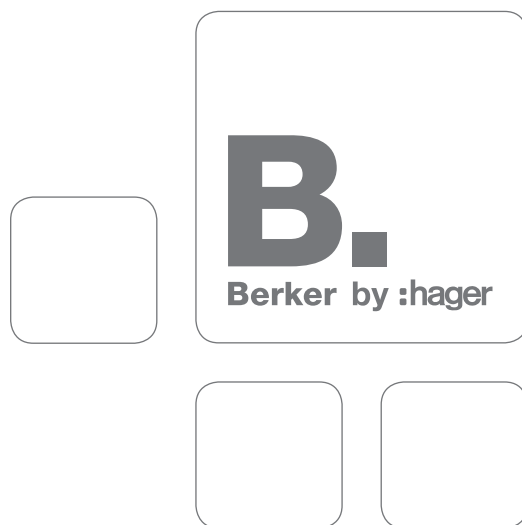


# Security and safety systems

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.



Flush-mounted safety devices	436
Detectors/sensors	438
Alarm units	439
Activating devices	441
Supplementary products	442
Smoke detectors	443



## Flush-mounted safety devices

### SCHUKO socket outlets with safety device



#### SCHUKO socket outlet with overvoltage protection

**i** 476

- 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
Insertion depth	32 mm

Labelling field height arranged for P-touch strips 6 mm.

Overvoltage protection according to EN 61643 and VDE 0675-6-11

Connection terminals according to IEC 60884-1

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
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
red glossy	4108 89 62	1
red matt	4108 19 62	1
<b>Berker Q.1/Q.3</b>		
polar white velvety	4108 60 89	1
anthracite velvety, lacquered	4108 60 86	1
red velvety	4108 60 62	1
<b>Berker K.1/K.5</b>		
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
red glossy	4152 71 15	1
<b>Berker Arsys</b>		
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 outlet with residual current circuit-breaker**

**i** 475

- enhanced contact protection



Rated voltage	250 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 20 AgL)	3 kA
Surge current resistance	250 A (8/20) μs

- to protect connected and downstream loads
- type A for alternating currents and pulsating direct currents
- with spreader claws
- with plug-in terminals

Through-wired socket outlets are also protected.

For use in old installations with provision made to safeguard existing standards without additional protective regulations

Connection terminals according to IEC 60884-1

Tested conform VDE 0664 (EN 61008)

Design	Order no.	PU
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**Berker S.1/B.3/B.7**

white glossy	<b>4708 89 82</b>	1
polar white glossy	<b>4708 89 89</b>	1
polar white matt	<b>4708 19 09</b>	1

**Berker Q.1/Q.3**

white velvety	<b>* 4708 60 82</b>	1
polar white velvety	<b>4708 60 89</b>	1
anthracite velvety, lacquered	<b>4708 60 86</b>	1

**Berker K.1/K.5**

polar white glossy	<b>4708 70 09</b>	1
anthracite matt, lacquered	<b>4708 70 06</b>	1
aluminium matt, lacquered	<b>4708 70 03</b>	1
stainless steel matt, lacquered	<b>4708 70 04</b>	1



New



**Residual current circuit-breakers**



**Residual current circuit-breaker**

**i** 475

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 VDE 0664 (EN 61008)

Suitable for use according to DIN VDE 0100-410

Design	Order no.	PU
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Residual current circuit-breaker	<b>2844</b>	1
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New



**50 x 50 mm centre plate for RCD protection switch**

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

Suitable for  
Adapter ring for centre plate 50 x 50 mm

Order no.

Page  
page 438

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



**Adapter ring for centre plate 50 x 50 mm**

Caution!  
Not suitable for Berker central plates.  
For centre plate according to DIN 49075

- for centre plate of third-party manufacturers with external dimension 50 x 50 mm

Design	Order no.	PU
<b>Berker S.1/B.3/B.7</b>		
white glossy	<b>1109 90 82</b>	10
polar white glossy	<b>1109 90 89</b>	10
polar white matt	<b>1109 19 19</b>	10
anthracite matt	<b>1109 16 16</b>	10
aluminium matt, lacquered	<b>1109 14 14</b>	10
<b>Berker Q.1/Q.3</b>		
white velvety	<b>* 1109 60 72</b>	10
polar white velvety	<b>1109 60 79</b>	10
anthracite velvety, lacquered	<b>1109 60 76</b>	10
<b>Berker K.1/K.5</b>		
polar white glossy	<b>1108 71 09</b>	10
anthracite matt, lacquered	<b>1108 71 06</b>	10
aluminium matt, lacquered	<b>1108 71 03</b>	10
stainless steel matt, lacquered	<b>1108 71 04</b>	10
<b>Berker Arsys</b>		
white glossy	<b># 1108 01 02</b>	10
polar white glossy	<b># 1108 01 69</b>	10
brown glossy	<b># 1108 01 01</b>	10
light bronze matt, lacquered	<b># 1108 91 11</b>	10
stainless steel matt, lacquered	<b># 1108 91 04</b>	10

New



**Detectors/sensors**

- Direct connection to alarm central unit
- Connection to KNX alarm central unit via universal interface

**Magnetic contacts**



**Magnetic contact**

Switching voltage	max. 40 V=	- built-on/built-in
Switching current	500 mA	- pre-assembled, with cable
Breaking capacity	max. 10 W	- in the isolated state the contact is open
Line length	3 m	
Dimensions sensor (L x W x H)	44 x 15 x 15 mm	

To monitor window and door opening.

Design	Order no.	PU
polar white glossy	<b>9251 02</b>	1
brown glossy	<b>9251 01</b>	1





**Gate contact**

Switching voltage  
Switching current  
Line length

max. 20 V=  
max. 500 mA  
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

Design	Order no.	PU
Gate contact	<b>9252</b>	1

**Glass breakage sensors**



**Glass breakage sensor**

Switching voltage  
Switching current  
Transition resistance, idle state  
Transition resistance, alarm state  
Opening time according to glass type  
Line length

max. 18 V=  
max. 10 mA  
max. 30 Ω  
min. 1 MΩ  
0.5 ... 5 s  
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

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	<b>9253 02</b>	1
brown glossy	<b>9253 01</b>	1

**Motion detectors**



**Motion detector 90° surface-mounted**

Operating voltage  
Recommended installation height  
Range  
Detection angle  
Dimensions (W x H x D)

12 V=  
≈ 2.3 m  
≈ 15 m  
90 °  
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



Design	Order no.	PU
polar white glossy	<b>9155</b>	1

**Alarm units**

**Sirens**



**External siren with flashlight**

Operating voltage  
Current consumption  
Current consumption, flashing light  
Current consumption, siren  
Lightning energy  
Alarm duration, flashing light  
Alarm duration, siren (until deactivated)  
Acoustic pressure at a distance of 1 m  
Conductor cross-section  
Operating temperature  
Dimensions (W x H x D)

12 V=  
max. 600 mA  
300 mA  
300 mA  
6.7 Ws  
until deactivated  
max. 3 min  
108 dB  
max. 2.5 mm<sup>2</sup>  
-20 ... +50 °C  
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



Design	Order no.	PU
polar white matt	<b>9051 50</b>	1



**Indoor siren**

Operating voltage	9 ... 14 V=	- for connection to alarm central unit and KNX alarm central unit
Rated current at 12 V=	140 mA	- with sabotage protection by contact in cover
Acoustic pressure at a distance of 1 m	110 dB	- with loud piezo signal generator, dual tone
Settable signal frequency	2800 ... 3100 Hz	- with fitting material
Switch-on time (ED)	100 %	- with break-out cable entry at top/bottom and backside
Operating temperature	-20 ... +60 °C	- with screw terminals
Dimensions (W x H x D)	145 x 95 x 30 mm	

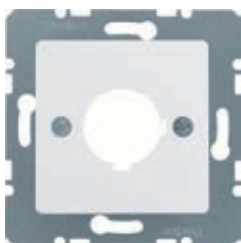
The indoor siren serves firstly to alarm the residents, for example when there is a smoke alarm. Secondly, the loud acoustic signal scares away criminals.

The indoor siren can be operated together with the external siren on the alarm central unit.



Design	Order no.	PU
polar white	<b>9050</b>	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

<b>Manufacturer product line</b>	<b>Art. No.</b>
<b>Signalling and command units</b>	
Kraus-Naimer	
Lumitas	
Schlegel	
<b>Overvoltage protection devices</b>	
Dehn	
OBO-Bettermann	

Design	Order no.	PU
<b>Berker S.1/B.3/B.7, Q.1/Q.3, K.1/K.5 - stainless steel, Arsys</b>		
white glossy	<b>1432 02</b>	10
polar white glossy	<b>1432 09</b>	10
polar white matt/velvety	<b>1432 19 09</b>	10
yellow glossy	<b>1432 07</b>	10
aluminium matt, lacquered	<b>1432 14 04</b>	10
anthracite matt	<b>1432 16 06</b>	10
stainless steel matt, lacquered	<b>1432 04</b>	10
<b>Berker K.5 - Aluminium</b>		
aluminium matt, lacquered	<b>1432 70 03</b>	10
<b>Berker R.1/R.3</b>		
polar white glossy	<b>1432 20 89</b>	10
black glossy	<b>1432 20 45</b>	10
yellow glossy	<b>1432 20 06</b>	10



## Activating devices

### Key switches

– Connection to KNX alarm central unit via universal interface



#### Key switch flush-mounted

Operating voltage	12 V=	– to connect to alarm central unit
Current consumption per LED	max. 5 mA	– with 2 LEDs for free activation, orange and green
Buzzer current consumption	6 mA	– with protection against drilling and ceiling contact to prevent sabotage
Switching current	500 mA	– powder-coated aluminium front plate
Acoustic pressure of buzzer at a distance of 30 cm	70 dB (A)	– with acknowledgement buzzer
Operating temperature	-20 ... +60 °C	– with two-hole screws as dismantling protection and screwdriver
Dimensions, flush-mounted housing (W x H x D)	79 x 113 x 53.5 mm	– with screw terminals

Front plate dimensions (W x H x D) 101 x 135 x mm

Suitable for  
Lock cylinder

Order no.

Page  
page 441

Recommendation: use identical closing to that of the master key system.



Design	Order no.	PU
polar white glossy	<b>9103 01</b>	1



#### Key switch surface-mounted

Operating voltage	12 V=	– to connect to alarm central unit
Current consumption per LED	max. 5 mA	– with 2 LEDs for free activation, orange and green
Buzzer current consumption	6 mA	– with protection against drilling and ceiling contact to prevent sabotage
Switching current at 60 V=	max. 500 mA	– powder-coated aluminium front plate
Acoustic pressure of buzzer at a distance of 30 cm	70 dB (A)	– with acknowledgement buzzer
Operating temperature	-20 ... +60 °C	– with two-hole screws as dismantling protection and screwdriver
Dimensions (W x H x D)	79.5 x 113.5 x 54 mm	– with screw terminals

Recommendation: use identical closing to that of the master key system.

Suitable for  
Lock cylinder

Order no.

Page  
page 441



Design	Order no.	PU
polar white glossy	<b>9103 12</b>	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
- with 3 keys

Design	Order no.	PU
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#### with differing closures

with differing closures	<b>1818</b>	1
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#### with same closures

with same closures	<b>1818 01</b>	1
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### Compulsory activating device



#### Electromechanical blocking element

Operating voltage	7 ... 15 V=	- for activation with static or dynamic signals
Current consumption (idle)	≈ 40 mA	- with integral magnet contact
Current consumption (closing)	≈ 60 mA	- to build into the door frame
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	

In conjunction with the bolt switching contact, prevents access to an area that has been armed.



Design	Order no.	PU
Electromechanical blocking element	<b>9108</b>	1



#### Bolt switch contact

Switching voltage	max. 30 V=	- with switch lever extension
Switching current	max. 100 mA	- is operated by lock bolt
Line length	≈ 2 m	- to build into the lock plate on the door frame
Dimensions (W x H x D)	11 x 40 x 22 mm	



Design	Order no.	PU
Bolt switch contact	<b>9107</b>	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	<b>9254</b>	1



#### Distribution terminal surface-mounted

Rated voltage	12 V=	- with sabotage protection by contact in cover
Dimensions (W x H x D)	36 x 132 x 34 mm	- with 8pole through-contacted circuit board
		- with fitting material
		- with solder connection



Design	Order no.	PU
polar white matt	<b>9259</b>	1

**Smoke detectors/heat detectors**

New



**Smoke detector VdS Q**

Operating voltage	6 V=
Acoustic pressure at a distance of 3 m	85 dB (A)
Acoustic pressure of test and fault signal at a distance of 3 m	75 dB (A)
Monitoring area	max. 50 m <sup>2</sup>
Recommended installation height	≈ 2.5 m
Installation height	max. 12 m
Operating temperature	+0 ... +55 °C
Battery service life [years]	min. 10
Weight	≈ 210 g
Dimensions (Ø x assembling height)	127 x 49 mm

- works on stray light principle (Tyndall effect) with no radioactive compounds
- certified with Q-Label
- with button for manual function test
- with button for manual deactivation for 12 minutes
- with red alarm and operation LED
- with integrated lithium block battery 6 V (non-exchangeable)
- automatic battery test with visual and audible message, min. 30 days prior to due replacement of the device
- not dependent on mains power
- contamination and fault display
- automatic self-test function
- loud warning tone in case of alarm
- with optional dismantling protection
- screw fastening to size 60 and 85 wall box possible
- for wall and ceiling mounting

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

Design	Order no.	PU
<b>Individual unit</b>		
polar white matt	<b>* T G522 A2</b>	1
<b>Set with 3 smoke detectors</b>		
polar white matt	<b>* T G523 AL</b>	1
<b>Set consisting of 36 smoke detectors</b>		
polar white matt	<b>* TG52 5A</b>	1

New



New



New



**Radio smoke detector comfort VdS Q, with IR alarm switch off**

Operating voltage	6 V=
Acoustic pressure at a distance of 3 m	85 dB (A)
Sound pressure of test and fault signal at a distance of 1 m	75 dB (A)
Monitoring area	max. 50 m <sup>2</sup>
Recommended installation height	≈ 2.5 m
Installation height	max. 12 m
Operating temperature	-10 ... +55 °C
Battery service life [years]	min. 10
Weight	≈ 255 g
Dimensions (Ø x assembling height)	116 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

Approval for private spaces or residential-like spaces according to DIN 14676

- works on stray light principle (Tyndall effect) with no radioactive compounds
- certified with Q-Label
- with configuration button for teach-in of detector, for testing of range of radio signals, for activation of repeater functions or for carrying out a reset
- with button for manual function test
- with button for manual deactivation for 15 minutes
- with red alarm/programming LED and yellow operation LED
- with white LED as emergency lighting
- automatic battery test with visual and audible message, min. 30 days prior to due replacement of the device
- with 2 integrated, encapsulated lithium batteries (not exchangeable)
- not dependent on mains power
- contamination and fault display
- automatic self-test function
- loud warning tone in case of alarm
- up to 40 detectors can be networked with each other via radio
- programmable as repeater (1 repeater per radio network)
- patented alarm stop: selective switch off of alarm also via IR remote control (regardless of manufacturer) possible, e.g. of a TV or hi-fi device
- with optional dismantling protection
- screw fastening to size 60 and 85 wall box possible
- for wall and ceiling mounting

Design

Order no.

PU

**Individual unit**

polar white

★ **TG55 0A**

**Set with 3 smoke detectors**

polar white

★ **TG55 3A**

New



New



**Radio dual detector comfort VdS Q, with IR alarm switch off**

Operating voltage	6 V=
Acoustic pressure at a distance of 3 m	85 dB (A)
Sound pressure of test and fault signal at a distance of 1 m	75 dB (A)
Monitoring area	max. 50 m <sup>2</sup>
Recommended installation height	≈ 2.5 m
Installation height	max. 12 m
Operating temperature	-10 ... +55 °C
Battery service life [years]	min. 10
Weight	≈ 255 g
Dimensions (Ø x assembling height)	116 x 49 mm

The dual detector is a combined device for smoke detection and heat detection:

As a smoke detector, it is used for early detection of smouldering fires and open fires producing smoke in closed living quarters such as flats and residential houses.

As a heat detector, it detects critical increases in temperature in areas in which it would not be appropriate to use a smoke detector (e.g. kitchens, bathrooms, or areas with high dust content such as garages and workshops).

**Caution!**

When removing protective cover to deactivate smoke detector function, the device loses its CE conformity according to EN 14604:2005 permanently as well as its VdS Q approval.

Approval according to DIN EN 14604

Approval for private spaces or residential-like spaces according to DIN 14676

Heat detection according to DIN EN 54-5

- can also be used solely as a heat detector (smoke detection can be deactivated using the sealed microswitches on the device, see instructions)
- smoke detection works on stray light principle (Tyndall effect) with no radioactive compounds
- heat detection works on temperature increase principle (differential thermal analysis)
- certified with Q-Label
- with configuration button for teach-in of detector, for testing of range of radio signals, for activation of repeater functions or for carrying out a reset
- with button for manual function test
- with button for manual deactivation for 15 minutes
- with red alarm/programming LED and yellow operation LED
- with white LED as emergency lighting
- automatic battery test with visual and audible message, min. 30 days prior to due replacement of the device
- with 2 integrated, encapsulated lithium batteries (not exchangeable)
- not dependent on mains power
- contamination and fault display
- automatic self-test function
- loud warning tone in case of alarm
- up to 40 detectors can be networked with each other via radio
- programmable as repeater (1 repeater per radio network)
- patented alarm stop: selective switch off of alarm also via IR remote control (regardless of manufacturer) possible, e.g. of a TV or hi-fi device
- with optional dismantling protection
- screw fastening to size 60 and 85 wall box possible
- for wall and ceiling mounting

Design	Order no.	PU
polar white	<b>* T G551 A2</b>	1



For surfaces made from plastic, metal or glass

Clean by wiping the surfaces with a moist, soft, lint-free cloth.

In the case of heavy dirt we recommend using a diluted household cleaning agent containing soap.

Open-pored surfaces made from natural materials are sensitive to grease and dirt. They are to be cleaned with a dry, lint-free cloth only.

Applies to all surfaces:

Abrasives and polishes, acid-based (scale removing) detergents and detergents containing chlorine will generally damage all surfaces. Moreover, painted/lacquered surfaces must not come in contact with detergents that contain alcohol.

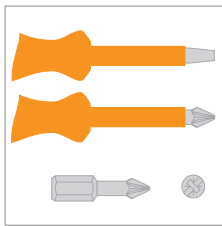




Tool sizes/Switch lighting	i448	SCHUKO socket outlet with residual current circuit breaker	i475
Switches	i449	Overvoltage protection	i476
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Push-button/Relay switch for hotel card	i458		
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Data communication/telecommunications	i461		
Antenna technology	i463		
Audio/Video technology	i466		
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Berker.Net - Cutoff relay	i473		
Socket outlets	i474		

## Installation instructions

### Tool size for processing BERKER products



The products have combination screws that can be processed with cross-head as well as flat-blade screwdrivers.

Tool sizes for contact screws:

- Cross-head bits: Pozi-Drive, size 2
- Cross-head screwdrivers: Pozi-Drive size 2
- Slot screwdrivers - Blade thickness 1 mm

Tool sizes for fixing screws:

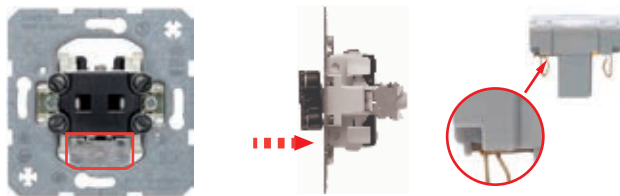
- Cross-head bits - Pozi-Drive, size 1
- Cross-head screwdrivers - Pozi-Drive size 1
- Slot screwdrivers - Blade thickness 0.8 mm

**i** When using cordless screwdrivers a maximum torque of 0.5 Nm should be used.

## Lighting of switches and push-buttons

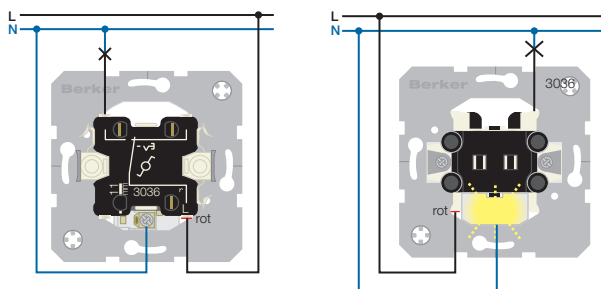
The Work Place Regulation (ArbStättV) stipulates that light switches must be easily accessible and luminous. The switches and buttons of BERKER can be fitted with neon or incandescent lamp units (in the case of splash-protected surface-mounted devices, the lighting cannot always be retrofitted).

### Neon lamp unit with N terminal [Order no. 1675..]

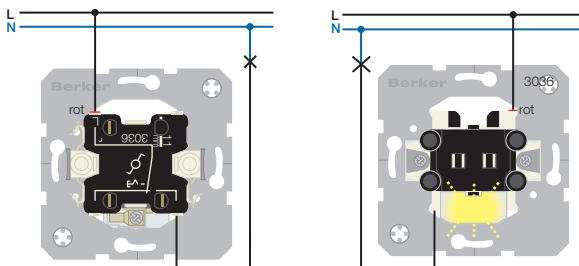


**Figure 1:** The neon lamp unit (without removing the switch) can be inserted or replaced from the front. Depending on the application, the contact reed (s. figure on the right) must be removed

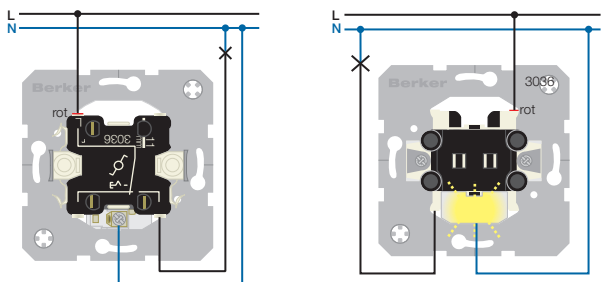
### Applications



**Figure 2:** Constantly illuminated, switch-off with change-over switch (remove contact reed on the neon lamp unit)



**Figure 3:** Illuminates when OFF, switch-off with change-over switch



**Figure 4:** Illuminates when ON, switch-off with change-over switch (remove contact reed on the neon lamp unit)

**i** LED neon lamp units and neon lamps connected in parallel to the switching contact cause the contact opening to be fallen short of.

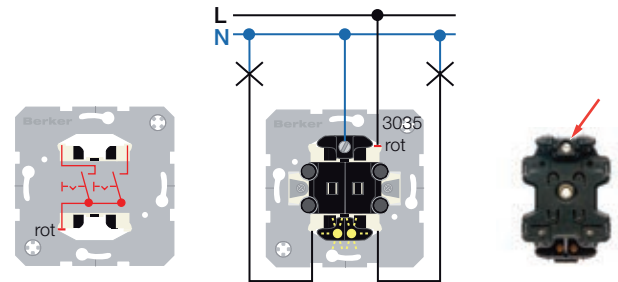
### LED unit with N terminal for series switch [Order no. 1680]

The LED unit with N terminal is available for lighting series switches in the standard and surface ranges from Berker. As a control switch, it displays the switched on loads per series.

### Series control switch [Order no. 3035/303550 + 1680]



**Figure 5:** The LED unit has contact springs (s. figure in the middle), which ensure simple snapping-on from behind



**Figure 6:** Series monitoring circuit (unit lights up per series when "On"), N terminal (s. figure on the right)

## Switches

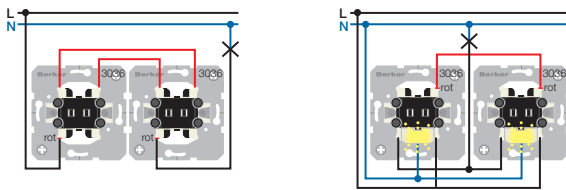
**A** When connecting energy-saving lamps and electronic upstream devices (EB), the high switch-on currents must be observed. Check the suitability of the devices before use. Use making current limiters if necessary.

Switches	10 AX		16 AX	
	40 W	65 W	40 W	65 W
Uncompensated $\cos \varphi \approx 0.5$	23	15	33	21
Compensated $\cos \varphi = 0.8$	29	18	46	28
Compensated $\cos \varphi \approx 1$	34	22	51	33
Lead-lag circuit	38	28	57	42
Parallel compensation	8	5	12	7

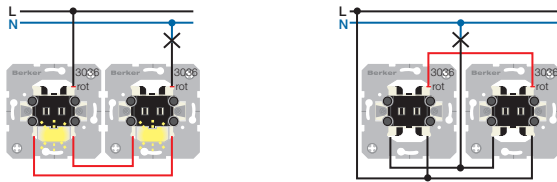
**Table 1:** Maximum number of fluorescent lamps to be switched

### Change-over switches

3036, 3036 50 Change-over switch  
3966 Pullcord switch off/change-over  
e.g. 1675 Neon lamp unit with N terminal



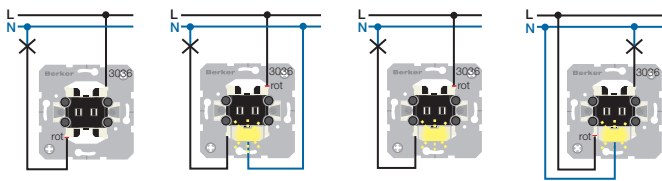
**Figure 1:** Change-over circuit / Control change-over switching\*: neon lamp unit lights up if "On"



**Figure 2:** Change-over switching lights up: Neon lamp unit lights up if "Off" / economy change-over circuit: Phase and lamp wire are in each switch wall box

### Switch off operations 1pole with change-over switch

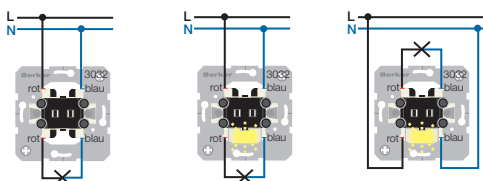
3036, 3036 50 Change-over switch  
3966 Pullcord switch off/change-over  
e.g. 1675 Neon lamp unit with N terminal



**Figure 3:** Switch-off / control switch-off\*: Neon lamp unit lights up if "On" / Switch-off lights up: Neon lamp unit lights up if "Off" / Switch off : Constantly illuminated\*

### Switch off operations 2pole, 10 AX

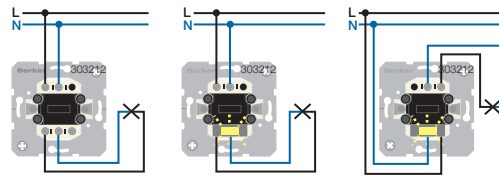
3032 On/off switch 2pole  
e.g. 1675 Neon lamp unit



**Figure 4:** Switch-off 2pole / control switch-off 2pole: Neon lamp unit lights up if "On" / Switch off 2pole: Constantly illuminated

### Switch off operations 2pole, 16 AX

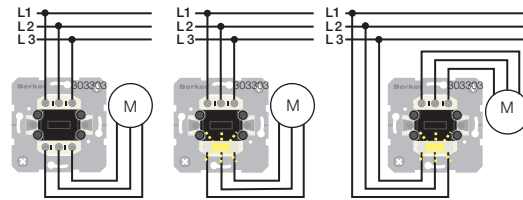
3032 12 On/off switch 2pole  
1600 02 Neon lamp unit for switches/  
push-buttons



**Figure 5:** Switch-off 2pole / control switch-off 2pole: Neon lamp unit lights up if "On" / Switch off 2pole: Constantly illuminated

### Switch off operations 3pole

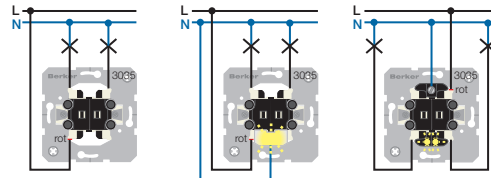
3033 03 On/off switch 3pole  
1600 Neon lamp unit for on/off switch  
3pole



**Figure 6:** Switch-off 3pole / control switch-off 3pole: Neon lamp unit lights up if "On" / Switch off 3pole: Constantly illuminated

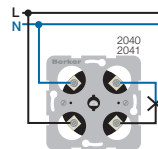
### Connections in series

3035, 3035 50 Series switch  
1680 LED unit with N terminal  
e.g. 1675 Neon lamp unit



**Figure 7:** Connection in series / Control connection in series: LED unit lights up per series if "On" / connection in series: Constantly illuminated\*

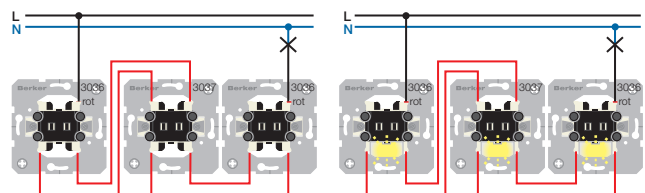
### Mechanical timer [Order no. 2040, 2041]



**Figure 8:** Off switching 2pole

### Intermediate switching operations

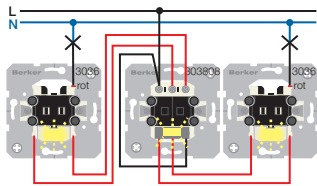
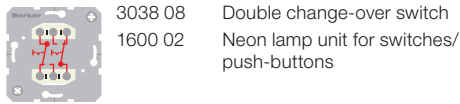
3037 Intermediate switch  
1675 Neon lamp unit with N terminal



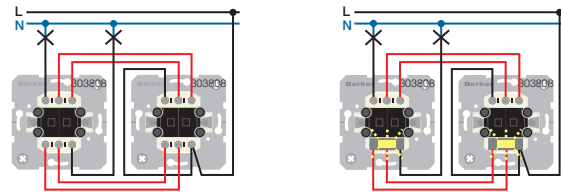
**Figure 9:** Intermediate switching / Intermediate switching lights up: Neon lamp unit lights up if "Off"

\* Remove detachable contact reed on the neon lamp unit

## Applications with double change-over switch



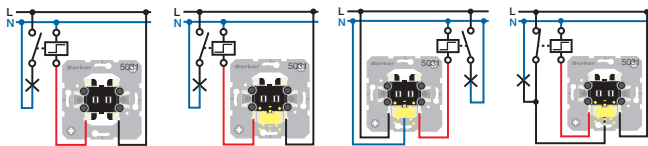
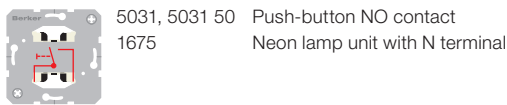
**Figure 1:** Change-over switching with double change-over switch: Neon lamp unit on the double change-over switch lights up if the right switch is "Off"



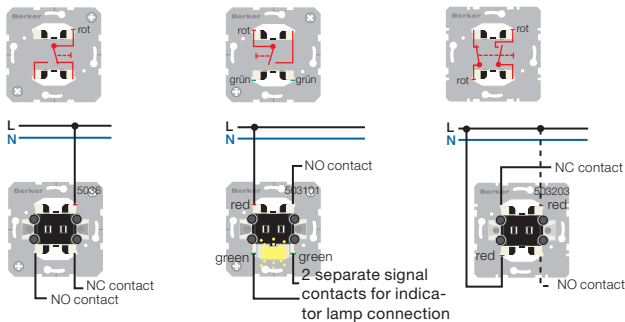
**Figure 2:** Double change-over switch / Double change-over switch lights up: Neon lamp unit lights up if left switch is "Off"

## PUSH-BUTTONS

### Applications push-button

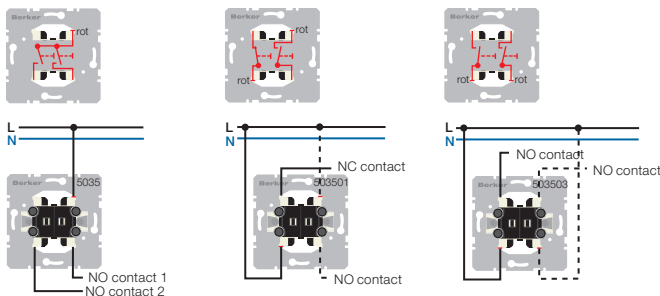


**Figure 1:** Push-button, NO contact / push-button lights up: Only a limited number of push-buttons are to be switched in parallel or the neutral conductor must be provided / push-button constantly illuminated\*: any number of push-buttons switchable in parallel, the neutral conductor must be included / monitoring circuit\*



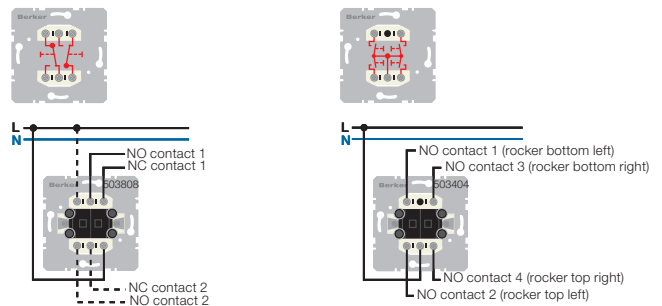
**Figure 2:** Push-button, change-over contact [Order no. 5036] / push-button, NO contact with 2 separate signalling contacts [Order no. 5031 01] / push-button, NC contact + NO contact, isolated input terminal [Order no. 5032 03]

### Applications series push-button



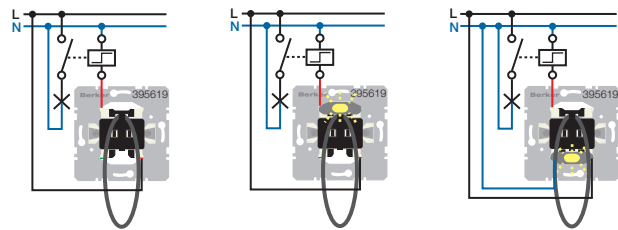
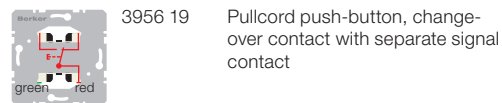
**Figure 3:** Series push-button, 2 NO contacts, common input terminal [Order no. 5035] / series push-button, NC contact + NO contact isolated input terminals [Order no. 5035 01] / series push-button, 2 NO contacts, isolated input terminals [Order no. 5035 03]

\* Remove detachable contact reed on the neon lamp unit

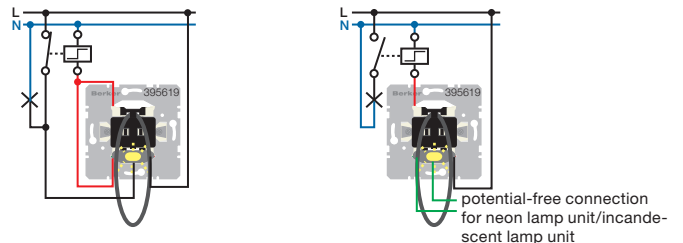


**Figure 4:** Series push-button, 2 change-over contacts, isolated input terminals [Order no. 5038 08] / Group series push-button, 4 contacts, common input terminal [Order no. 5034 04]

### Applications pullcord push-button



**Figure 5:** Pullcord push-button, change-over contact / pullcord push-button illuminated: Only a limited number of push-buttons are to be switched in parallel or the neutral conductor must be included / pullcord push-button constantly illuminated: Any number of push-buttons switchable in parallel, the neutral conductor must be included



**Figure 6:** Control pullcord push-button\*, change-over contact / control pullcord push-button\*, change-over contact with separate signal contact

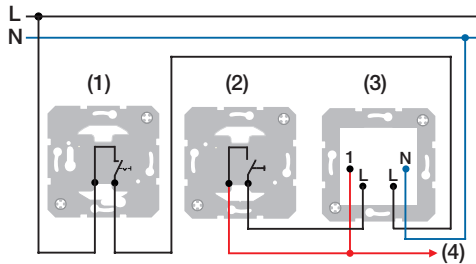
\* Remove detachable contact reed on the neon lamp unit 1605 10

## LED signal light

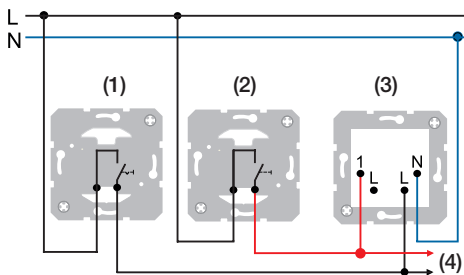
The LED signal light is used for signalling e.g. notices, information, messages or warnings. The operation is performed via a separate push-button or switch. Installation is possible in switch combinations or individual.

### LED signal light, RGB [Order no. 2951 ..]

The colour is switchable via an external push-button. Foils with imprinted symbols must be inserted depending on the application and define its specific function. Light colours cold white, warm white, blue, orange, red, green, purple (magenta) and colour sequence can be adjusted via a push-button. With each press of the push-button, the colour sequence is switched by one colour state. The colour sequence can be stopped at any position via the push-button. The brightness can be adjusted via a potentiometer.



**Figure 1:** Connection example of colour switching via outer conductor, looped



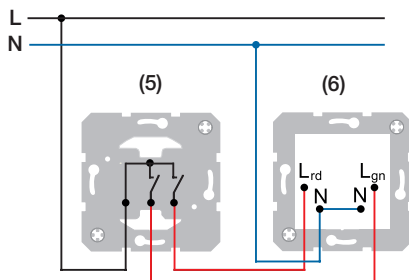
**Figure 2:** Connection example of colour switching via outer conductor, not looped

- 1 Off/changeover switch
- 2 Push-button
- 3 Insert of LED signal light, RGB
- 4 Connection possibility of additional LED signal lights, RGB

### LED signal light, red/green lighting [Order no. 2952 ..]

Two-coloured signal light, e.g. for access control. Switchable between red and green via separate switches. The supplied foil bi-colour with imprinted symbols for Do not disturb / Make up room and Enter/ Wait are positioned under the cover.

**i** Instead of the series switch (5) that should switch both colours separately, a change-over switch that merely enables a change-over of both colours can also be used

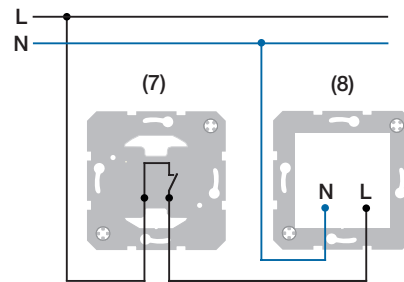


**Figure 3:** Connection example of LED signal light, red/green lighting

- 5 Series switch
- 6 Insert of LED signal light, red/green lighting, N terminals bridged

### LED signal light, white lighting [Order no. 2953 ..]

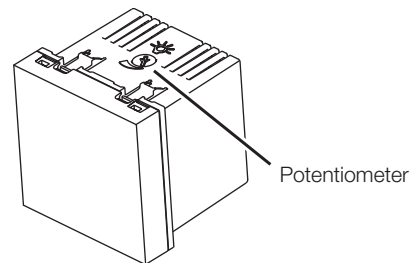
Can be switched on/off via a separate switch. Foils with imprinted symbols insertable. Light colour cold white. The brightness can be adjusted via a potentiometer.



**Figure 4:** Connection example of LED signal light, white lighting

- 7 Off/changeover switch
- 8 Insert of LED signal light, white lighting

#### Brightness setting



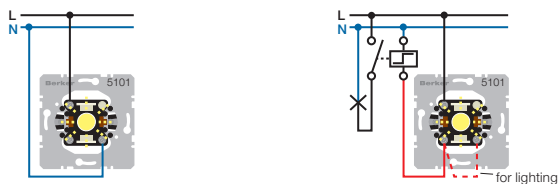
**Figure 5:** Brightness setting of LED signal light, RGB and LED signal light, white lighting

#### Technical data

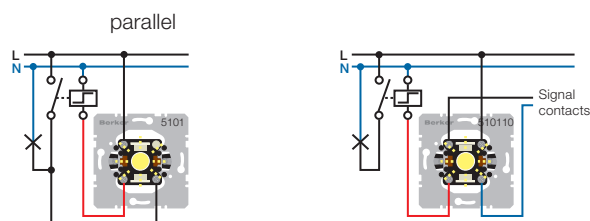
LED signal light	
Rated voltage	230 V~
Mains frequency	50 Hz
Number of LEDs	4
Connection single stranded	2.5 mm <sup>2</sup>
Operating temperature	-15 ... 40 °C
LED signal light [Order no. 2951 ..]	
Power consumption	max. 2 W at 195 ... 265 V~, 50/60 Hz
Power factor	approx. 0.9
LED signal light [Order no. 2952 ..]	
Power consumption	per colour max. 0.5 W at 230 V~, 50 Hz
LED signal light [Order no. 2953 ..]	
Power consumption	max. 1 W at 230 V~, 50 Hz
Power factor	approx. 0.17

## Push-button/pilot lamp E10 [Order no. 5101..]

### Applications



**Figure 1:** Pilot lamp E10  
Push-button illuminated, when using neon lamps only  
a limited number of push-buttons are to be switched in



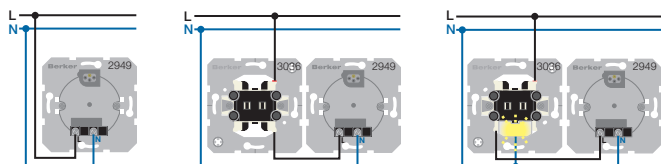
**Figure 2:** Control push-button  
Push-button with separate signalling contacts, e.g. for connecting an indicator lamp

## Info pilot lamp [Order no. 2949]

The info pilot lamp is used e. g. in waiting rooms, outside conference rooms and treatment rooms. The pilot lamp is illuminated uniformly and clearly visible even from the side.

One of the labelled EVA films supplied can be positioned above or below the milky EVA film installed in the factory - depending on whether or not the labelling should be visible permanently or only when the pilot lamp is on.

If wired with an additional control switch, a switched-on pilot lamp is also displayed at another location via the neon lamp unit.

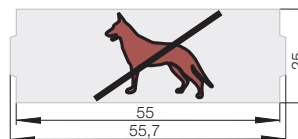


**Figure 1:** Constant lighting / switch-off / monitoring circuit\* - neon lamp unit lights up when pilot lamp is switched on

\* Remove detachable contact reed on the neon lamp unit

## In-house creation of text and symbol signs

It is possible to create text and/or symbol signs with a PC and appropriate software. The in-house created template, in colour or black/white, can be printed on transparent film using an inkjet or laser printer.



**Figure 2:** Dimensions of text and symbol signs

### Technical data

Info pilot lamp and cover	Order no. 2949 and 1345 ..
Rated voltage	230 V~, 50/60 Hz
Rated current	approx. 25 mA
LED output	approx. 800 mW
Operating cycles	any
Service life	25,000 h
Light colour	white
Operating temperature	10 ... 30 °C
Degree of protection	IP20
Screw terminals	max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

## Operating conditions for electronic switches, dimmers and speed controllers

Specification of the rated load capacity when installing as a single device at:

- Ambient temperature up to 25° C
- Wall box in solid stone wall

**i** When connecting transformers, the nominal load of the transformer is always assumed not just the nominal load of the connected lamps.

**i** The maximum connected load must be reduced according to the installation conditions (see table).

### Varying conditions:

minus 10 %	- per 5° C above 25° C - external devices in multiple combinations
minus 15 %	in wood or plasterboard wall
minus 20 %	internal devices in multiple combinations

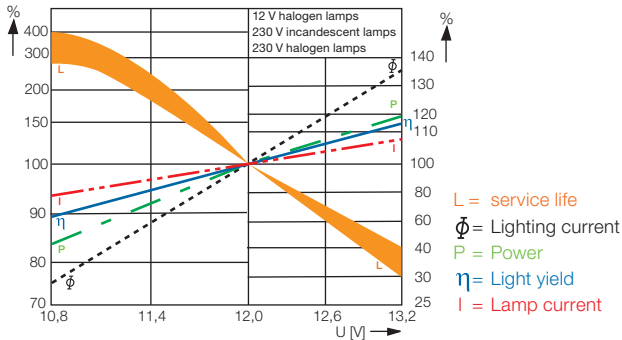
**Tab. 1:** Reduction of the rated load capacity under varying installation conditions



## 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 lamps 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).

## Bulb life depending on operating voltage



5 % lower voltage corresponds to 200 % service life

## Identification

Identifiers for dimmers and electronic switches (with semiconductor switching element) to DIN EN 60669-1/A2 and VDE 0632 part 1/A2.

Identifiers for switchgear with relays with micro-contact opening width to DIN EN 60669-1/A2 and VDE 0632 part 1/A2

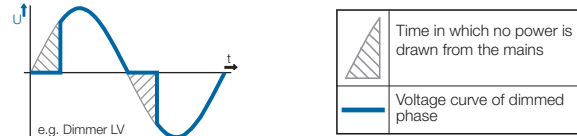
When using third-party transformers in conjunction with Berker Tronic dimmers and universal dimmers, malfunctions may occur because the components are not optimally attuned to each other.

## Universal dimmer

Universal dimmers detect the load type during commissioning and automatically set the correct dimming principle.

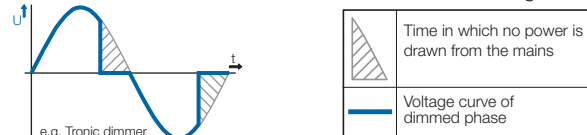
## Dimming principles:

- Phase cut-on dimmer for brightness control of 230 V incandescent/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 dimming 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 12 V halogen lamps with Tronic transformers, 230 V incandescent and halogen lamps

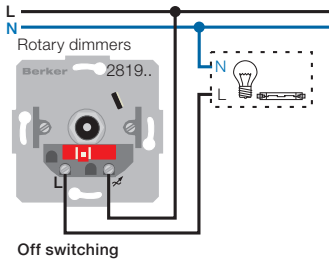


The Tronic dimmer is activated when the sine half-wave passes through zero and deactivated again after the time set by the dimming. At the next sine wave zero the Tronic dimmer releases the current flow again. This process is repeated with each sine half-wave - that is, 100 times per second (50 Hz). 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

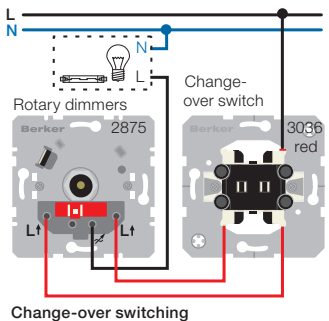
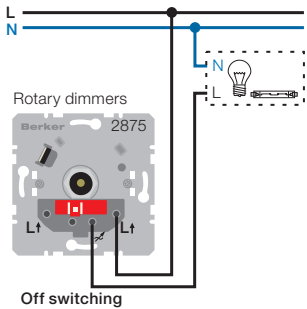
Dimmer type:	Standard phase cut-on dimmers	Low voltage phase cut-on dimmers	Phase cut-off dimmers	Universal dimmer	Speed controller
Load type:					
Standard 230 V incandescent lamps	R matches > <b>OK</b> Combination can be used!	R matches > <b>OK</b> Combination can be used!	R matches > <b>OK</b> Combination can be used!	R matches > <b>OK</b> Combination can be used!	No Match > Combination unsuitable
230 V halogen and incandescent lamps	R matches > <b>OK</b> Combination can be used!	R matches > <b>OK</b> Combination can be used!	R matches > <b>OK</b> Combination can be used!	R matches > <b>OK</b> Combination can be used!	No Match > Combination unsuitable
12 V halogen lamps with conventional dimmable transformer	No Match > Combination unsuitable	L matches > <b>OK</b> Combination can be used!	No Match > Combination unsuitable	L matches > <b>OK</b> Combination can be used!	No Match > Combination unsuitable
12 V halogen lamps with electronic transformer with capacitive characteristics	No Match > Combination unsuitable	No Match > Combination unsuitable	C matches > <b>OK</b> Combination can be used!	C matches > <b>OK</b> Combination can be used!	No Match > Combination unsuitable
12 V halogen lamps with electronic transformer with inductive characteristic	No Match > Combination unsuitable	L matches > <b>OK</b> Combination can be used!	No Match > Combination unsuitable	L matches > <b>OK</b> Combination can be used!	No Match > Combination unsuitable
12 V halogen lamps with electronic transformer with inductive or capacitive characteristics	No Match > Combination unsuitable	L matches > <b>OK</b> Combination can be used!	C matches > <b>OK</b> Combination can be used!	L, C matches > <b>OK</b> Combination can be used!	No Match > Combination unsuitable
Motors	No Match > Combination unsuitable	No Match > Combination unsuitable	No Match > Combination unsuitable	No Match > Combination unsuitable	M matches > <b>OK</b> Combination can be used!

## Rotary dimmer 400 W

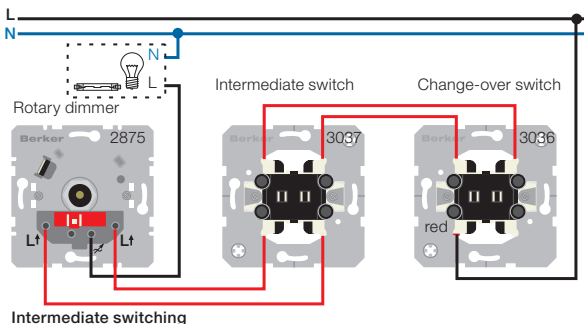


Technical data		Rotary dimmer 400 W Order no. 2819..
Rated voltage		230 V~, 50 Hz
Connected load		230 V incandescent lamps and halogen lamps 60 ... 400 W mixed loads of specified loads
Power boosters built-in (R, L)		max. 10
Control principle		phase cut-on
Noise		low noise
Fine-wire fuse		T 1.6 H 250
Radio interference suppression		acc. to EN 55015
Operating temperature		5 ... 25 °C (observe operating conditions see <b>i452</b> )
Connecting terminals		Screw terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

## Rotary dimmer 600 W



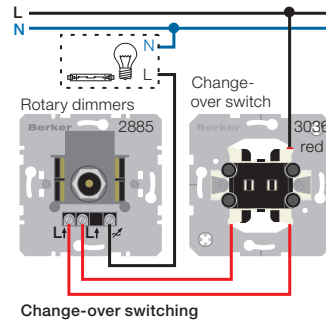
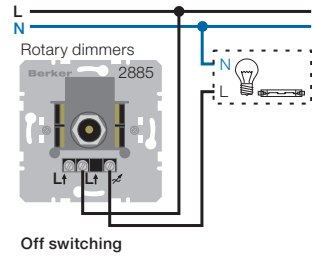
Change-over switching



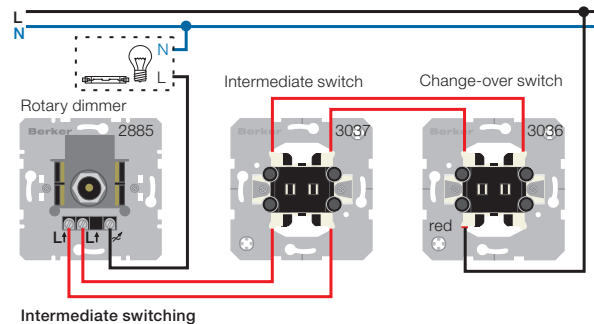
Intermediate switching

Technical data		Rotary dimmer 600 W Order no. 2875
Rated voltage		230 V~, 50 Hz
Connected load		230 V incandescent lamps and halogen lamps 60 ... 600 W, (60 ... 450W) mixed load of the specified load types
Power boosters built-in (R, L)		max. 10
Dimming principle		phase cut-on
Noise		low noise
Fine-wire fuse		T 2.5 H 250
Radio interference suppression		acc. to EN 55015
Operating temperature		5 ... 25 °C (observe operating conditions see <b>i452</b> )
Connecting terminals		Plug-in terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

## Rotary dimmer 1000 W



Change-over switching

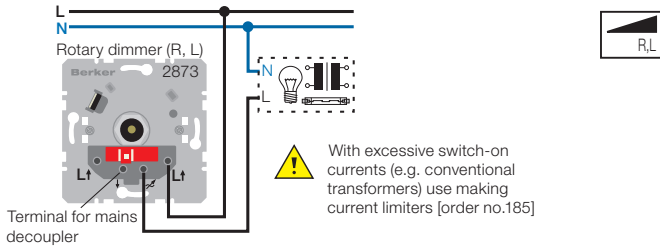


Intermediate switching

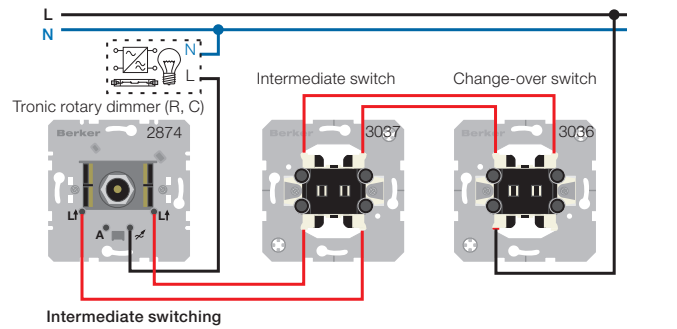
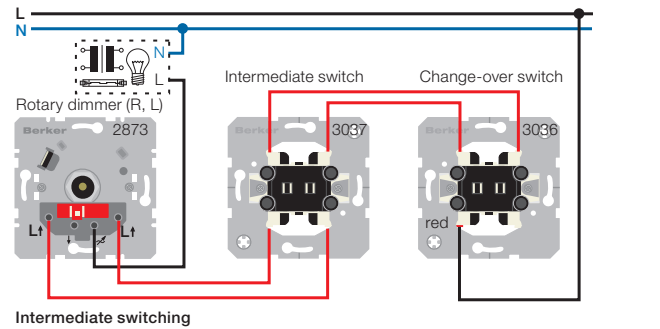
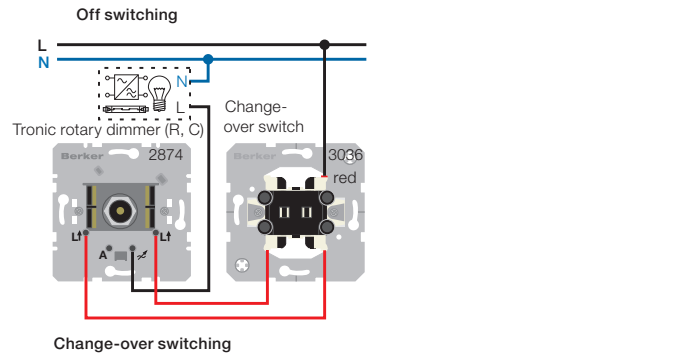
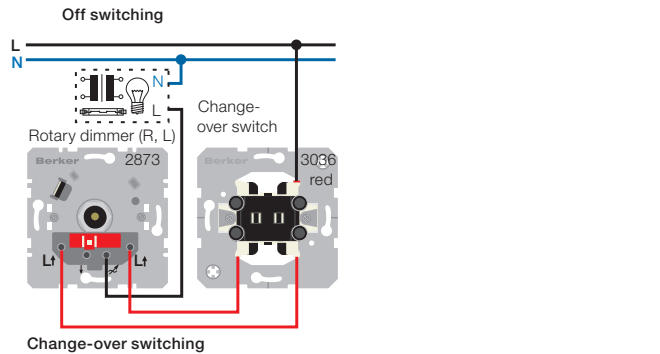
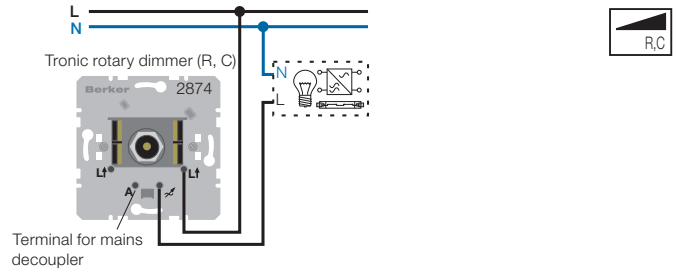
Technical data		Rotary dimmer 1000 W Order no. 2885..
Rated voltage		230/240 V~, 50 Hz
Connected load		230 V incandescent lamps and halogen lamps 100 ... 1000 W mixed loads of specified loads
Tronic- and power boosters built-in (R, L)		max. 10
Dimming principle		phase cut-off
Noise		very low noise
Short-circuit proof		Switch off with autom. restart electron. Fuse (maintenance free)
Overload proof		by power reduction
Radio interference suppression		acc. to EN 55015
Operating temperature		5 ... 25 °C (observe operating conditions see <b>i452</b> )
Connecting terminals		Screw terminals 0.75 ... 4 mm <sup>2</sup>



## Rotary dimmer (R, L)



## Tronic rotary dimmer (R, C)



Technical data	Rotary dimmer (R, L) Order no. 2873..
Rated voltage	230 V~, 50 Hz
Connected load	230 V incandescent lamps and halogen lamps 20 ... 500 W conv. transformers (subject to min. 85 % of rated load) incl. transformer power dissipation 20 ... 500 VA mixed load of the specified load types
Power boosters built-in (R, L)	max. 10
Switching current for base load mains decoupler	max. 100 mA
Dimming principle	phase cut-on
Noise	low noise
Fine-wire fuse	T 3.15 H 250
Radio interference suppression	acc. to EN 55015
Operating temperature	5 ... 25 °C (observe operating conditions see <b>i452</b> )
Connecting terminals	Plug-in terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

Technical data	Tronic rotary dimmer (R, C) order no. 2874..
Rated voltage	230 V~, 50 Hz
Connected load	230 V incandescent lamps and halogen lamps 20 ... 525 W Tronic transformers 20-525 W Mixed load of the specified load types
Universal-power boosters Plus RMD	max. 10 à 500 W
Tronic power boosters built-in	max. 10
Switching current for base load mains decoupler	max. 100 mA
Switch-on	bulb-preserving soft startup
Noise	very low noise
Short-circuit proof	Switch-off with autom. restart electronic fuse (maintenance-free)
Overload proof	by power reduction
Radio interference suppression	acc. to EN 55015
Operating temperature	5 ... 25 °C (observe operating conditions see <b>i452</b> )
Connecting terminals	Plug-in terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

## Universal rotary dimmer (R, L, C), extension unit insert

- i** Connection diagrams and technical data apply for
- Universal rotary dimmer (R, L, C) 2861 10
  - Universal rotary dimmer with centre plate (R, L, C) 2834 ..
  - Extension unit insert for universal rotary dimmer 2862 10, 2835 ..

### Applications

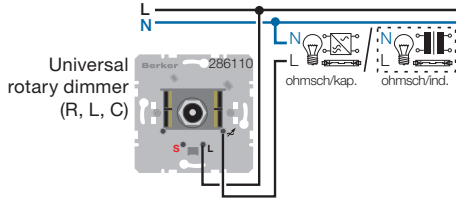


Figure 1: Off switching

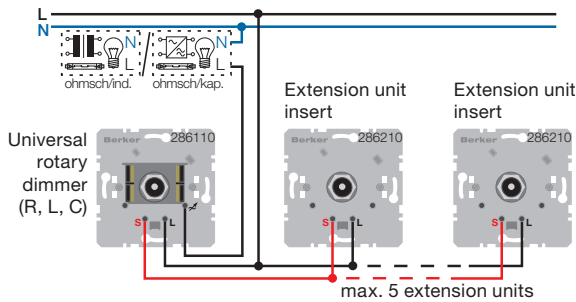


Figure 2: Operation with extension unit(s)

## 1-10 V control units

In lighting engineering, electronic ballasts and Tronic transformers fitted with a 1-10 V interface are being deployed to operate lamps (such as fluorescent lamps, LV halogen lamps).

If multiple devices are connected using a single control line with 1-10 V control inputs, the 1-10 V rotary potentiometer can be used to adjust the brightness from a remote location. In this way, extensive and complex light systems can be implemented. The 1-10 V control units (1-10 V rotary potentiometer, 1-10 V push-button rotary potentiometer, NO contact) 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 potentiometers are covered by a centre plate with setting knob and frame, in keeping with the familiar dimmer design.

### Measurement of the control and load currents

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 making currents) may be max. 6 A. The electronic ballast and lighting manufacturers' specifications regarding the control and load currents (with making currents) must be observed.

Calculation example, type Osram electronic ballast 2 x 58 W:

- Control current IST = 0.6 mA
- Load current IL = 0.55 A per electronic ballast
- 83 electronic ballasts are to be connected  
IST = 83 x 0.6 mA = approx. 50 mA, IL = 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 making currents are to be expected. If the permissible number of electronic ballasts is exceeded (see table below), a contactor must be used to switch them, or a making current limiter, order no. 185 must be connected in series upstream of the respective ballast.

1 - 10 V rotary potentiometer - maximum number of electronic ballasts that can be switched without additional fittings:

- 5 two-lamp or 10 one-lamp Osram electronic ballasts 58 W;
- 15 two-lamp or 30 one-lamp Insta electronic ballasts 42 W;
- 13 Berker Tronic transformers 20-105 W

**⚠** For a mixed load with inductive loads the proportion of the ohmic loads must not exceed 50 %!

Do not mix capacitive and inductive loads

### Technical data

Universal rotary dimmer (R, L, C)	Order no. 286110, 2834 ..
Rated voltage	230 V~, 50/60 Hz
Dimming principle	Phase cut-on or -cut-off depending on load type
Connected load	
- 230 V incandescent lamps and halogen lamps	ohmic: 50 .. 420 W capacitive: 50 .. 420 W
- Tronic transformers	(subject to min. 85 % of rated load) incl. transformer power dissipation,
- conv. transformers	inductive: 50 .. 420 VA
- Mixed loads	
Power consumption	approx. 0.5 Watt
Switch-on	bulb-preserving soft startup
Number of extension units	max. 5 extension unit inserts
Extension unit cable length	max. 100 m
Short-circuit protection	Switch off with autom. restart electron. fuse (maintenance free)
Overload protection	by power reduction
Radio interference suppression	acc. to EN 55015
Operating temperature	5 to 25 °C
Connecting terminals	Plug-in terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>

## 1 - 10 V rotary potentiometer [2891 10]

**⚠** Max. 5 two-lamp electronic ballasts or 10 lamp electronic ballasts can be switched with no additional relay/ contactor or making current limiter.

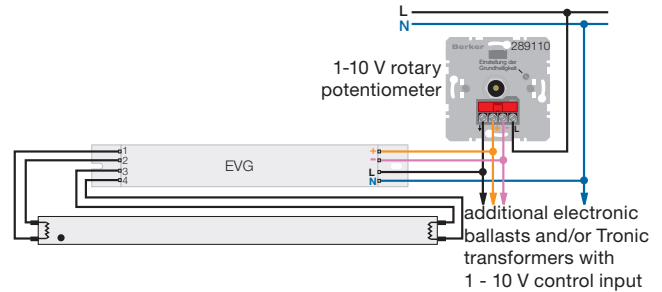


Figure 1: Off switching with 1-10 V rotary potentiometer

## 1 - 10 V push-button rotary potentiometer, NO contact [2891 10]

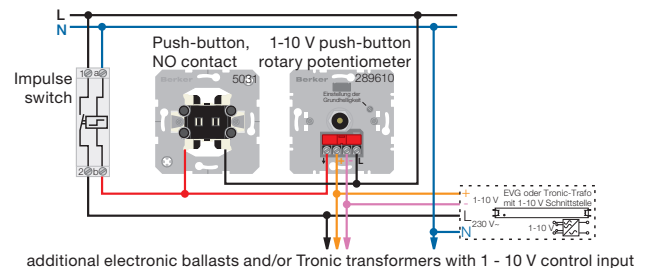


Figure 1: Change-over switching with impulse switch

### Technical data

1 - 10 V rotary potentiometer	Order no. 2891 10
1 - 10 V push-button rotary potentiometer	Order no. 2896 10
Max. control voltage UST	12 V
Min. control voltage UST	0.7 V
Max. control current IST	50 mA
max. switching capacity, mains switch	1380 VA resp. 6 A at 230/240 V~, 50/60 Hz
Fine-wire fuse	F 500 H 250
Operating temperature	5 .. 35 °C
Screw terminals	max. 4 mm <sup>2</sup> or 2 x 2.5 mm <sup>2</sup>

### DALI Protocol

DALI (**D**igital **A**ddressable **L**ighting **I**nterface) is a protocol for controlling light technology operating devices, e.g. electronic transformers, electronic upstream devices etc.

### Broadcast

Control information is sent in broadcast operation centrally to all users in the DALI network.

### Typical broadcast commands

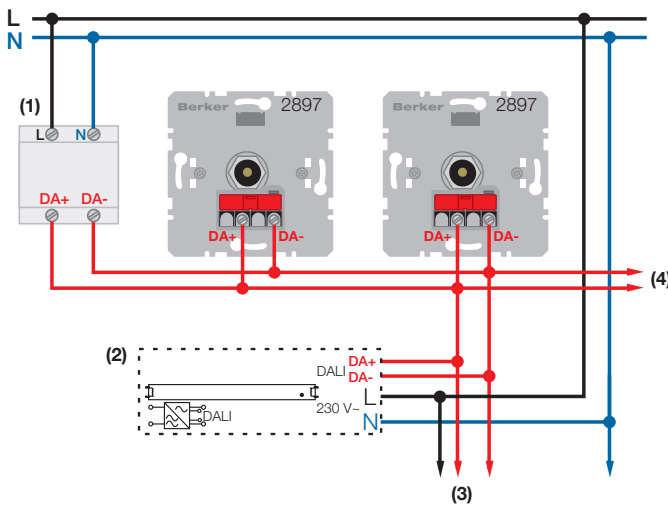
DALI command	Broadcast command
Light level (DAP)	Light value is called up
OFF	Switch off
STEP UP	Brighter dimming
STEP DOWN	Darker dimming
ON AND STEP UP	Switching on and darker dimming
STEP DOWN AND OFF	Darker dimming and switching off

### Rotary potentiometer DALI

- Not suitable for combining with other DALI systems.
- The control line and load line can be laid in a common cable.
- The brightness of the lighting in the absence of DALI telegrams (PowerON-Level) and in the event of failure of the DALI system voltage (SystemFailure-Level) is stored in the EB and cannot be changed using the DALI rotary potentiometer.

### DALI rotary potentiometer with soft-lock [Order no. 2897]

The DALI rotary potentiometer can control up to 64 DALI devices in broadcast operation. In parallel operation the lighting applies the brightness value of the respective DALI rotary potentiometer actuated. This can cause a brightness jump.



**Figure 1:** Connection of DALI rotary potentiometers as equally entitled control section

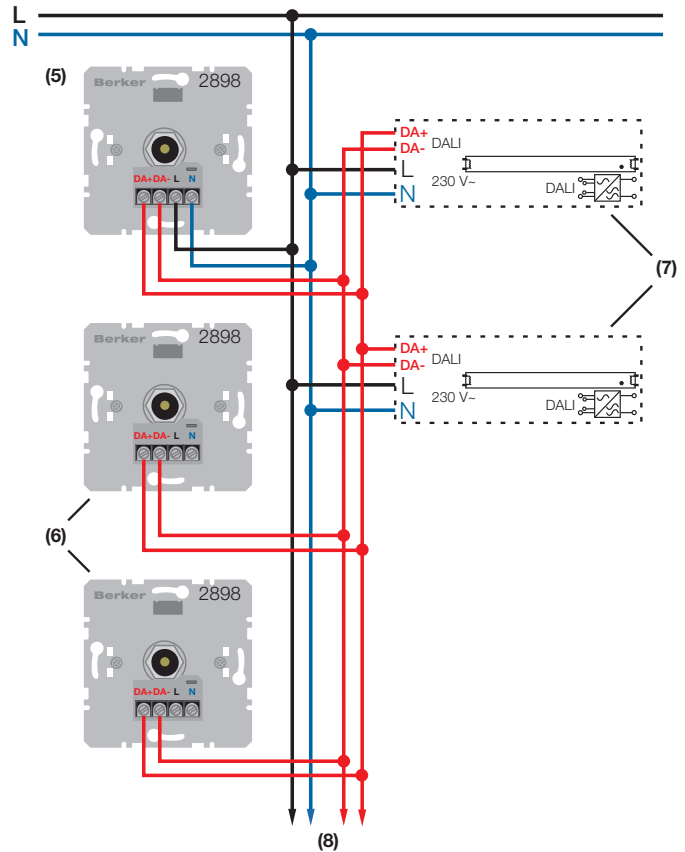
- 1 Power supply (according to DIN IEC 60929)
- 2 EB or Tronic transformer with DALI interface
- 3 Connection of additional devices with DALI interface
- 4 Connection of additional DALI potentiometers Order no. 2897

### Technical data

Rotary potentiometer DALI	Order no. 2897
DALI system voltage according to IEC 60929	16 V= (9.5 ... 22.5 V=)
Current consumption	< 2 mA
DALI devices	max. 64
DALI control line length	
– at 0.5 mm <sup>2</sup>	max. 100 m
– at 0.75 mm <sup>2</sup>	max. 100 ... 150 m
– at 1.5 mm <sup>2</sup>	max. 150 ... 200 m
Fine-wire fuse	F 0A 25 H 250
Operating temperature	5 ... 35 °C
Connecting terminals	Screw terminals for max. 2 x 2.5 mm <sup>2</sup> or 1 x 4 mm <sup>2</sup>

### DALI rotary potentiometer with power supply [Order no. 2898]

The DALI rotary potentiometer with an integrated power supply, when connected to the mains voltage (active operation), supplies the control current for the connected DALI devices. If the device is not connected to the mains voltage (passive operation), the power supply is supplied via the DALI voltage: the DALI rotary potentiometer works as an additional operating section (broadcast operation).



**Figure 2:** Connection of DALI rotary potentiometers as equally entitled control section

- 5 DALI potentiometer with power supply (active operation)
- 6 DALI potentiometer with power supply (passive operation)
- 7 EB or Tronic transformer with DALI interface
- 8 Connection of additional DALI potentiometers with power supply Order no. 2898 as well as additional devices with DALI interface

A maximum of 4 active DALI rotary potentiometers can be used within the DALI network.

### Technical data

DALI rotary potentiometer with power supply	Order no. 2898
Rated voltage	230 V~
Frequency	50/60 Hz
Output current	max. 52 mA
DALI system voltage according to IEC 60929	16 V= (9.5 ... 22.5 V=)
Power consumption	max. 2 W
Quantity of DALI devices with 1 active DALI potentiometer	max. 26
Quantity of DALI devices with 4 active DALI potentiometers in parallel	max. 104
DALI control line length	
– at 0.5 mm <sup>2</sup>	max. 100 m
– at 0.75 mm <sup>2</sup>	max. 100 ... 150 m
– at 1.5 mm <sup>2</sup>	max. 150 ... 200 m
Operating temperature	5 ... 35 °C
Connecting terminals	Screw terminals for max. 2 x 2.5 mm <sup>2</sup> or 1 x 4 mm <sup>2</sup>

## Push-button for hotel card, relay switch for hotel card

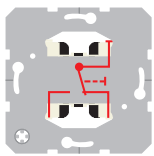
The push-button and relay switch for hotel card allow the central switching of electrical loads and additionally provide a storage possibility for the hotel card.

The operation is performed by inserting and removing the hotel card. The lighting of the operating section makes safe operation possible even in darkness.

Energy efficiency measures can be achieved by an additional feedback to the reception or by connection to the building automation e.g. for lowering the room temperature or for switching off ventilation/air conditioning systems.

## Push-button, change-over for hotel card [Order no. 5056 01]

When the hotel card is inserted, the loads connected via a load contactor are switched on. After removing the hotel card, all electrical loads that are still active but no longer needed, such as lighting (possibly with time delay relay), socket outlet circuits (e.g. for television) are disconnected from the mains.



- 5056 01 Push-button, change-over contact for hotel card
- 1675 Neon lamp unit with N terminal

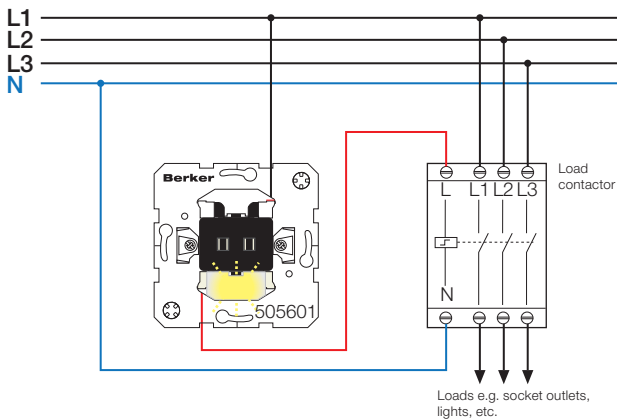


Figure 1: Push-button, change-over contact for hotel card: Neon lamp unit lights up only when the hotel card is not inserted.

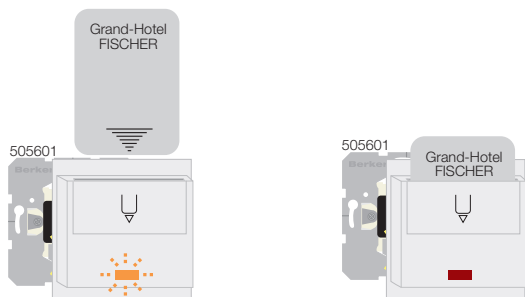


Figure 2: Orientation lighting for hotel card applications

### Function if hotel card is inserted

- Contact closed
- Orientation light off

### Function if hotel card is removed

- Contact open
- Orientation light on

## Relay switch for hotel card [Order no. 1640 .., 1641 ..]

Loads are connected directly via the internal relay of via a downstream load contactor.

When the hotel card is inserted, the load is switched on and switched off again when removed.

Thanks to the adjustable delay time of the internal relay, the lighting still stays on for the duration of the delay time after removing the hotel card so you can leave the room safely.

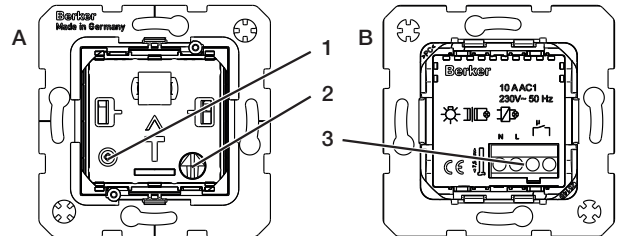


Figure 3: Relay switch for hotel card: Front view (A) without design cover, hotel card mounting device, fixing element and rear view (B)

- 1 LED as orientation light
- 2 Potentiometer for adjustment of delay time
- 3 Terminal block

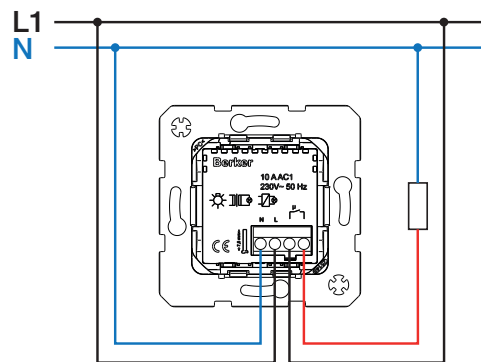


Figure 4: Connection of the load directly via the relay switch for hotel card

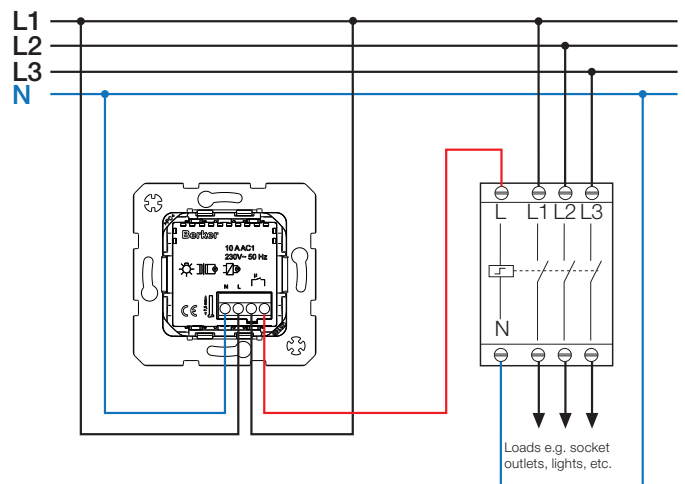


Figure 5: Connection of loads via a load contactor

## IR presence detectors

### Function elements and operating elements

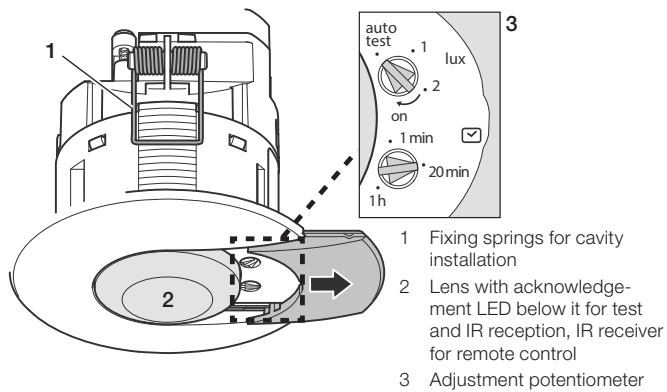


Figure 1: Device overview

### Installation modes

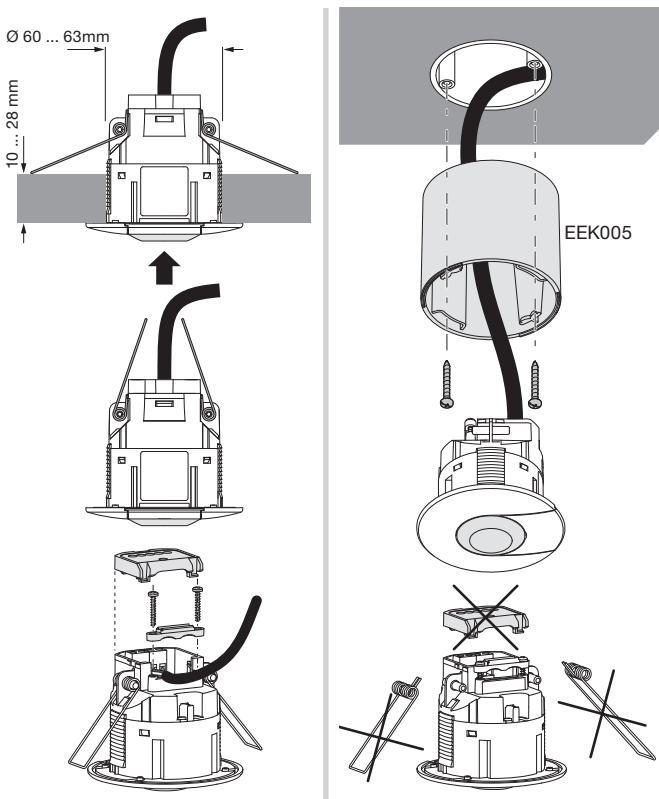


Figure 2: Installation in suspended ceiling or in wall-mounted housing EEK005

### Installation location and detection area

- The detector in offices must be installed directly above the workplace so that small movements can be detected precisely.
- Sources of interference (heat sources, partition walls, green plants, ventilation outlets etc.) in the detection area of the presence detector that can impede the motion detection must be avoided.

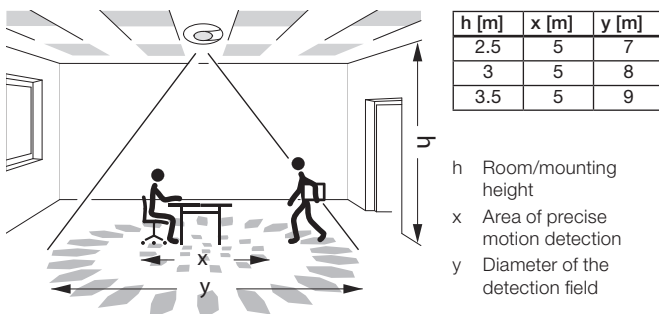


Figure 3: Dependence of detection area on the mounting height

### Device settings

The adjustment potentiometer (3) is used to configure the device. Potentiometer Lux: Setting of the response brightness.

Position	Brightness approx. [lux]	Application
auto test	-	Testing the adjusted brightness value and detection area Configuration via hand-held transmitter EE807
1	200	Stairs/hallways <b>i</b> Setpoint to control the lighting in stairwells in accordance with DIN EN12464-1, 2003-3: min. 150 lux
2 on	400 1000	Offices

Potentiometer : adjustment of delay time.

### Remote control

Two IR hand-held transmitters are available for remote control.

EE807	EE808
Settings/start-up by electricians	Operation by user
<ul style="list-style-type: none"> <li>- Setting response brightness</li> <li>- Setting switch on delay</li> <li>- Selecting operating mode</li> <li>- Resetting to factory setting</li> <li>- 2 Configuration memory for convenient multiple startups</li> </ul>	<ul style="list-style-type: none"> <li>- Switching controlled lighting</li> </ul> Only with EE 816 (DALI/DSI) <ul style="list-style-type: none"> <li>- Dimming controlled lighting</li> <li>- Saving and opening 4 different brightness levels.</li> </ul>

### IR presence detector [EE815]

The presence detector has an integrated switching contact for direct connection of the lights to be controlled.

A push-button NO contact can be connected to the extension unit connection, which can be used to switch the lighting ON/OFF regardless of motion.

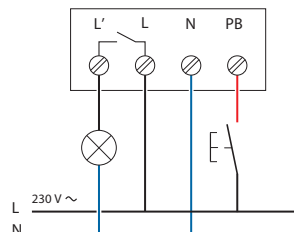


Figure 1: Connection of the IR presence detector

### DALI IR presence detector [EE816]

The presence detector has an integrated DALI/DSI output for controlling the lighting with appropriate operating devices. The protocol setting (DALI or DSI) takes place automatically.

A push-button NO contact can be connected to the extension unit connection, which can be used to switch the lighting ON/OFF (short press) or to dim the lighting (long press) regardless of motion.

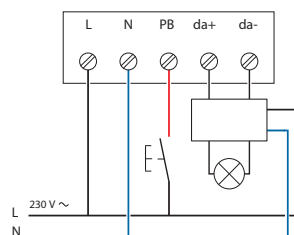


Figure 1: Connection of the DALI presence detector

## Presence detector surface-mounted/ flush-mounted

### Installation modes

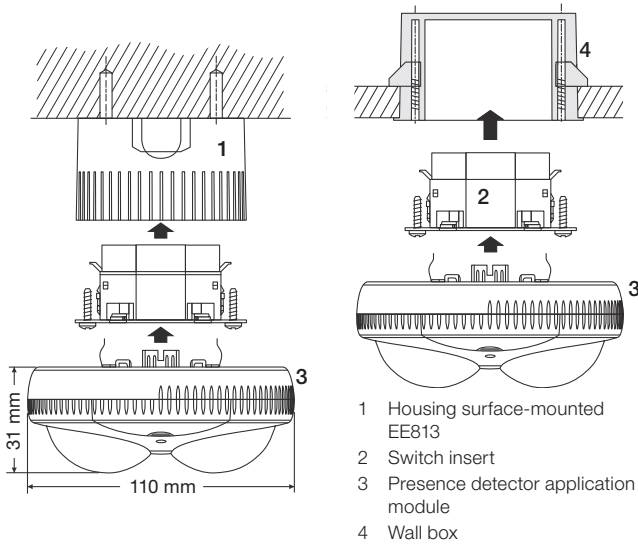


Figure 1: Installation in suspended ceiling or in wall-mounted housing EE813

## Presence detector with constant light controller via 1-10 V interface surface-mounted/flush-mounted [EE812]

### Connection

**⚠** When connecting push-buttons for manual switching/dimming and in master-slave mode, use the same phase for all devices!

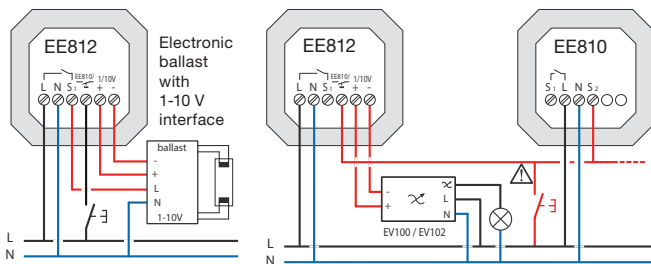


Figure 2: Connection to electronic ballast with 1-10 V interface/ connection in master-slave mode with EE810

## Presence detector 1-channel surface-mounted/surface-mounted [EE810]

### Connection

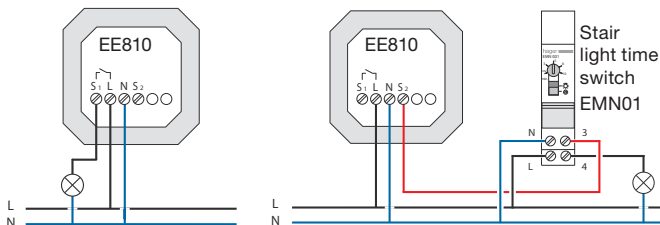


Figure 3: Direct connection of a light / control of a stair light time switch

## Switch/push-button in blind applications, key switch

### Applications blind series switch/push-button

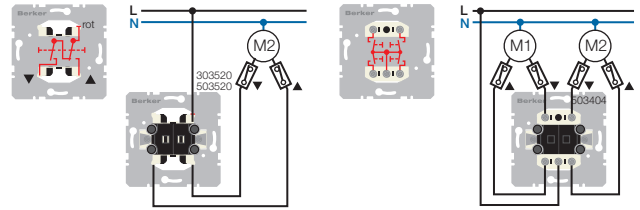


Figure 1: Blind series switch 1pole [Order no. 3035 20]; blind series push-button 1pole [Order no. 5035 20] / group series push-button, 4 NO contacts, common input terminal [Order no. 5034 04] as blind push-button

### Applications switch/push-button for blinds

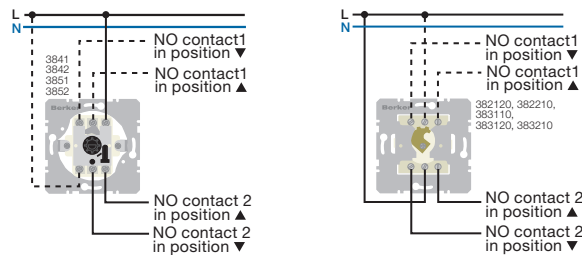


Figure 2: Rotary switch for blinds 1pole and 2pole [Order no. 3841, 3842]; switch for blinds 1pole and 2pole for centre plate with lock [Order no. 3851, 3852] / switch/push-button for blinds 1pole and 2pole for lock cylinder [Order no. 382..., 383..]

### Applications key switch

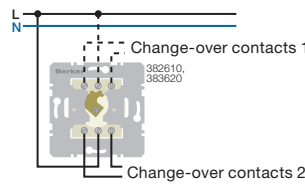


Figure 3: Change-over switch 1pole and 2pole for lock cylinder [Order no. 3826 10, 3836 20]

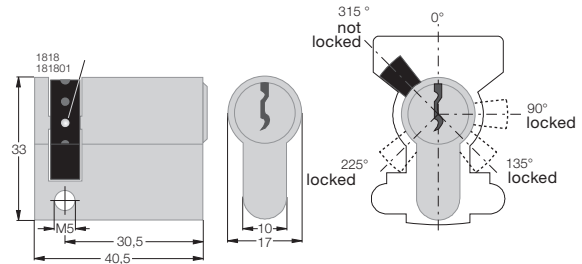


Figure 4: Lock cylinder [Order no. 1818, 1818 01]

The lock bit setting of the lock cylinder can be changed by pushing the bolt in 45°-steps.

In lock bit setting 315°, the cover with the lock cylinder is removable without a key. The key is only removable in zero position (unswitched). The cover is secured against removal in the lock bit settings 90°, 135°, 225°. After activation, the key is turned back to the original position and can be removed with switches in any switching state.



Multimedia technology

VGA module

The VGA module is used to connect display devices on a graphic card. Depending on the quality, VGA cables can be susceptible to interference at lengths of under 5m, or they can still transmit a good signal at lengths in excess of 30 m. Cables suited for high frequency with a coaxial structure for the colour channels are advantageous.

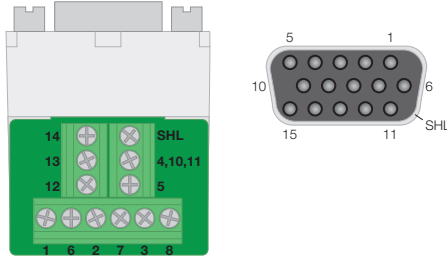


Figure 1: VGA module

PIN	Transmission signal	wire
1	Red	Coaxial wire
2	Green	Coaxial wire
3	blue	Coaxial wire
4*	Monitor ID bit 2	Twisted Pair wire (optional connection)
5	Ground	Twisted pair wire
6	red ground	Coaxial shielding
7	green ground	Coaxial shielding
8	blue ground	Coaxial shielding
9	Unassigned	Not contacted
10*	Synchronous ground	Twisted pair wire
11"	Monitor ID bit 0 or digital ground	Twisted Pair wire (optional connection)
12	Monitor ID bit 1	Twisted Pair wire (optional connection)
13	Horizontal synchronisation	Wire 1
14	Vertical synchronisation	wire 2
15	Monitor ID bit 3	Not contacted
SHL	Housing shielding	External shielding

\* Are connected together at one terminal.

S-Video module

The S-Video (also known as Separate Video, Y/C) module is used for separate transmission of brightness (luminance) and colour (chrominance) information. Cable lengths should not exceed 10 m.

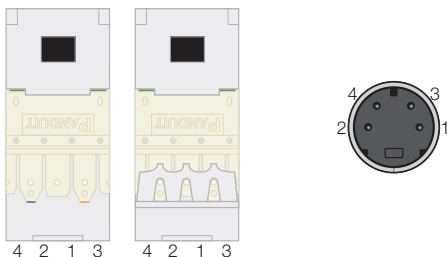


Figure 2: S-Video module

PIN	Transmission signal
1	Luminance (Y) earth
2	Chrominance (C) earth
3	Intensity (luminance) Y
4*	Colour (chrominance) C

Cinch module

Cinch (RCA) is the designation of standardised connectors for transmitting electrical signals, primarily via coaxial cables. Use of other cable types is not widespread, however it is possible.

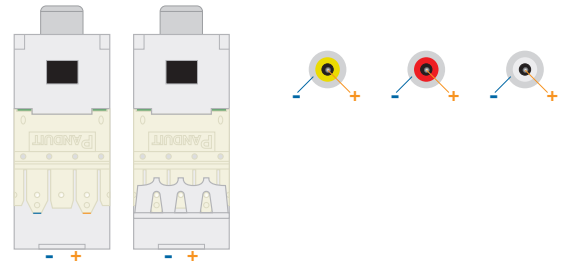


Figure 3: Cinch module

Telecommunications

Arrangement in cable in star 4 configuration

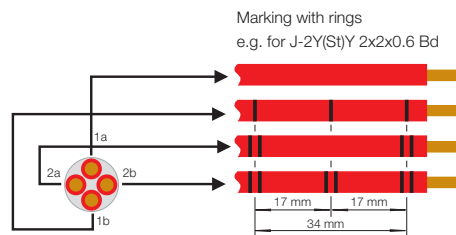


Figure 4: Star 4 configuration- marking with rings

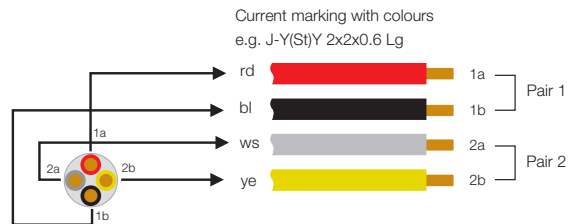
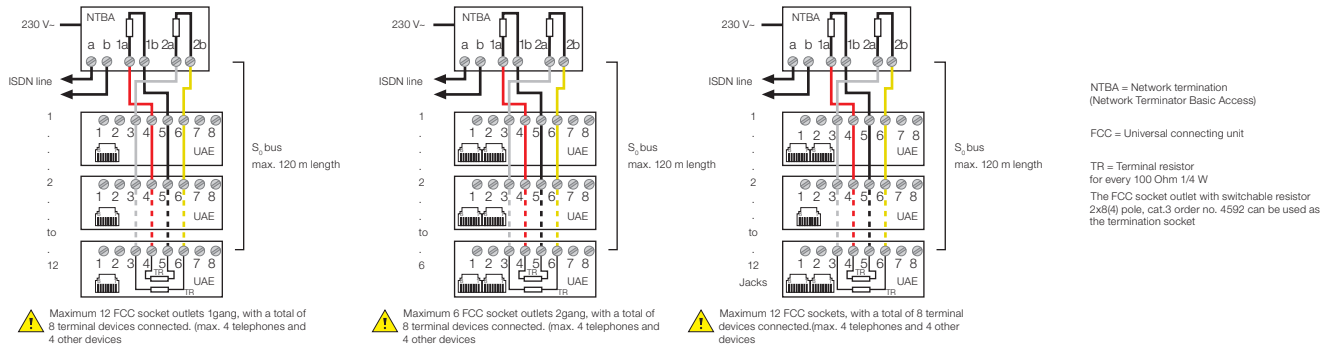


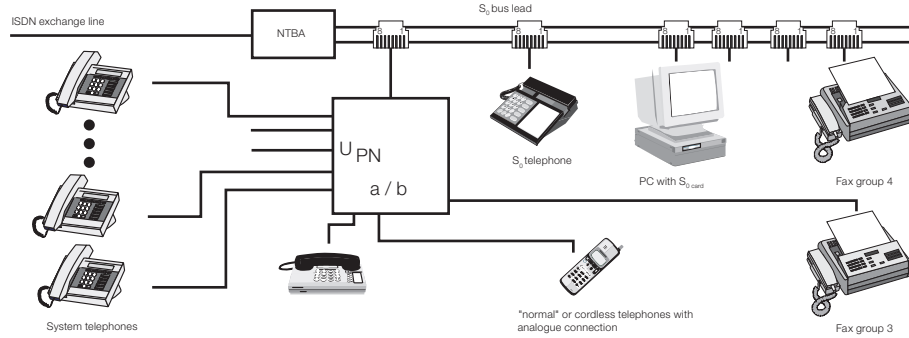
Figure 5: Star 4 configuration- marking with colours

wire	Current colour code	Previous colour code
1a	rd = red	ye = yellow
1b	bl = black	rd = red
2a	ws = white	gn = green
2b	ye = yellow	bl = blue

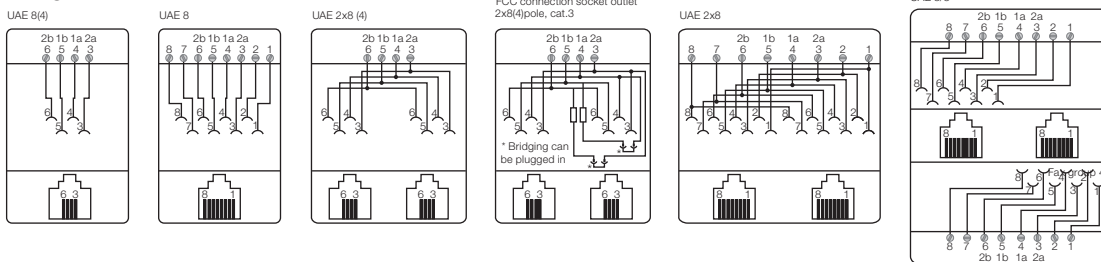
## Connection variants on ISDN-S0 bus



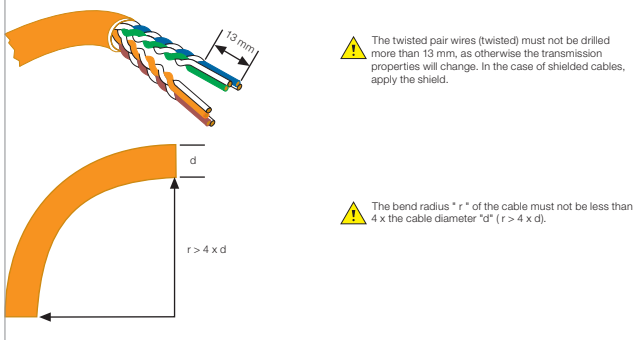
## ISDN system



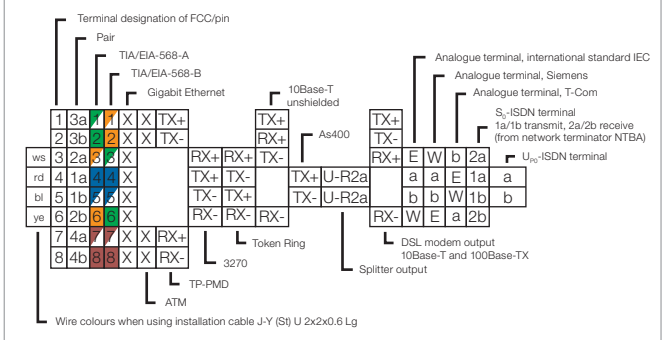
## Pin assignment of FCC connector boxes



## Notes on Cat. 5 and 6 cables



## Contact assignment FCC RJ45





## Aerial systems terms

**ADR (Astra Digital Radio):** digital audio radio programmes on a subcarrier analogue TV transponder.

**Azimuth:** Azimuth means the alignment of the south-facing satellite aerial (horizontal angle).

**SAT-band:** (SAT-IF, Input-IF) intermediate frequency bands used by satellite receivers:

- 950 ... 2050 MHz (standard band)
- 950 ... 2400 MHz (extended band)

**High-Band:** frequency range 11.7 ... 12.75 GHz of a satellite. Here mostly only digital programmes are broadcast.

**Low-Band:** frequency range 10.7 ... 11.7 GHz of a satellite. Systems with older LNBs cannot receive the whole range of the band (typically only 10.950 to ... 11.7 GHz analogue).

### BK bands

- Reverse channel, frequency 5 ... 47 MHz
- Band I (VHF I), channel 2 - 4, frequency 47 ... 85 MHz
- Band II (UKW, VHF II), frequency 87.5 ... 108 MHz
- USB Band, Lower Special Channel Range (VHF), channel S2 - S10, frequency 108 ... 174 MHz
- Band III (VHF III), channel 5 - 12, frequency 174 ... 230 MHz
- OSB Band: Upper Special Channel Range (VHF), channel S11 - S20, frequency 230 ... 300 MHz
- Hyperband expanded special channel area (VHF), channels S21 - S38
- Band V (UHF), channel 21 - 37, frequency 470 ... 606 MHz
- Band V (UHF), channel 38 - 69, frequency 606 ... 862 MHz
- Sat-ZF (UHF), frequency 950 ... 2400 MHz

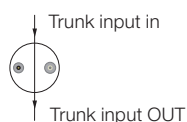
**BER (Bit error rate):** denotes the quality of a data signal after it has been received and demodulated. The lower the rate, the better the signal.

**Conditional Access (CA) System:** controls the access by users to services and programmes which are encrypted for copyright or commercial reasons.

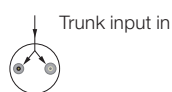
**Common Interface (CI):** uniform interface for digital set-top boxes for PCMCIA modules with card readers for smart-card by practically all pay TV companies.

### Attenuation types

**Transmission loss:** Attenuation for throughpass sockets between trunk input and trunk output



**Attenuation:** for throughpass and single sockets. Attenuation between trunk input and the output sockets



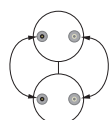
**Decoupling internal:** Attenuation between plug output and socket output..



**Directional attenuation:** Attenuation between trunk output and the output sockets.



**Decoupling:** Attenuation between two aerial sockets.



**DiSEqC (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.

**Elevation:** elevation is understood to mean the vertical angle (inclination) of the aerial.

**EPG (Electronic Programme Guide):** electronic programme guide.

**Free-to-Air:** free-to-air receivers receive exclusively free (non-encrypted) programmes.

**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.

**Multi-feed:** a technique that allows reception of multiple satellites using just one single fixed aerial.

**Multi-switch:** electronic slide switch that enables each subscriber to switch between different reception levels, frequency ranges and satellites. When receiving from 2 or more satellites the DiSEqC switch is required, which controls multi-switches and also receivers.

**Parabolic mirror:** The most commonly used design for 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:** 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.

**Set Top Box:** standardised designation for a digitally suitable satellite or cable receiver.

**SR (Symbol Rate):** parameter that must be entered to allow manual searching of the receiver. (e.g. 22000, 27500).

**Tone-Burst (also Simple DiSEqC):** 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 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 analogue systems a TV programme 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.

**Wiring structures (also see Planning recommendations):**

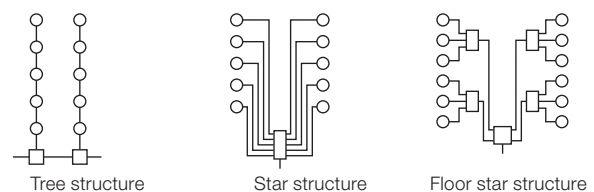


Fig. 1: Wiring structures

### Notes on coaxial cables

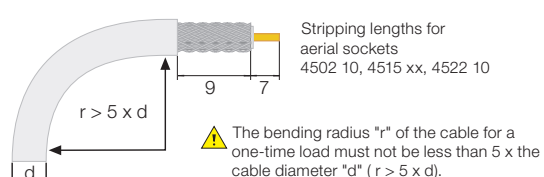


Fig. 2: Bending radii and stripping lengths

## Planning recommendations

Between the aerial sockets the decoupling attenuation must be a minimum of 40 dB. Terminal boxes have no decoupling, and are always branched with splitters. The connection at a branch is also called a spur, and only here a terminal box can be connected. At the through passage of a splitter, on the other hand, only through-sockets or other splitters may be connected. Only throughpass sockets can be connected to distributors (too little decoupling) only, because only in this manner the decoupling will be sufficient. The last throughpass socket must be terminated with a 75 ohm terminating resistor.

### Signal noise ratio and noise figure

The signal-to-noise ratio SNR is the ratio, expressed in decibels, of the signal power to the noise power. The noise figure NF is the logarithmic ratio [dB] between the signal-to-noise ratio  $SNR_{in}$  at the input of an active module (e. g. amplifier) and the signal-to-noise ratio  $SNR_{out}$  at the output.

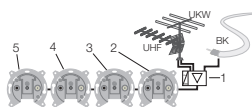
Signal-to-noise ratio	Noise	Picture quality
> 46 dB	not visible	very good
37 dB	visible, but not annoying	good
30 dB	clearly visible, annoying	unsatisfactory
< 26 dB	outweighs	unsatisfactory

### Level recommendation at the aerial sockets based on EN 50083-7:

Frequency (measuring device setting)	Level in dBµV (unsensitive)		Slope	Noise factor/quality bit error rate
	min.	max.		
UKW 87.5 ... 108 MHz (FM)	50	70	15	C/N: 38 dB Mono C/N: 48 dB Stereo
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 digital 47 ... 862 MHz (64-QAM)	47	67	12	BER: 2.0 E-7 MER: 30 dB
SAT-ZF 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

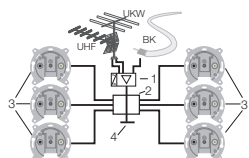
- LED, LCD and plasma televisions need larger signal-to-noise ratios for a visually less noisy picture (50 dB). The level should not exceed 74 dB.
- Execute the system as a star structure if possible
- Install splitters and distributors in accessible spaces
- Install coaxial cables in ductwork systems
- 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-ZF: 950 ... 2400 MHz
- Dimension aerial sockets for broadband
- Shielding value 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: Multiband amplifier
- 2: Aerial socket 2-hole, 20 dB throughpass socket [order no. 4515 20]
- 3: Aerial socket 2-hole, 13 dB throughpass socket [order no. 4515 15]
- 4: Aerial socket 2-hole, 8 dB throughpass socket [order no. 4515 10]
- 5: Aerial socket 2-hole single socket [order no. 4502 10]

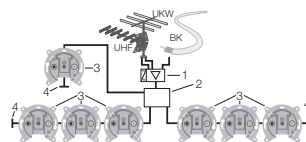
### Aerial system terrestrial and/or broadband cable BK in radial structure:



- 1: Multiband amplifier
- 2: Branch
- 3: Aerial socket 2-hole single socket [order no. 4502 10]
- 4: Terminating resistor [order no. 4503]

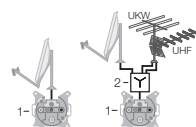
⚠ If only 1 aerial socket is available in a broadband cable system, a throughpass socket with terminating resistor must be used..

### Aerial system terrestrial and/or broadband cable BK in tree structure/ radial structure



- 1: Amplifier
- 2: Distributor
- 3: Aerial socket 2-hole throughpass sockets [order no. 4515 20, 4515 15, 4515 10]
- 4: Terminating resistor [order no. 4503]

### SAT aerial system with single universal LNB for digital reception of a satellite.



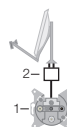
- 1: Aerial socket 3-hole single socket [order no. 4522 10]
- 2: Switch for insertion of terrestrial signals, e.g. for regional FM/TV reception (DVB-T)

### 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:



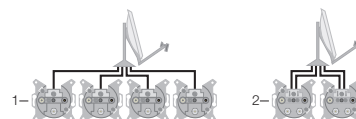
- 1: Aerial socket 3-hole single socket [order no. 4522 10]
- 2: Aerial socket 4-hole single socket [order no. 4594 10]

### SAT aerial system with 2 squinting single universal LNBs for reception of two satellites e.g. Astra and Hotbird (Eutelsat):



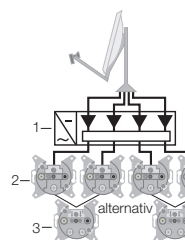
- 1: Aerial socket 3-hole single socket [order no. 4522 10]
- 2: DiSEqC switch

### SAT aerial system with Quad switch LNB e.g. for 4 receivers, e.g. 4 x Astra:



- 1: Aerial socket 3-hole single socket [order no. 4522 10]
- 2: Aerial socket 4-hole single socket [order no. 4594 10]

### SAT aerial system with Quattro LNB and multi-switch with amplifier



- 1: Multi-switch with amplifier
- 2: Aerial socket 3-hole single socket [order no. 4522 10]
- 3: Aerial socket 4-hole single socket [order no. 4594 10] or: Aerial socket 4-hole socket for viewing one channel and recording another

**i** By cascadable multi-switches and taps/distributors expandable to > 100 subscribers optionally with terrestrial input as an alternative.

## Aerial sockets

### Connection/transmission losses

**Aerial socket 2-hole single socket**  
[order no. 4502 10]



Connection	Frequency range	Attenuation
IEC (male)	5 ... 47 MHz	1.5 dB
	47 ... 862 MHz	4 dB
	950 ... 2150 MHz	5 dB
	2150 ... 2400 MHz	6.5 dB
IEC (female)	5 ... 47 MHz	1.5 dB
	47 ... 862 MHz	4 dB
	950 ... 2150 MHz	5 dB
	2150 ... 2400 MHz	5 dB

**Aerial socket 2-hole throughpass socket**  
[order no. 4515 10, 4515 15, 4515 20]



Design		8 dB	13 dB	20 dB
Connection	Frequency range	Attenuation		
IEC (male)	5 ... 47 MHz	6 dB	10.5 dB	20 dB
	47 ... 862 MHz	7.5 dB	13 dB	20 dB
	950 ... 2150 MHz	10.5 dB	13.5 dB	23 dB
	2150 ... 2400 MHz	13 dB	14 dB	23 dB
IEC (female)	5 ... 47 MHz	11 dB	10.5 dB	18 dB
	47 ... 862 MHz	8.5 dB	13 dB	21 dB
	950 ... 2150 MHz	9 dB	14 dB	23 dB
	2150 ... 2400 MHz	10 dB	14.5 dB	24.5 dB
Connection	Frequency range	Transmission loss		
IN -> OUT	5 ... 862 MHz	4 dB	1.2 dB	0.6 dB
	950 ... 2150 MHz	4 dB	2 dB	1 dB
	2150 ... 2400 MHz	7 dB	2.2 dB	1.4 dB

**Aerial socket 3-hole single socket**  
[order no. 452210]



Connection	Frequency range	Attenuation
IEC (male)	5 ... 862 MHz	5.5 dB
IEC (female)	5 ... 862 MHz	5.5 dB
F socket	950 ... 2400 MHz	2 dB

**Aerial socket 4-hole single socket**  
[order no. 459410]



Connection	Input	Frequency range	Attenuation
IEC (male)	IN 1	47 ... 68 MHz	2 dB
		254 ... 862 MHz	2 dB
IEC (female)	IN 1	87.5 ... 230 MHz	1.5 dB
F socket 1	IN 1	950 ... 2150 MHz	2 dB
F socket 2	IN 2	5 ... 2150 MHz	2 dB

**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 programme contents in conjunction with DVI and HDMI.

**MPEG (Moving Picture 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 for cable.



**Interface standard**

**USB (Universal Serial Bus)** [USB/3.5 mm audio 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. (Plug&Play). 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 und 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 Dolby 2.0 with activated Dolby Surround-Flag). 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 disc media such as HD-DVD and 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 x 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	

Tab. 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

Digital video formats	
VCD	352 x 288 pixels
SVCD	576 x 480 pixels
DVD	max. 720 x 576 Pixel
Blu-ray Disc	max. 1920 x 1080 Pixel

Tab. 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.

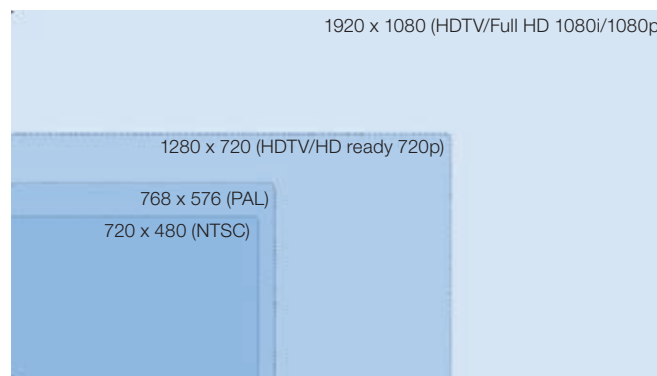


Fig. 1: Format comparison

**Connectors**

**Jack connector**

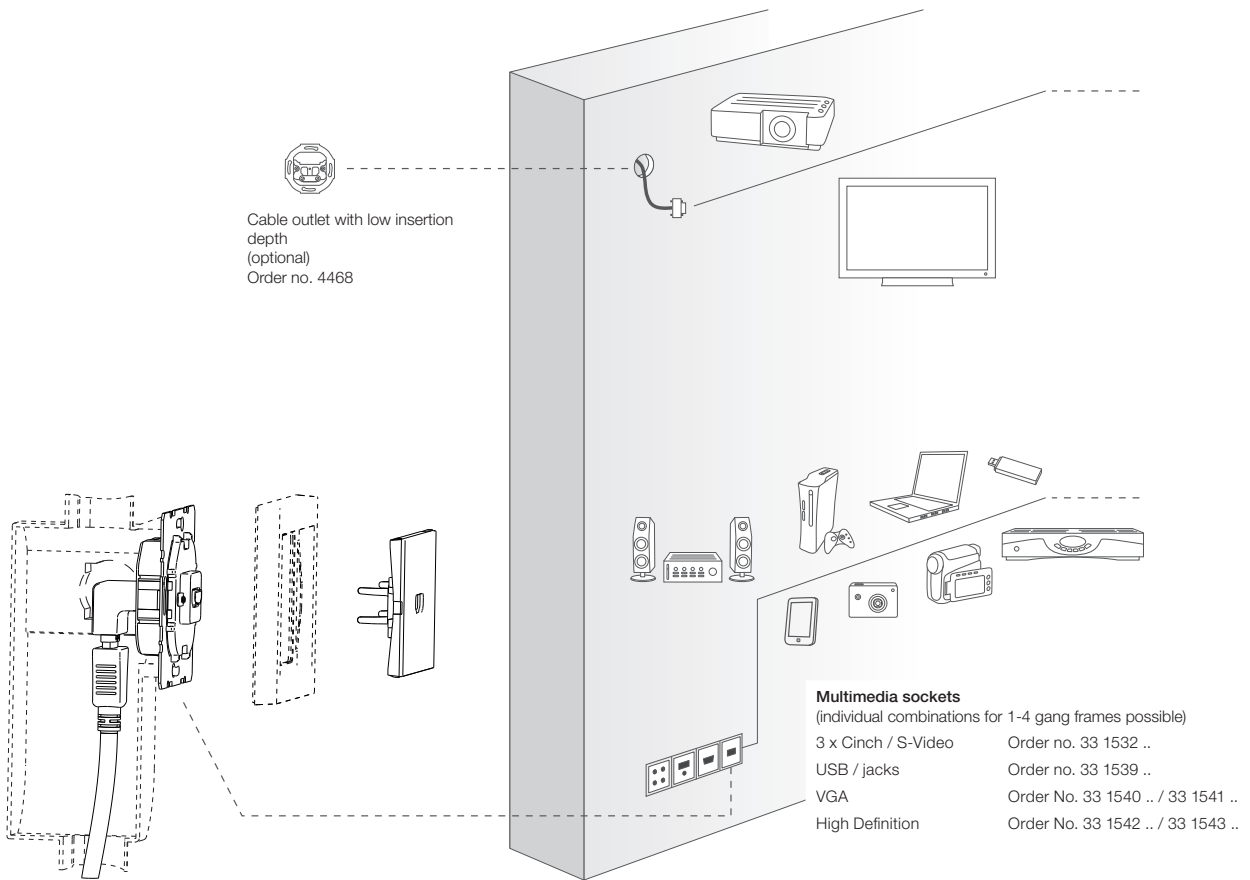
[USB/3.5 mm audio socket outlet, order no. 33 1539 ..]



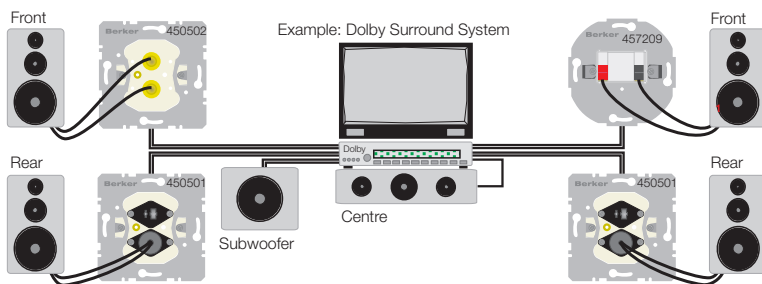
(usually 2.5 or 3.5 mm Ø) to connect portable audio playback devices (e.g. iPod, CD/DVD or MP3 player) to AV receiver or amplifier.

**Application example for Berker Multimedia socket outlets**

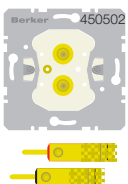
for flush-mounted or hollow-wall mounting



**Application example loudspeaker socket outlet**

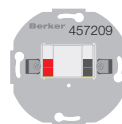


**Loudspeaker socket outlet High End**



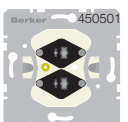
with 2 connectors, 2 banana plugs and 2 cable lugs, gold-plated metal design, for cable cross-section of up to max. 10 mm<sup>2</sup>, for 1 loudspeaker

**Loudspeaker connector box**



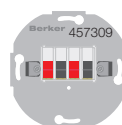
with plug-in terminals, for cable cross-section of up to max. 10 mm<sup>2</sup>, for 1 loudspeaker

**Stereo loudspeaker socket outlet**



with 2 integral speaker sockets to DIN 41529, for 2 speakers

**Stereo loudspeaker connector box**



with plug-in terminals, for cable cross-section of up to max. 10 mm<sup>2</sup>, for 2 loudspeakers



## Berker.Net – The System Concept

### Networking in the system environments

The Berker.Net flush-mounted inserts can be used equally for non-networked as well as for radio networkable modules. They are connected to the loads to be controlled by cable and form a functional unit with the cover.

With the conventional electronic modules the directly connected loads (lighting or shading) can be controlled with a wide range of functions. This takes place on the application module by means of local operation (buttons) or triggered/preset automatic functions (motion detectors, time switches) as well as by wired extension units. The extension units are particularly suitable for implementing several control sections for a load to be controlled.

KNX radio application modules are available for cable connected solutions or for retrofitting/extending existing installations. They communicate with each other as transmitters and receivers via radio signals. The easiest way of teaching transmitters and receivers is via the quicklink principle whereby the devices are switched to the programming mode by pressing a button and the transmitters are also taught

by pressing function buttons for the receivers. The modules with the combinations of plug-in KNX radio modules can work bidirectionally as receivers of radio signals for the directly connected load and can equally serve as transmitters that can control other receivers with additional connected loads.

Teaching by means of quicklink has been conceived for smaller applications so that a maximum of 20 devices should be assigned to each other in these systems.

In the configuration of the KNX radio solutions with ETS software, operation can be transferred even to a wired KNX installation and vice versa by means of a gateway, furthermore other functions are available.

The solution offer is supplemented by KNX radio standalone devices that can also be linked as transmitters (hand-held transmitters, wall-transmitters, motion detectors or physical sensors) or as receivers (surface-mounted or flush-mounted actuators) to the KNX modules on the flush-mounted inserts by quicklink or by ETS commissioning.

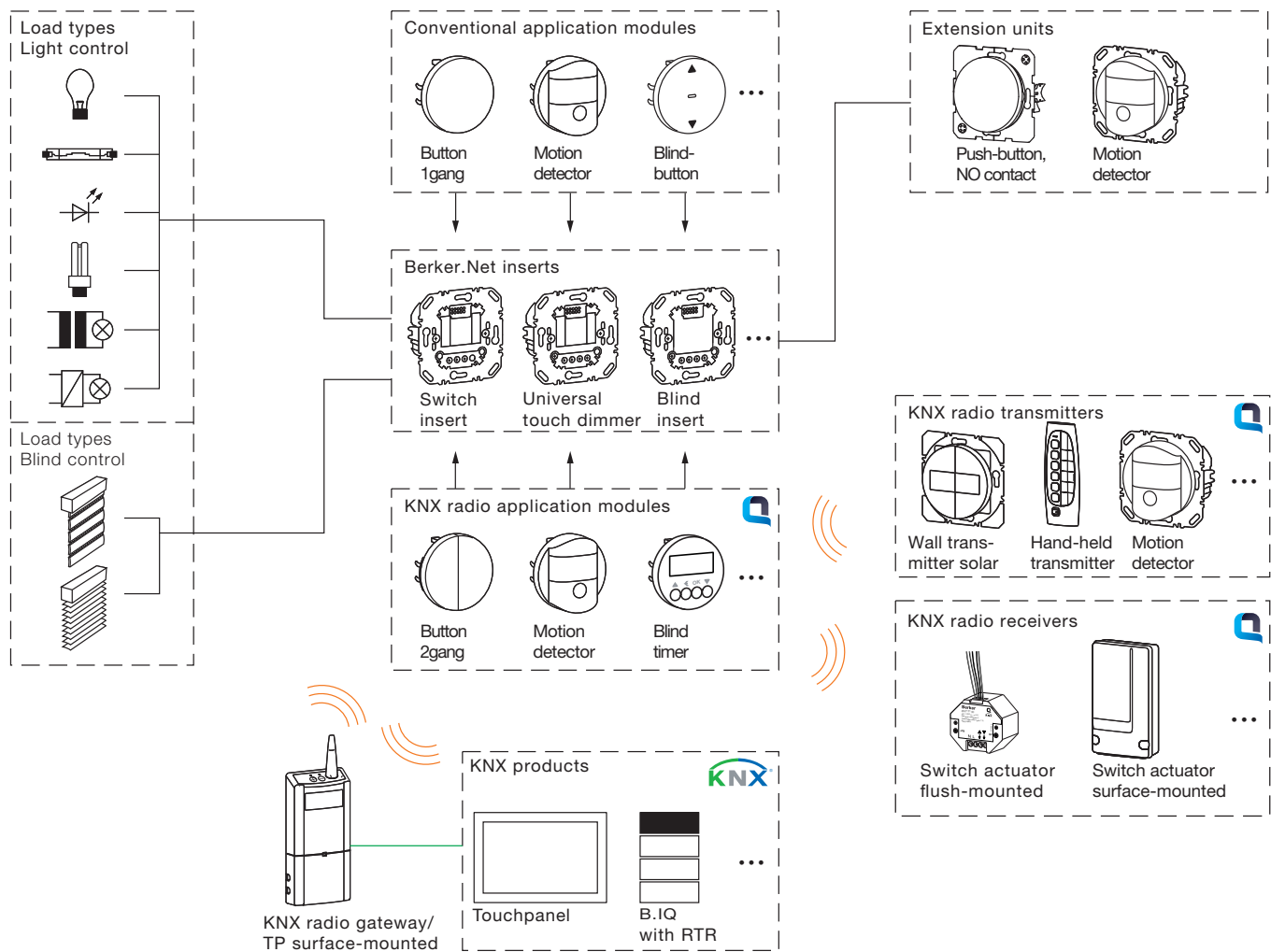


Figure 1: Universal system compatibility for almost all types of loads

### Berker.Net inserts

#### Technical data

Berker.Net switch inserts	
Operating voltage	230 V~, + 10 %/- 15 %
Frequency	50/60 Hz
Number of substations:	unlimited
Cable length extension units	max. 50 m
Load cable length	max. 100 m
Relative humidity	0 ... 65 % (no condensation)
Operating temperature	- 5 ... + 45 °C observe operating conditions
Screw terminals	max. 1 x 2.5 / 2 x 1.5 mm <sup>2</sup>

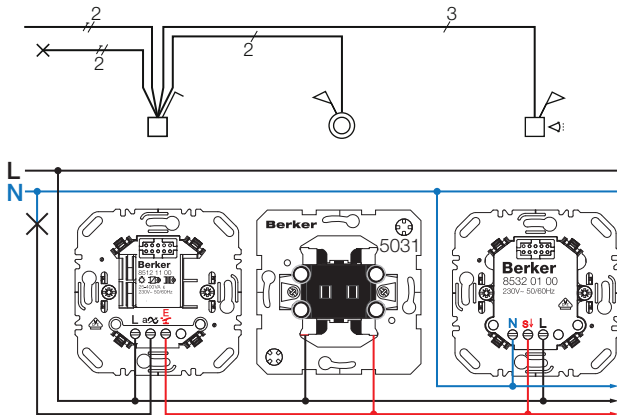
- Illuminated mechanical push-buttons must be connected to a neutral conductor.
- Operation of extension units is only possible if a module is attached to the main unit.
- Conventional transformers should be operated with at least 25 % nominal load. Nonetheless, 75 % is recommended because in individual cases, depending on the transformer, unstable switching performance may occur.
- During operation with conventional transformers, fuse each transformer on the primary side according to manufacturer's data. Use safety transformers that comply with EN 61558-2-6 (VDE 0570 Part 2-6) only.
- No mixed load operation of capacitive and inductive loads at the output.

## Switch inserts

### Switch insert 1gang [order no. 8512 11 00]

Suitable modules: Button 1gang, motion detector, IR motion detector Comfort, KNX radio button 1gang and 4gang as well as KNX radio motion detector

- i** Extension units for motion detectors can only be used if the switch insert is operated with a motion detector module.
- i** Only connect dimmable lamps, their transformers or operating devices. Observe manufacturer's data.
- i** The switching performance for the connection of different loads or energy-saving lamps and 230 V LED lamps can only be optimized by means of a load setting mode.
- i** Install a circuit breaker of max. 16 A as device protection.



**Figure 1:** Switch insert with push-button (NO contact), and motion detector extension unit

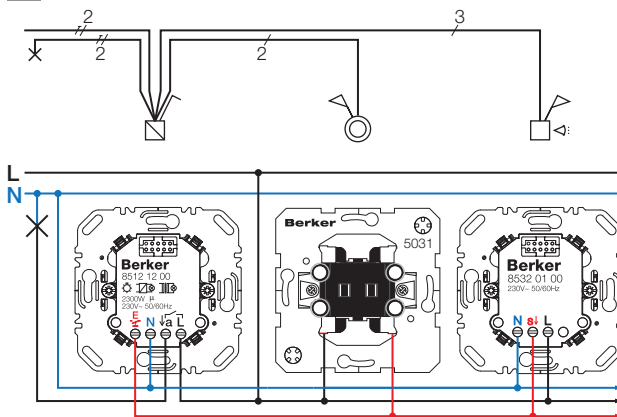
#### Technical data

Switch insert 1gang	Order no. 8512 11 00
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
Insertion depth	32 mm

### Relay insert [order no. 8512 12 00]

Suitable application modules: Button 1gang, motion detector, IR motion detector Comfort, KNX radio timer, KNX radio button 1gang and 4gang as well as KNX radio motion detector

- i** Extension units for motion detectors can only be used if the switch insert is operated with a motion detector module.
- i** Install a miniature circuit breaker of max. 10 A as device protection.



**Figure 2:** Relay insert with push-button (NO contact), and extension unit for motion detector

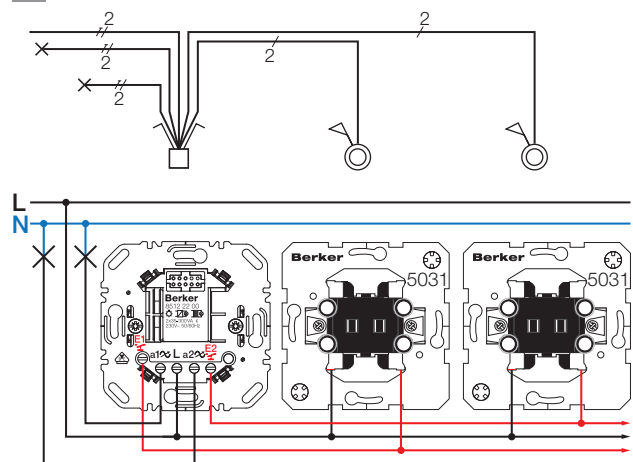
#### Technical data

Relay insert	Order no. 8512 12 00
230 V incandescent lamps and halogen lamps	2300 W
230 V retrofit LED lamps	440 W
Dimmable energy-saving lamps	440 W
Dimmable conventional transformers	1500 VA
Electronic transformers and dual-mode transformers	1500 W
Fluorescent lamps:	
– uncompensated	1100 VA
– parallel compensated	1000 W / 130 µF
– in lead-lag circuit	1000 W
– with electronic ballast	1000 W
Minimum contact load	≈ 15 W
Housing installation depth	22 mm
Claw guidance installation depth	32 mm

### Switch insert 2gang [Order number 8512 22 00]

Suitable application modules: Button 2gang and KNX radio button 2gang and 4gang

- i** Installation in deep wall box recommended.
- i** Only connect dimmable lamps, their transformers or operating devices. Observe manufacturer's data.
- i** The switching performance for the connection of different loads or energy-saving lamps and 230 V LED lamps can only be optimized by means of a load setting mode.
- i** Install a circuit breaker of max. 16 A as device protection.
- i** For power supply, a load must be connected to output 1 of the switch insert 2gang.
- i** Extension units for motion detectors are not suitable for the switch insert 2gang.
- i** Operating both outputs on a joint load will destroy the device.



**Figure 3:** Switch insert 2gang with extension unit push-button (NO contact)

#### Technical data

Switch insert 2gang	Order no. 8512 22 00
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
Insertion depth	32 mm

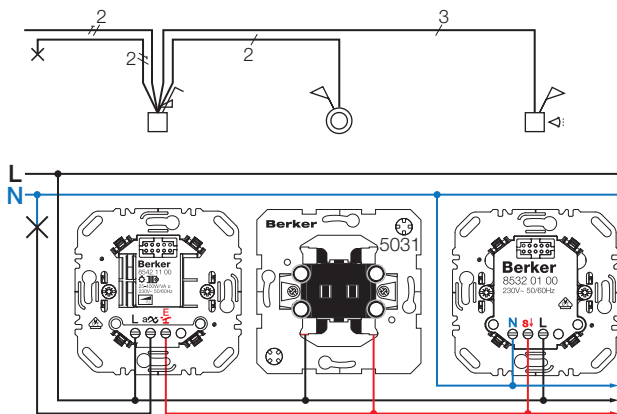
## Dimmer inserts

- i** Only connect dimmable lamps, their transformers or operating devices. Observe manufacturer's data.
- i** Install a circuit breaker of max. 16 A as device protection.

### Touch dimmer (R, L) [order no. 8542 11 00]

Suitable modules: Button 1gang, motion detector, IR motion detector Comfort, KNX radio button 1gang and 4gang as well as KNX radio motion detector

- i** Extension units for motion detectors can only be used when the touch dimmer is operated with a motion detector application module.



**Figure 4:** Touch dimmer (R, L) with push-button (NO contact) and extension unit for motion detector

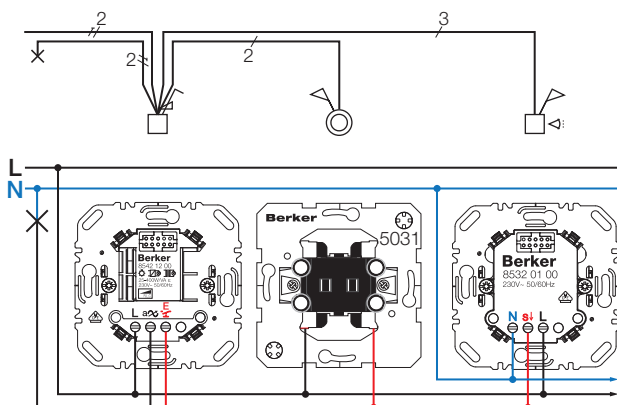
#### Technical data

Touch dimmer (R, L)	Order no. 8542 11 00
230 V incandescent lamps and halogen lamps	25 ... 400 W
Dimmable conventional transformers	25 ... 400 VA
Number of universal capacity enhancers	max. 2
Insertion depth	32 mm

### Universal touch dimmer, 1gang, [order no. 8542 12 00]

Suitable modules: Button 1gang, motion detector, IR motion detector Comfort, KNX radio button 1gang and 4gang as well as KNX radio motion detector

- i** Extension units for motion detectors can only be used when the touch dimmer is operated with a motion detector application module.
- i** When a load is connected, this is detected automatically and a suitable dimming performance is set. If different loads or energy-saving lamps and 230 V LED lamps are connected, the dimming performance can be further optimized by means of a load setting mode.



**Figure 5:** Universal touch dimmer 1gang with push-button (NO contact) and extension unit for motion detector

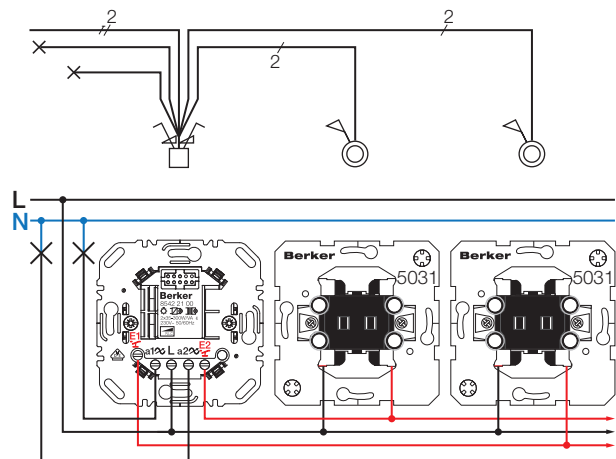
## Technical data

Universal touch dimmer 1gang	Order no. 8542 12 00
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
Insertion depth	32 mm

### Universal touch dimmer, 2gang [order no. 8542 21 00]

Suitable application modules: Button 2gang and KNX radio button 2gang and 4gang

- i** Installation in deep wall box recommended.
- i** Install a circuit breaker of max. 16 A as device protection.
- i** When a load is connected, this is detected automatically and a suitable dimming performance is set. If different loads or energy-saving lamps and 230 V LED lamps are connected, the dimming performance can be further optimized by means of a load setting mode.
- i** For power supply, a load must be connected to output 1 of the touch dimmer 2gang.
- i** Extension units for motion detectors are not suitable for the switch insert 2gang.
- i** Operating both outputs on a joint load will destroy the device.



**Figure 6:** Universal touch dimmer 2gang with extension unit push-button (NO contact)

#### Technical data

Universal touch dimmer 2gang	Order no. 8542 21 00
Power consumption (standby)	< 0.3 W channel 1 < 0.7 W channel 2
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
Insertion depth	32 mm



## Blind insert comfort [order no. 8522 11 00]

Suitable application modules shutter button, shutter timer, KNX radio shutter button and KNX radio timer

**i** Install a circuit breaker of max. 16 A as device protection.

### Technical data

Blind insert comfort	Order no. 8522 11 00
Operating voltage	230 V~, + 10 %/- 15 %
Frequency	50/60 Hz
Switching current (cos $\Phi = 0.6$ )	3 A
Change-over time for change of direction	0.6 s
Number of substations:	unlimited
Cable length extension units	max. 50 m
Load cable length	max. 100 m
Relative humidity	0 ... 65 % (no condensation)
Operating temperature	- 5 ... + 45 °C
Housing installation depth	22 mm
Claw guidance installation depth	32 mm
Screw terminals	max. 1 x 2.5 / 2 x 1.5 mm <sup>2</sup>

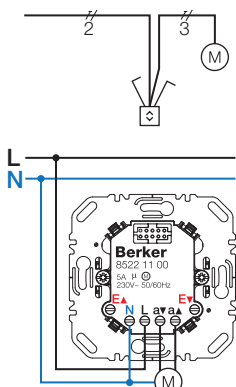


Figure 7: Single control

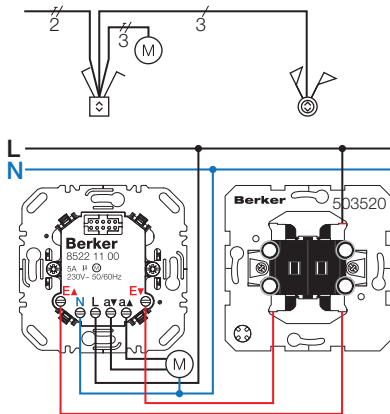


Figure 8: Individual control with key push-button for blind series push-button

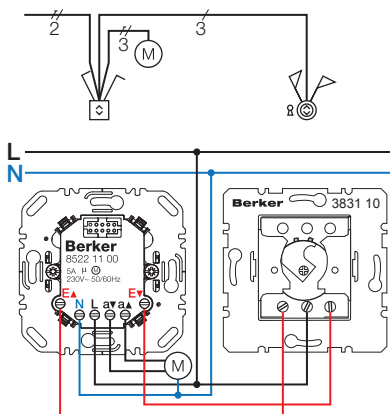


Figure 9: Individual control with extension unit push-button for blinds 1pole for lock cylinder

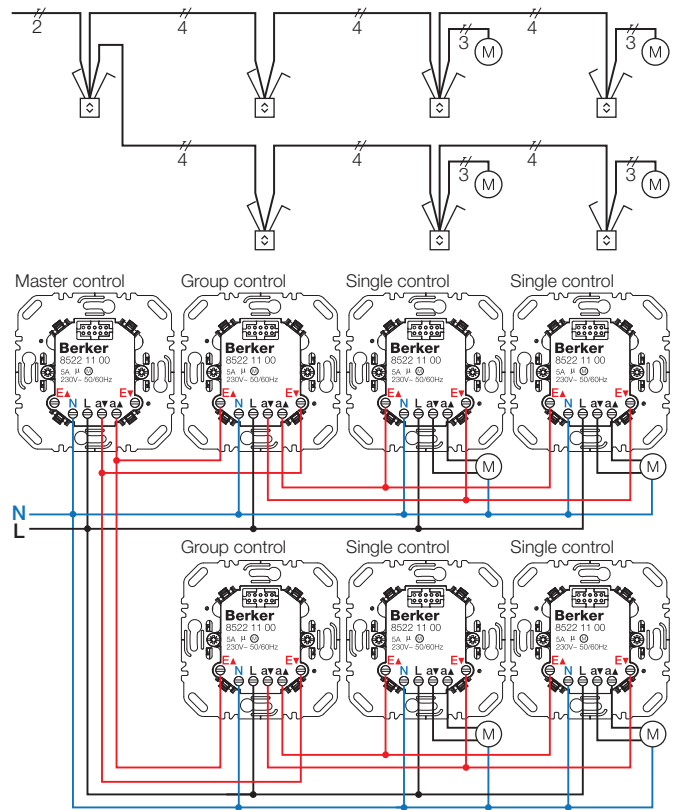


Figure 10: Master and group control

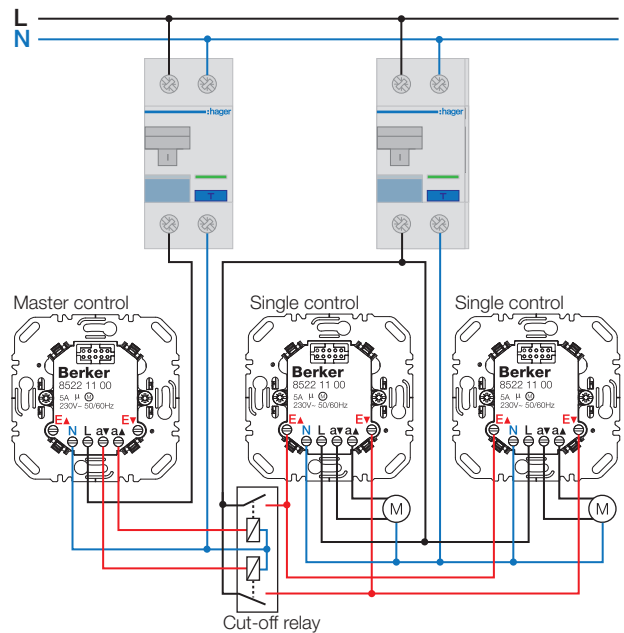
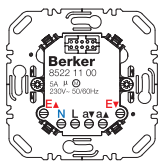


Figure 11: Operation with several residual current circuit-breakers

## Sensors for extension unit connections

### Connection of the sensors to the insert

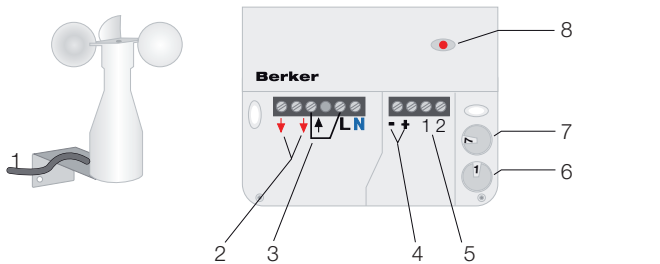


- ▲ Input for extension unit UP
- ▼ Input for extension unit DOWN

**Figure 1:** Extension unit inputs on blind insert comfort

- i** Covers from the 3rd quarter 2015 can only be used for connected sensors. The operation of sensors with covers of an older series will lead to functional errors.
- i** The control command is present for the duration of the signal on the extension unit input.

### Wind sensor [172 01] and interface surface-mounted for wind sensor [173]



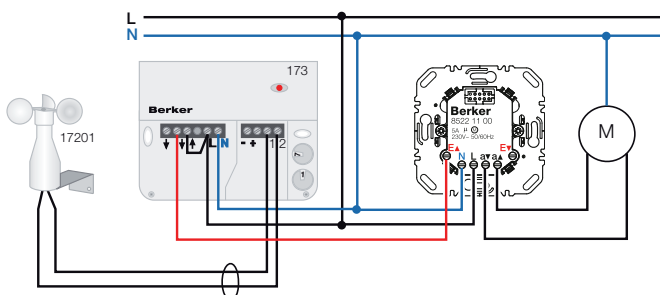
- |   |   |
|---|---|
| 1 Wind sensor connection cable              | 5 Connecting terminals for wind sensor heating            |
| 2 Output for wind alarm signal              | 6 Rotary switch for wind sensor type contact              |
| 3 Input terminal for potential-free contact | 7 Rotary switch for limit value setting of the wind speed |
| 4 Connecting terminals for wind sensor      | 8 Test-LED  |

**Figure 2:** Device overview

To protect awnings and outside blinds against damage from wind. The wind sensor detects the wind speed. If the set threshold value is exceeded for at least 15 seconds, the awning/blind is retracted.

- i** The wind alarm has top priority, i.e. the hanging is always raised and locked in the event of a wind alarm. The unlocking takes place automatically if the threshold value is not reached for at least 15 minutes.

### Installation and electrical connection



**Figure 3:** Connection of the wind sensors to the blind insert comfort

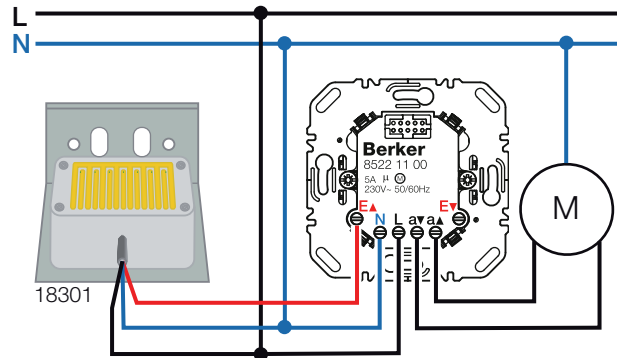
The material of the wind sensor is UV-resistant and can be exposed to direct sunlight.

- i** Do not mount the wind sensor in wind shadow.
- i** The device must be mounted upright with the overhead wind turbine.
- i** Cable type recommendation: JY-St-Y 2 x 0.6 mm<sup>2</sup>  
Connect shield to "negative" to prevent interference. Lay the sensor cable at least 10 cm away from 230 V cables.

## Precipitation sensor [183 01]

The purpose of the sensor, for example, is to protect awnings from rain. If the precipitation sensor detects precipitation, the awning/blind is retracted. The changeover relay remains on until the sensor is dry again, or for at least 10 minutes. The integrated heating accelerates the drying process of the sensor surface and also thaws snow and ice.

### Installation and electrical connection



**Figure 4:** Connecting the precipitation sensor to the blind insert comfort

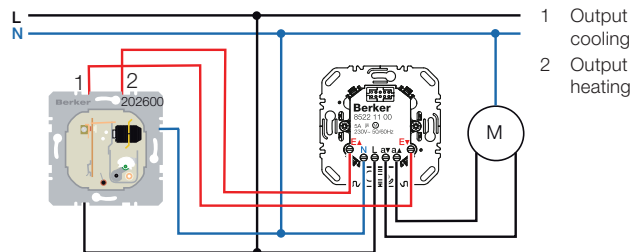
The mounting should be slightly inclined. Use the enclosed mounting bracket.

- i** The change-over contact can be used for 230 V as well as for protective low voltage.

## Room thermostat with change-over contact [2026 ..]

A room thermostat should be connected to the extension unit inputs for the temperature-dependant control of blinds and roller shutters in indoor areas, e.g. in winter gardens.

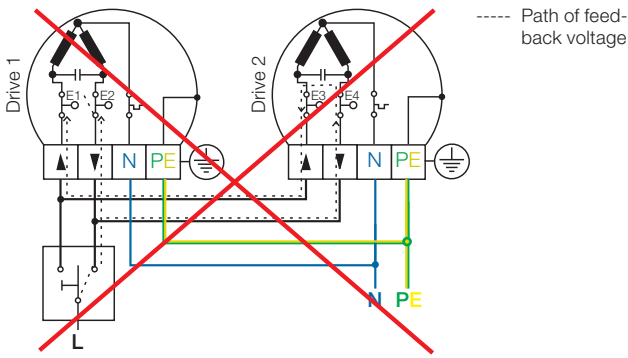
### Electrical connection



**Figure 5:** Connecting a room thermostat change-over contact to the blind insert comfort

- i** Connect thermostat only to extension unit input 1 or 2 if necessary. The movement in the opposite direction is then done manually, time-controlled or centrally/group controlled.

**Connection error on parallel switching of conventional tubular motors**



**Fig. 1:** Parallel-switched conventional tubular motors

When the switch is actuated, both drives are switched to the same direction of running. If drive 1 has reached the final position, the final position switch E2 opens. Drive 2 can still be functioning, however, and actuates drive 1 in the opposite running direction by means of a feedback voltage via its capacitor. Thus E2 is shut again after a short time. As a result, drive 1 runs in the original direction again until the contact L2 is reopened.

These switching operations can be seen as a pendulum motion of the hanging. Since the feedback voltage may be up to 1000 V and many switching position changes occur in a very short time, final position switch E2 is overloaded. This will inevitably cause the contacts to weld together. This deactivates the final switch-off in this running direction and the motors are destroyed.

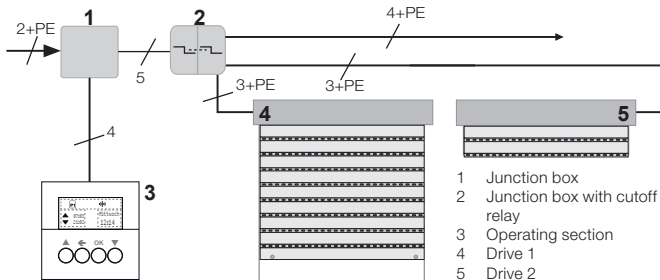
**i** Overloading of the limit switches through parallel switching of conventional tubular motors. Motors or hangings may be destroyed. For joint control, use cutoff relays or electronic tubular motors, such as those from Elero or Selve.

**Cutoff relay**

Cutoff relays are mounted in water-protected junction boxes or in deep flush-mounted wall boxes, e.g. behind a blind plug or a Berker.Net insert. Cutoff relays RMD are snapped onto the 35 mm DIN hat profile rail. The following variants are available, depending on the desired operating concept

- Cutoff relay surface-mounted/flush-mounted, order no. 2930 and cutoff relay RMD, order no. 2931 for simultaneous movement of two motors using one operating section.
- Cutoff relay surface-mounted/flush-mounted, order no. 2969 and cutoff relay RMD, order no. 2919: with extension unit outputs, for simultaneous movement of two motors using one operating section.

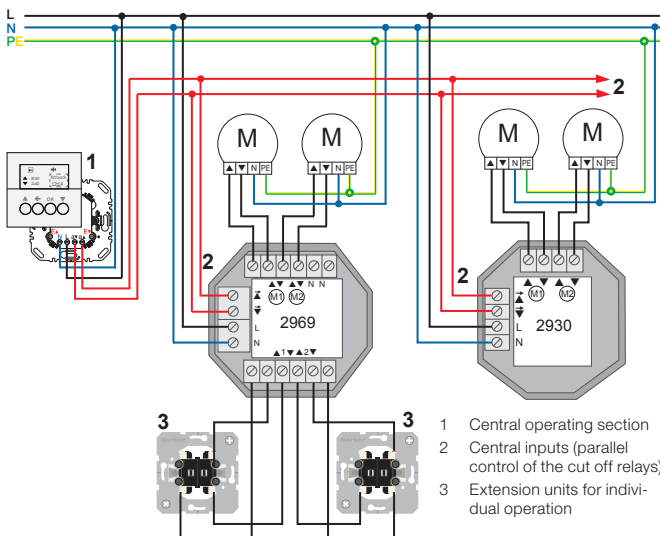
**i** Connect a maximum of 6-8 motors to one miniature circuit-breaker (note current consumption). Additional miniature circuit-breakers should be planned for extensions.



**Fig. 2:** Installation plan for cutoff relay

**Connection of motors with cutoff relay surface-mounted/flush-mounted [Order no. 2930, 2969]**

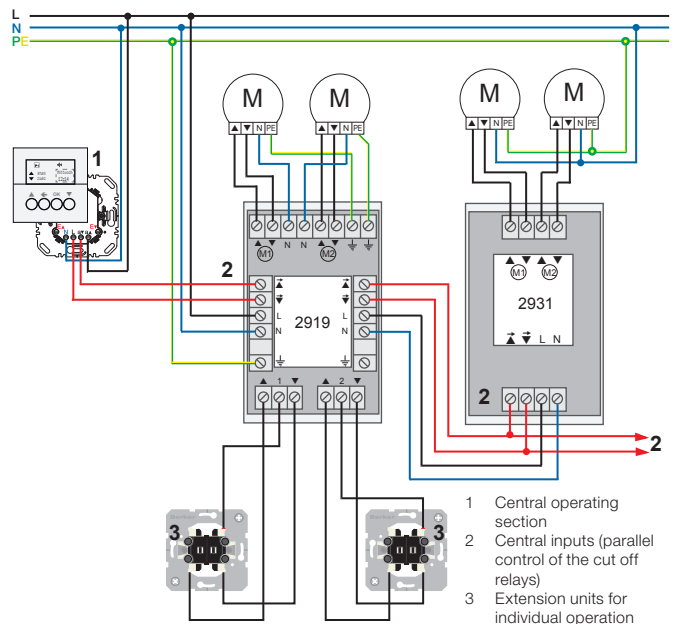
Neutral conductor required at the terminal connection.



**Fig. 3:** Connection diagram for cutoff relay surface-mounted/flush-mounted

**Connection of motors with cutoff relay RMD [Order no. 2931, 2919]**

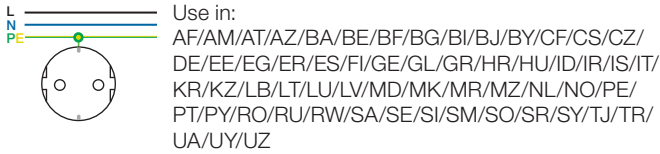
Neutral conductor required at the terminal connection.



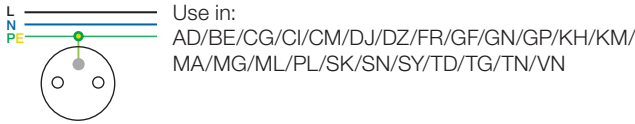
**Fig. 4:** Connection diagram for cutoff relay RMD

Technical data	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	at least 0.5 s
Operating temperature	0 ... 60 °C
Degree of protection	IP20
Small screw terminal connections	
- single stranded	0.5 ... 2.5 mm <sup>2</sup>
- finely stranded with conductor sleeves	0.5 ... 1.5 mm <sup>2</sup>
Large screw terminal connections (mains and master input, only flush-mounted device with extension units)	
- single stranded	0.5 ... 4 mm <sup>2</sup>
- finely stranded with conductor sleeves	0.5 ... 2.5 mm <sup>2</sup>
Dimensions (W x H x D)	
- Order no. 2930	50 x 52 x 22 mm
- Order no. 2969	53 x 50 x 25 mm
- Order no. 2919, 2931 (RMD)	45 x 71 x 42 mm
Assembling height as from DIN rail	
- Order no. 2919	39 mm
- Order no. 2931	38 mm

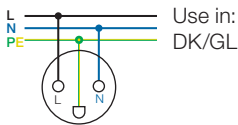
## International socket outlets



**Fig. 1:** SCHUKO socket outlet\* - 2-pin + earth, 250 V~, 16 A



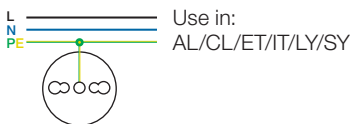
**Fig. 2:** Socket outlet with earthing pin FRANCE/BELGIUM\* - 2-pin + earth, 250 V~, 16 A



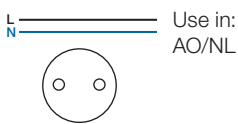
**Fig. 3:** Socket outlet with earthing contact DENMARK - 2-pin + earth, 250 V~, 13 A



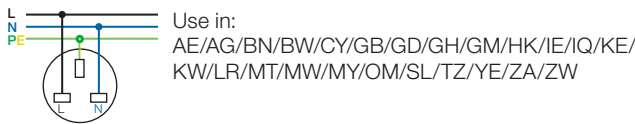
**Fig. 4:** Socket outlet with earthing contact SWITZERLAND - 2-pin + earth, type 13: 250 V~, 10 A; type 23: 250 V~, 16 A



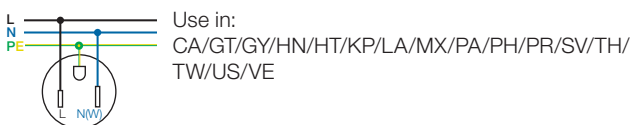
**Fig. 5:** Socket outlet with earthing contact ITALY\* - 2-pin + earth, 250 V~, 16 A



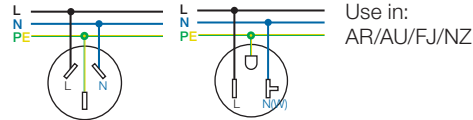
**Fig. 6:** Socket outlet without earthing contact NETHERLANDS\* - 2-pin, 250 V~, 16 A



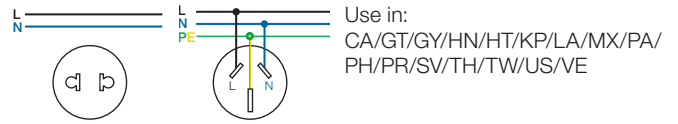
**Fig. 7:** Socket outlet with earthing contact BRITISH STANDARD, standard: BS 1363 Part 2 - 2-pin + earth, 250 V~, 13 A



**Fig. 8:** Socket outlet with earthing contact USA/CANADA NEMA 5-15 R - 2-pole + earth, 125 V~, 15 A (left Fig.); 5-20 R - 2-pole + earth, 125 V~, 20 A (right Fig.)



**Fig. 9:** Socket outlet with earthing contact AUSTRALIA - 2-pin + earth, 250 V~, 10 A (left Fig.); 250 V~, 15 A (right Fig.)



**Fig. 10:** Socket outlet without earthing contact EURO-AMERICAN STANDARD\* - 2-pin, 250 V~, 10 A

\* Non-polarised system - without specification for the connection of the external wire and neutral wire

## Country abbreviations in accordance with ISO 3166

AD=Andorra; AE=United Arab Emirates; AF=Afghanistan; AG=Antigua; AL=Albania; AM=Armenia; AO=Angola; AR=Argentina; AT=Austria; AU=Australia; AZ=Azerbaijan; BA=Bosnia and Herzegovina; BE=Belgium; BF=Burkina Faso; BG=Bulgaria; BI=Burundi; BJ=Benin; BN=Brunei; BW=Botswana; BY=Belarus; CA=Canada; CF=Central Africa Republic; CG=Congo; CH=Switzerland; CI=Côte d'Ivoire; CL=Chile CM=Cameroon; CS=Serbia and Montenegro; CY=Cyprus; 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=United Kingdom; GD=Grenada; GE=Georgia; GF=French Guiana; 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=Ruanda; SA=Saudi Arabia; SE=Sweden; SI=Slovenia; SK=Slovakia; SL=Sierra Leone; SM=San Marino; 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

# SCHUKO socket outlet with residual current circuit breaker/ Residual current circuit-breaker/making current limiter

**:hager**

## SCHUKO socket outlet with residual current circuit-breaker [Order no. 4708 ..] / Residual current circuit-breaker [Order no. 2844]

The SCHUKO socket outlet with residual current circuit-breaker and the residual current circuit-breaker must be used anywhere that the use of residual-current safety 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 safety devices  $\geq 30$  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:  
see DIN VDE 0100-410 (VDE 0100-410): 2007-6, part 411.3.3.

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  $\geq 30$  mA. The test button "T" can be used to test the electrical and mechanical functionality. The integrated switch lever can be used to switch on the SCHUKO socket outlet with residual current circuit-breaker and the residual current circuit-breaker again after triggering (when testing or after eliminating the fault).

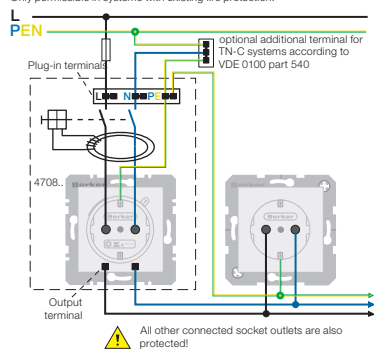
Further information upon request

Technical data	SCHUKO socket outlet with residual current circuit-breaker order no. 4708 ..
Rated voltage	230 V~, 50/60 Hz
rated current	16 A
Residual-current protected outgoing feeders	L, N
Rated fault current	30 mA alternating currents and pulsating direct currents
Trigger time	$\leq 30$ ms
Surge resistance	250 A (8/20) $\mu$ s (DIN VDE 0432 T2)
Rated short circuit capacity	3 kA with back-up fuse 20 A filament lamp
Rated switching capacity $I_m$	500 A
$I^2t$ proof	$\geq 2.5$ kA <sup>2</sup> s
Dynamic surge capacity $I_p$	$\geq 1.7$ kA
Mounting orientation	any
wall box	according to DIN 49073 part 1: 1990-02
Fastening	Claws and screw fastening
Definition	EN 61008 part 1 and 2-1: 1994
Operating temperature	-25 ... 40 °C
Degree of protection	IP20
Connecting terminals	Plug-in terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Insertion depth	32 mm
Scope of delivery	SCHUKO socket outlet with residual current circuit-breaker, enhanced contact protection (child protection) and centre plate

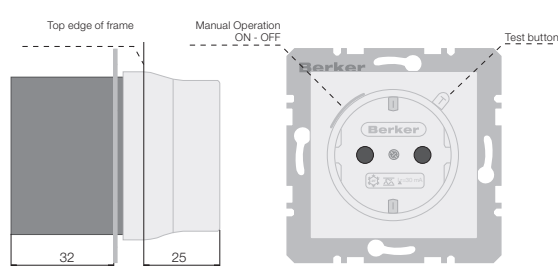
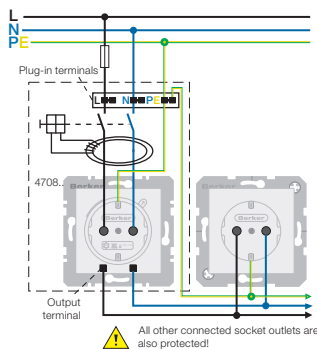
## SCHUKO socket outlet with residual current circuit-breaker

### Connection diagram TN-C mains

Only permissible in systems with existing fire protection.



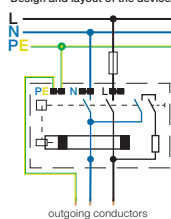
### Connection diagram TN-S or TT mains



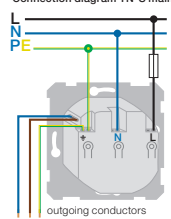
Permissible earthing resistance for 30 mA residual current circuit-breaker for a highest permissible electric shock of:  
- 25 V : 833  $\Omega$   
- 50 V : 1666  $\Omega$

## Residual current circuit-breaker

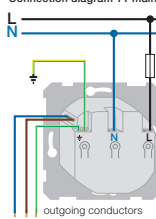
### Design and layout of the device/circuit sketch



### Connection diagram TN-S mains

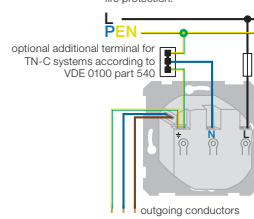


### Connection diagram TT mains



### Connection diagram TN-C mains

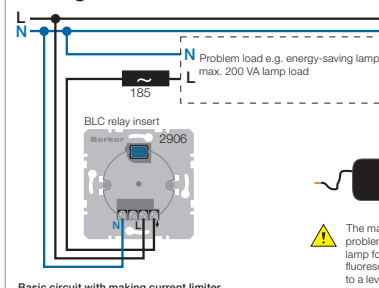
Only permissible in systems with existing fire protection.



Stranded outgoing conductors are only suitable for screw terminals!

Technical data	Residual current circuit-breaker Order no. 2844..
Rated voltage	230 V~, 50/60 Hz
rated current	16 A
Residual-current protected outgoing feeders	L, N
Rated fault current	30 mA alternating currents and pulsating direct currents
Trigger time	$\leq 30$ ms
Surge resistance	250 A (8/20) $\mu$ s (DIN VDE 0432 T2)
Rated short circuit capacity	3 kA with back-up fuse 16 A filament lamp
Mounting orientation	any
wall box	according to DIN 49073 part 1: 1990-02
Fastening	Screw fastening
Definition	EN 61008 part 1 and 2-1: 1994
Operating temperature	-25 ... 40 °C
Degree of protection	IP21
outgoing conductors	stranded 2 x 1.5 mm <sup>2</sup> , approx. 20 cm
Connecting terminals	Plug-in terminals for max. 2.5 mm <sup>2</sup> or 2 x 1.5 mm <sup>2</sup>
Insertion depth	32 mm

## Making current limiter



Basic circuit with making current limiter



The making current limiter limits the lamp making 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 making current limiter is connected in series with the lamp(s). Not suitable for dimmers/electronic switches such as BLC Triac or Tronic insert!

Technical data	Making current limiter order no. 185
connected load	max. 200 VA
Operating temperature	max. 65 °C
Dimensions (L x W x H)	45 x 25 x 12 mm (for 60 mm flush-mounted box)



## Overvoltage protection

Overvoltages are extremely high voltages that impair or even destroy the insulation of electrical and electronic devices as well as their functions. The main causes for overvoltages are lightning discharges, switching operations (inductive loads), electronic discharges or faulty switching.

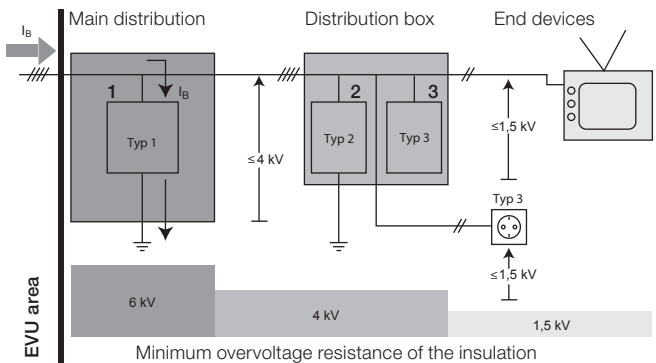
Overvoltage protectors are divided into three categories/types (Tab.1).

Classification	Insert		
	old	VDE IEC 0675	37A
Coarse protection	B surge arrester	Class I	Protection against lightning (power supply, main distributor, ...)
Medium-level protection	C surge arrester	Class II	Protection of the fixed installation (power distribution unit, ...)
Fine protection	D surge arrester	Class III	Protection of devices (house electronics, ...)

**Tab. 1:** Classification of overvoltage protection devices

**i** Sensible overvoltage protection consists of coarse, medium and fine protection.

The arrangement of the overvoltage protection devices in the electrical installation is illustrated in Figure 1 for the different types/classes.



$I_b$  Lightning current

**Figure 1:** Arrangement of the overvoltage protection devices in the electrical installation

## SCHUKO socket outlet with overvoltage protection [4108 .., 4152 ..]

The SCHUKO socket outlet with overvoltage protection is used for protecting power supply units e.g. for:

- Computer systems
- Medical devices
- Measuring, controlling and regulating devices
- TV, video and audio devices

The basic circuitry consists of a combination of varistors and gas-filled surge arresters (Figure 2). Varistors can be overloaded as a result of too high or too frequent overvoltage demand. The result is an increased leakage current through the components. This causes heat to build up. A thermal cut-off device monitors the varistors and disconnects these from the mains before they heat up too much. The mains voltage is still present.

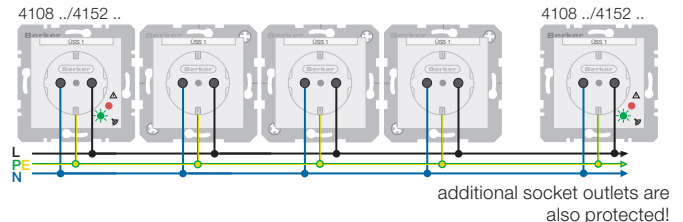
If the cut-off triggers, the red indicator lamp lights up red regardless of whether or not a plug is connected to the socket outlet. If a device is plugged in, an acoustic fault signal (buzzer) sounds and falls silent again as soon as the connector plug is pulled out.

Active indicator lamps on the device indicate:

- Green: Mains voltage is present
- Red (+ acoustic signal): Thermal cut-off device has responded, there is no protection against overvoltages anymore. The SCHUKO socket outlet with overvoltage protection must be replaced.

## Installation instructions:

- Overvoltage protection according to EN 61643-11 and VDE 0675 Section 6-11 surge arrester type 3, One Port
- Requirement class for D surge arrester
- Installation in wall box according to DIN 49 073 Section 1
- Lay lines as short as possible between the load and socket outlet with overvoltage protection. Do not provide more than 4 m including leads of wired-through socket outlets (Figure 4).
- Do not lay protected cables parallel to unprotected cables (over-voltage coupling).



**Figure 2:** Installation in combination with SCHUKO socket outlets

**i** Discharge of overvoltages against ground by means of over-voltage protection can cause the triggering of residual current circuit-breakers. Use a surge resistant residual current circuit-breaker if necessary.

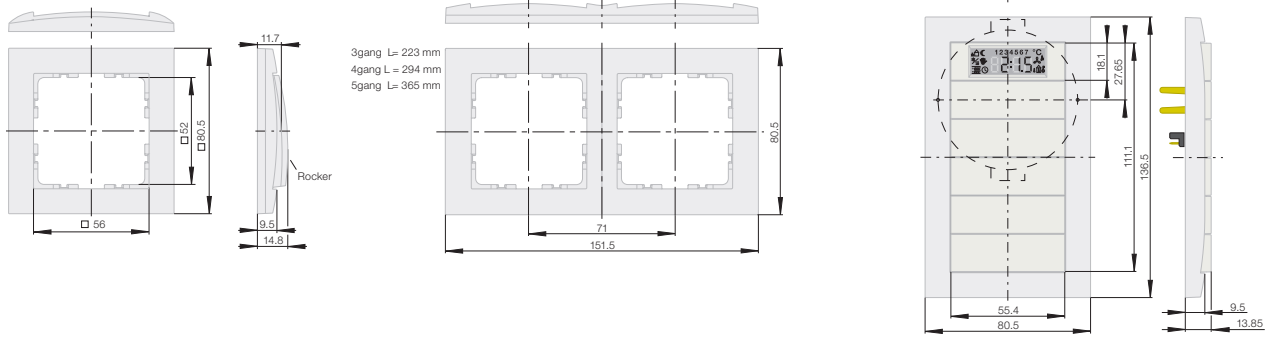
**i** During insulation measurements, all overvoltage protection units must always be disconnected since the protection components limit the test voltage (erroneous measurements).

## Technical data

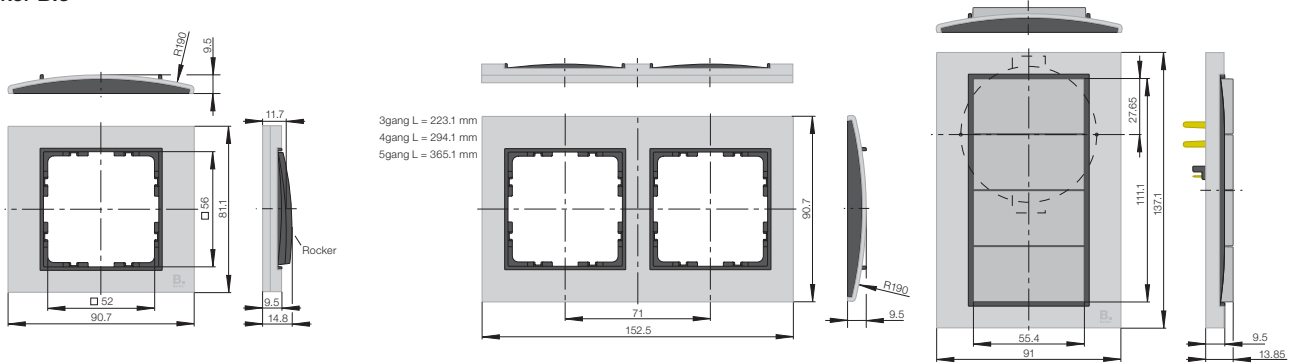
SCHUKO socket outlet with overvoltage protection	Order no. 4108 .., 4152 ..
Rated voltage	230 V~, 50/60 Hz
Rated current $I_N$	16 A
Operating current $I_C$ at $U_r$	< 2.3 mA
Surge arrester rated voltage $U_r$	255 V~
Discharge current according to PE at $U_r$	< 1 $\mu$ A
Rated discharge current of surge protection	1.5 kA (100x)
$I_{sn}$ (8/20) $\mu$ s: sym./asym.	
Discharge current $i_s$ max (8/20) $\mu$ s: sym./asym.	4.5 kA (1x)
Protection level: L/N (L/PE; N/PE)	< 1.2 kV (1.5 kV)
Response time $t_a$ : sym./asym.	25 ns/100 ns
Screw terminals for rigid conductors	2.5 mm <sup>2</sup>
Temperature range	-5 ... 40°C



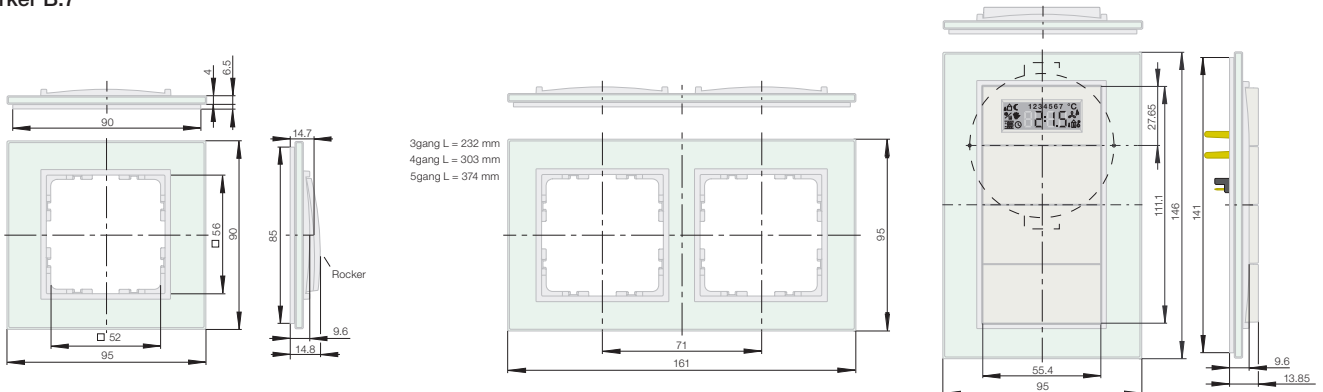
## Berker S.1



## Berker B.3

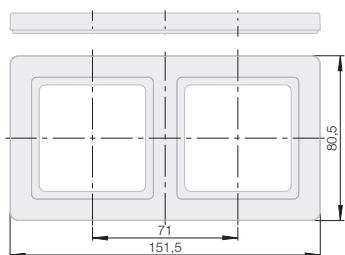
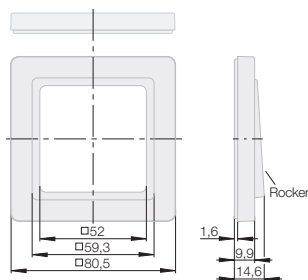


## Berker B.7

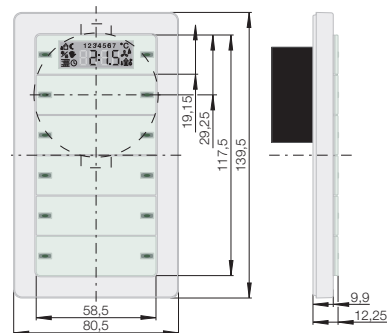




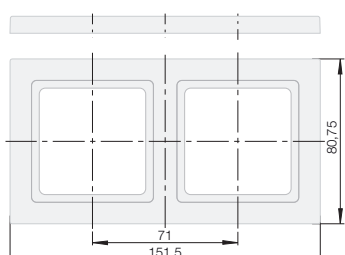
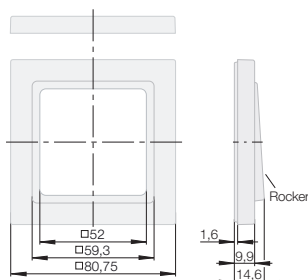
### Berker Q.1



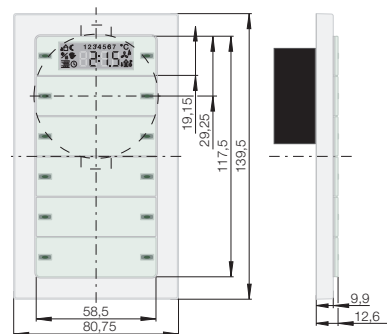
3gang L = 222,5 mm  
4gang L = 293,5 mm  
5gang L = 364,5 mm



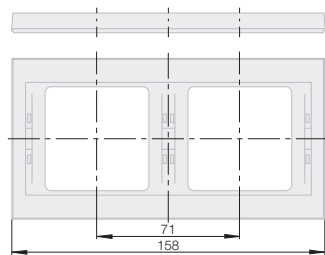
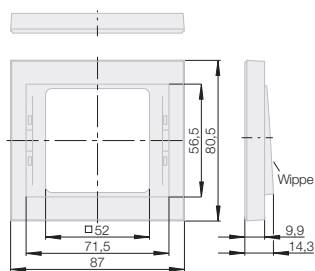
### Berker Q.3



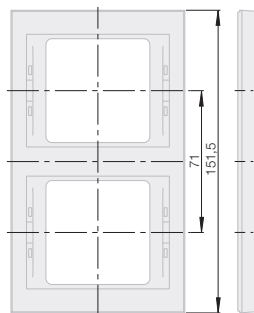
3gang L = 222,5 mm  
4gang L = 293,5 mm  
5gang L = 364,5 mm



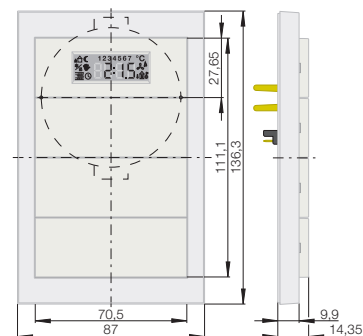
### Berker K.1/K.5



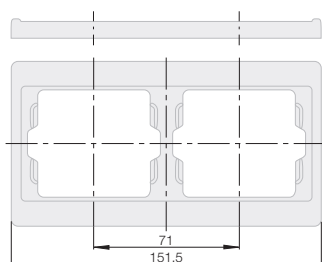
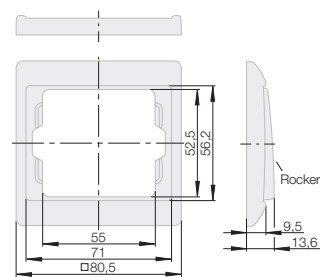
3gang horizontal L = 229 mm  
4gang horizontal L = 300 mm  
5gang horizontal L = 371 mm



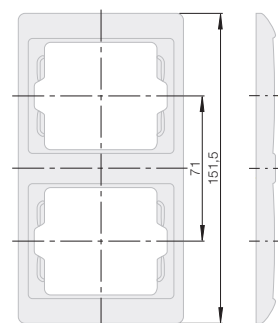
3gang vertical L = 222,5 mm  
4gang vertical L = 293,5 mm  
5gang vertical L = 364,5 mm



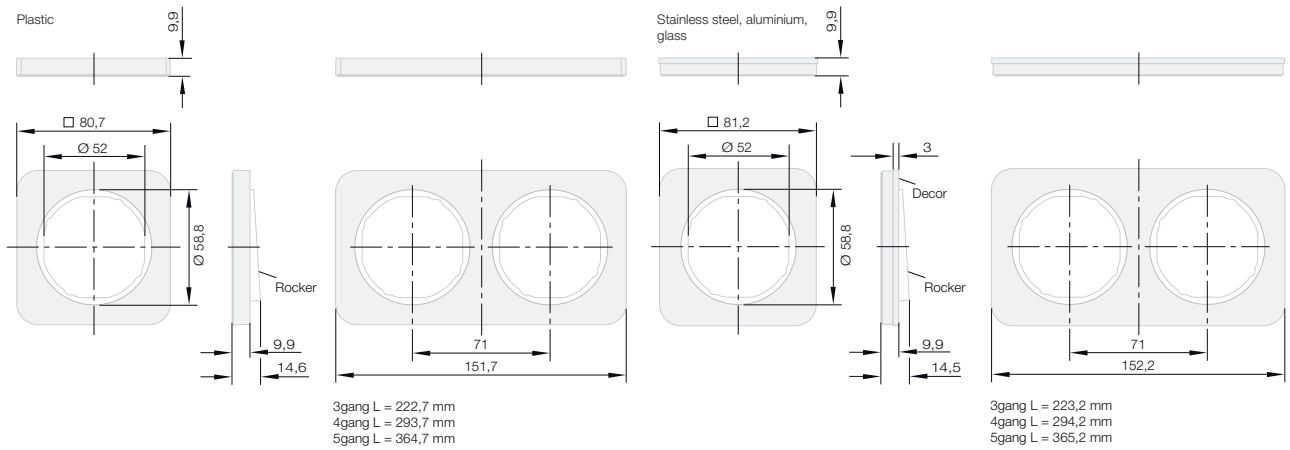
### Berker Arsys



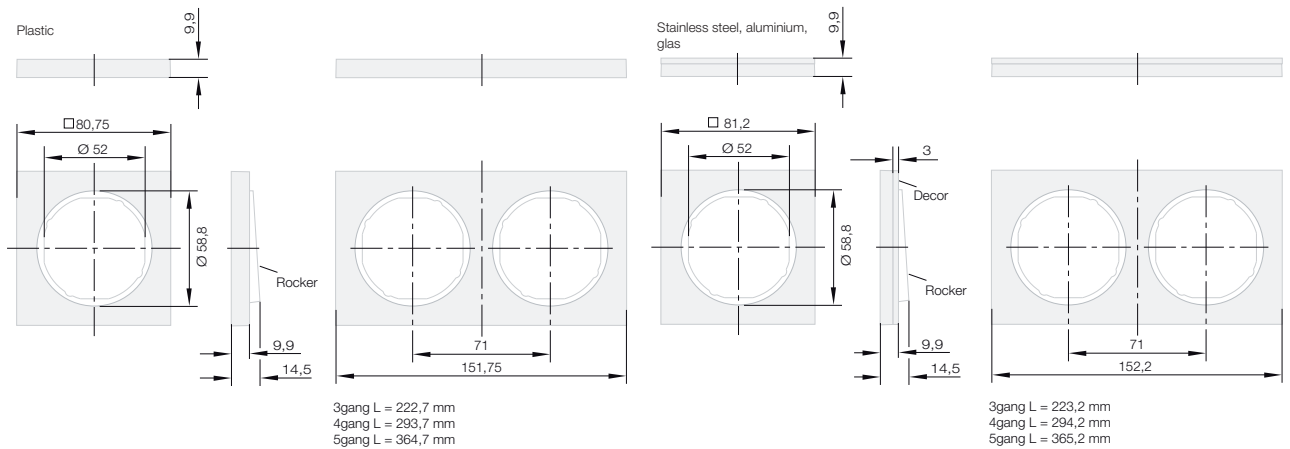
3gang L = 222,5 mm  
4gang L = 293,5 mm  
5gang L = 364,5 mm



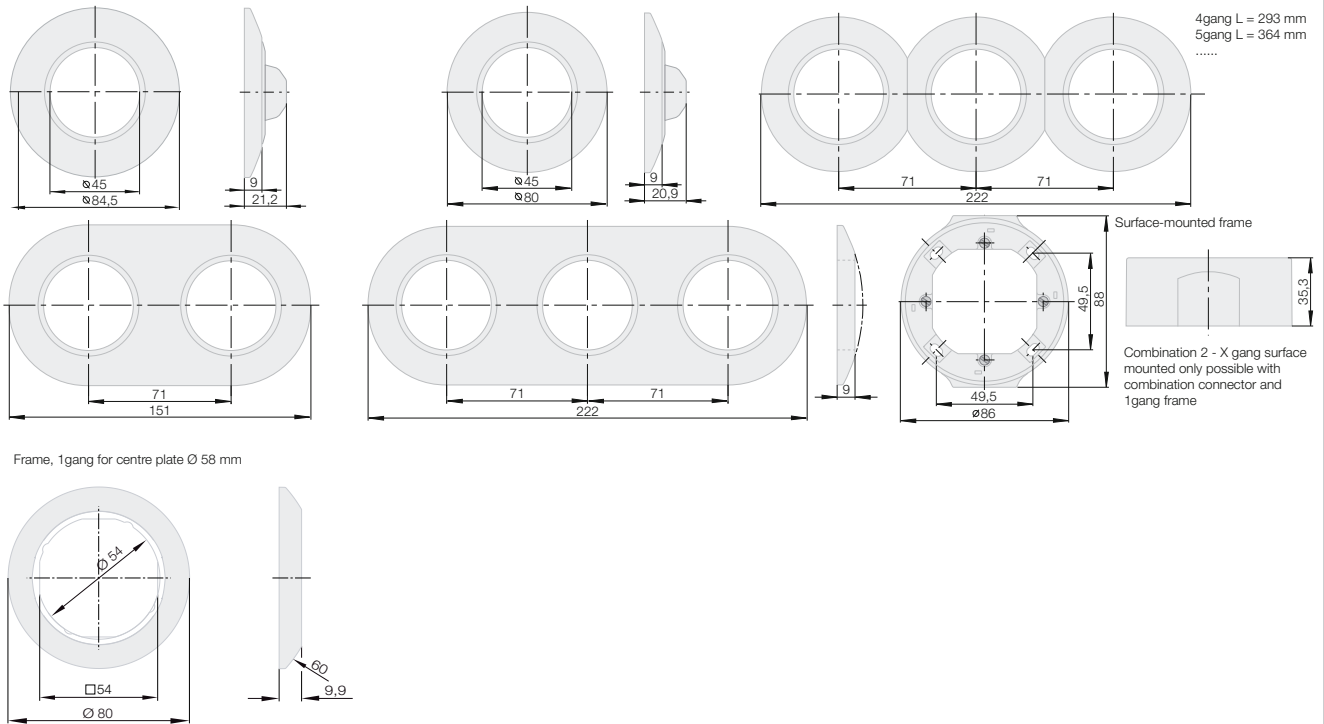
**Berker R.1**



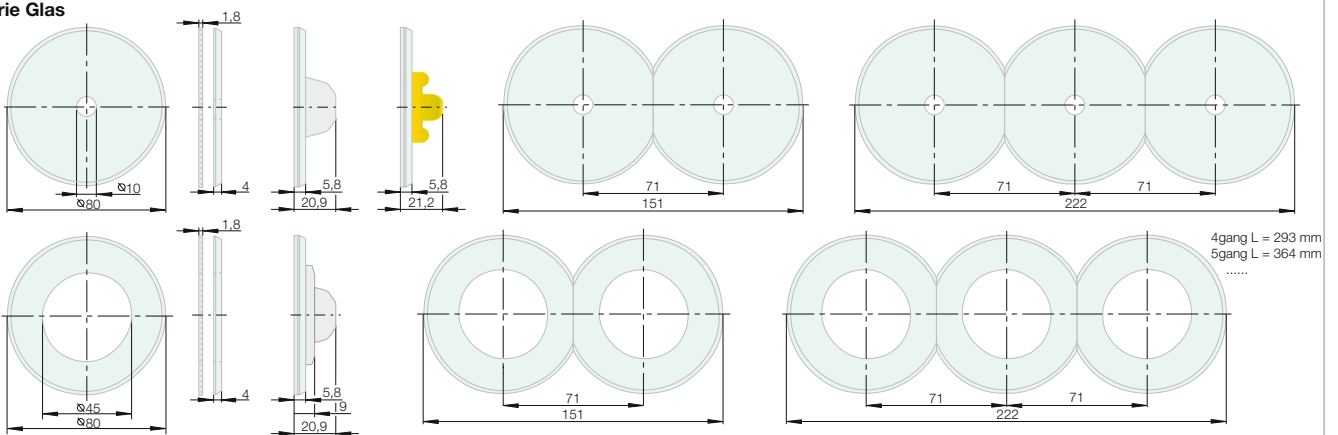
**Berker R.3**



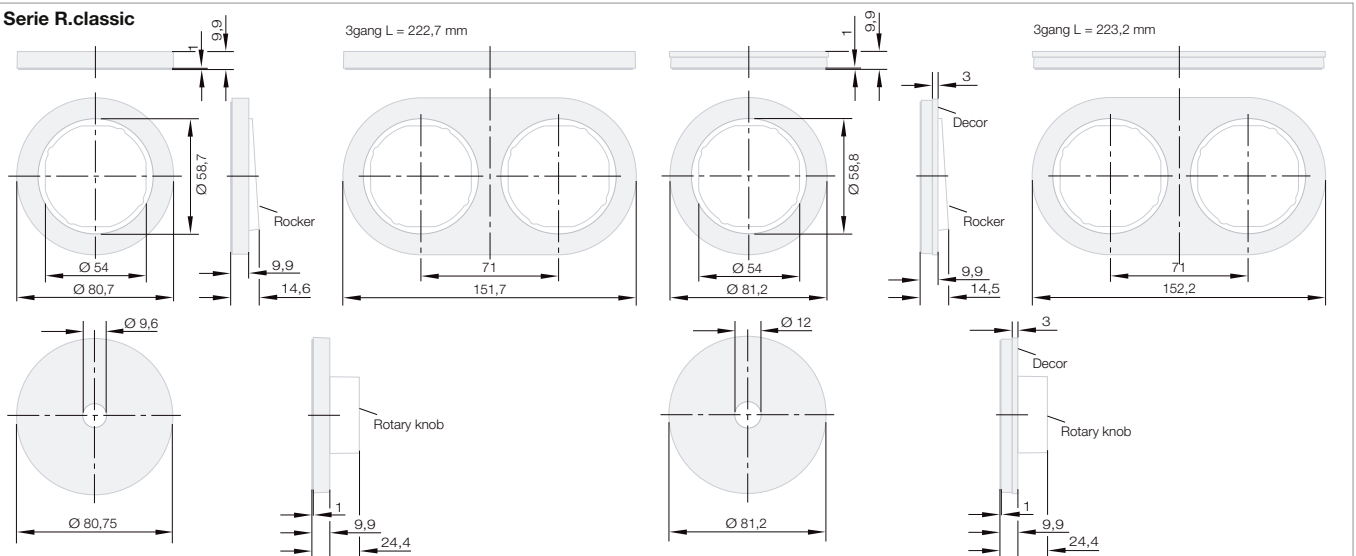
**Serie 1930 Porzellan Made by Rosenthal / Serie 1930**



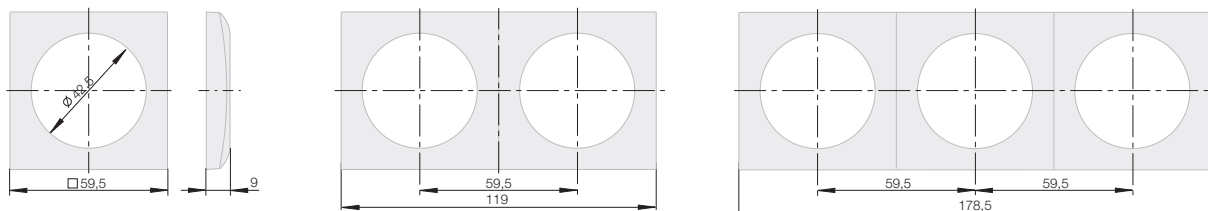
**Serie Glas**



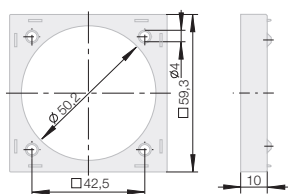
**Serie R.classic**



## Berker Integro Flow



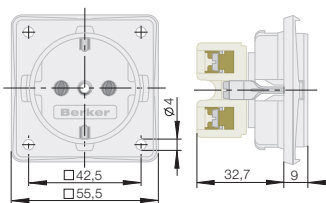
Surface-mounted spacer ring



Surface-mounted housing

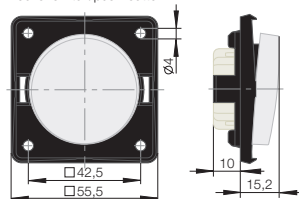


Sockets

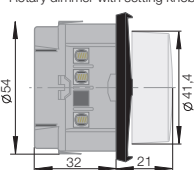


**Attention!**  
To fasten the inserts, use flat headed screws of size M3 or M3.5.

Rocker switch/push-button



Rotary dimmer with setting knob 400 W

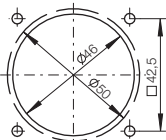


System	Insertion depth
SCHUKO socket	32.7 mm
Socket with earth pin	29.5 mm
Socket without earth contact	29.6 mm
Danish socket	27.5 mm
Swiss socket, type 13	28.0 mm
USA / Canada socket NEMA 5-15 R	19.5 mm
Italian socket	34.0 mm
Australian socket	16.5 mm
Euro-Amerikanischer standard socket	21.3 mm
British Standard socket	20.5 mm

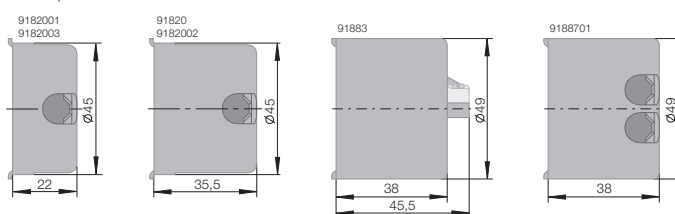
## Berker Integro Flow

Installation cut-out

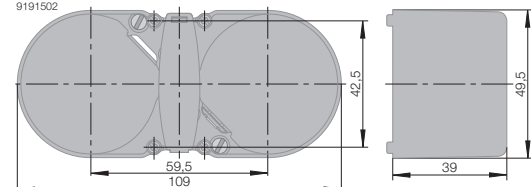
Ø 46 mm or Ø 50 mm  
depending on wall box



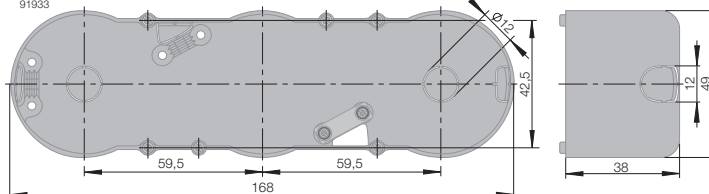
Contact protection boxes





















9191501  
9191502



91933




## 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.
- CE** 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. i453
-  Flush-mounted controller, installation height 1.1 m
-  Flush-mounted controller, installation height 2.2 m
-  Flush-mounted controller, installation height 2.5 m
- μ** Relay with microcontact  
Opening diameter
- ε** 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.

## 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

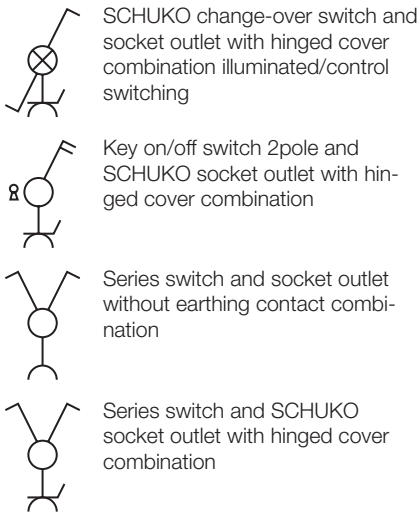
## Socket outlets with earthing contact

	SCHUKO plugs
	SCHUKO socket outlet
	2gang / double SCHUKO socket outlet
	3gang SCHUKO socket outlet

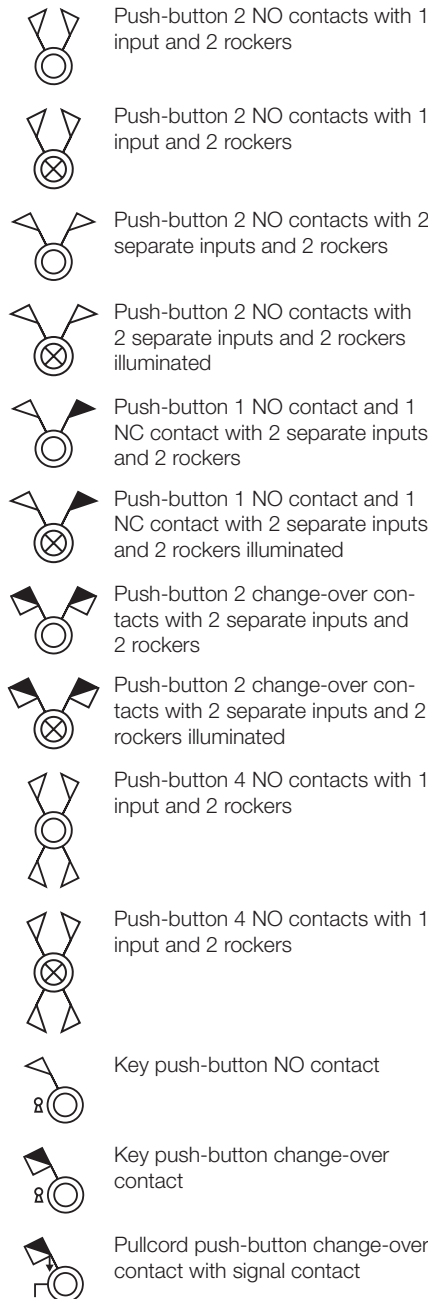
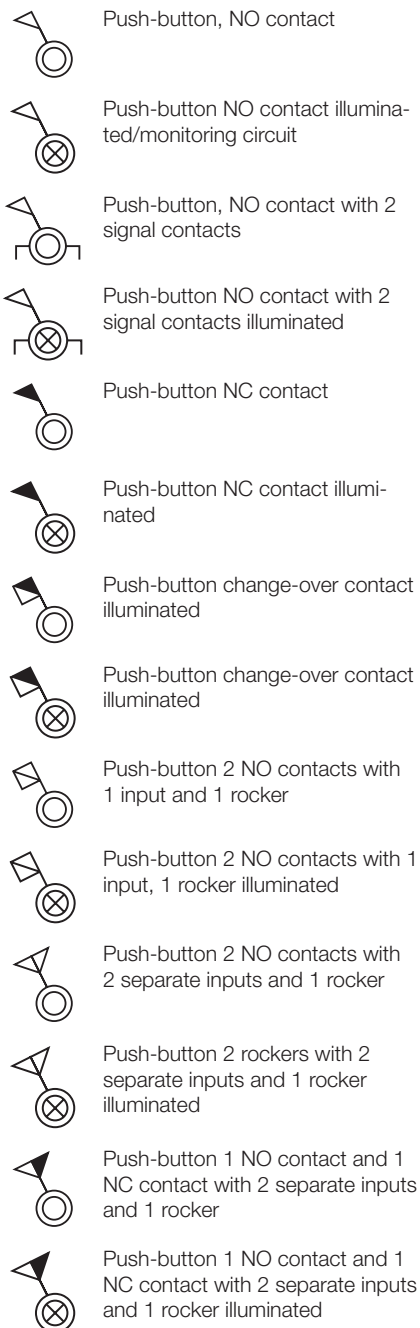
	SCHUKO socket outlet with enhanced contact protection
	2gang SCHUKO socket outlet with enhanced contact protection
	3gang SCHUKO socket outlet with enhanced contact protection
	SCHUKO socket outlet with hinged cover
	2gang SCHUKO socket outlet with hinged cover
	3gang SCHUKO socket outlet with hinged cover
	SCHUKO socket outlet with hinged cover and 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 over-voltage protection
	SCHUKO socket outlet with residual current circuit-breaker (RCCB) and enhanced contact protection
	Three-phase plug 3P + N + PE
	Three-phase socket outlet with hinged cover 3P + N + PE

## Switches

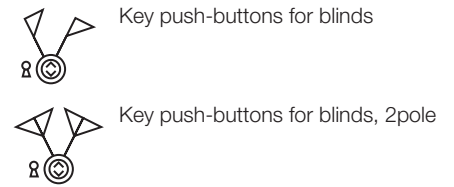
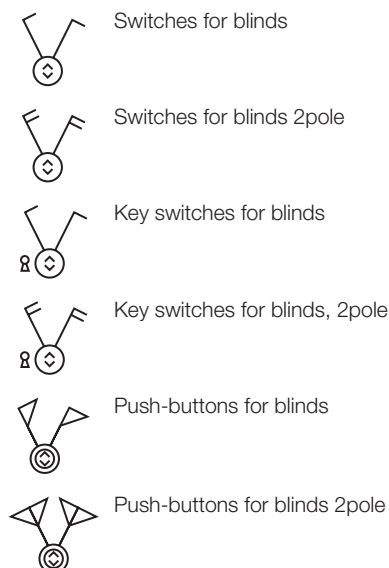
	On/off switch
	On/off switch, 2pole
	On/off switch 2pole illuminated/control switching
	On/off switch 3pole
	On/off switch 3pole illuminated/control switching
	Series switch
	Series switch 1 x illuminated or 1 x control switching
	Series switch 2 x control switching
	3gang On/off switch
	Change-over switch
	Change-over switch illuminated/control switching
	Intermediate switch
	Intermediate switch illuminated
	Double change-over switch
	Double change-over switch illuminated
	Pullcord switch change-over
	Pullcord switch change-over illuminated/control switching
	Mechanical timer 2pole Off
	Key change-over switch
	Key change-over switch, 2pole
	Change-over switch and socket outlet without earthing contact combination
	SCHUKO change-over switch and socket outlet combination
	SCHUKO change-over switch and socket outlet with hinged cover combination



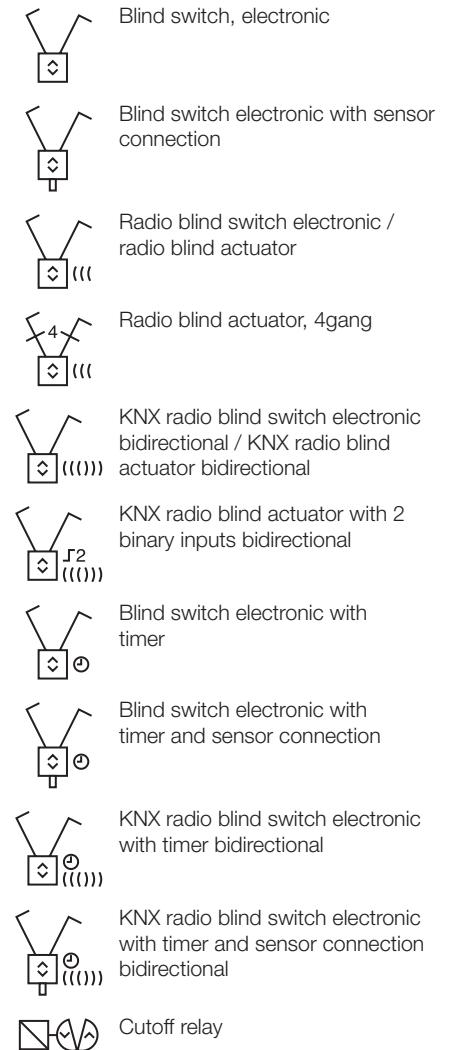
## Push-button



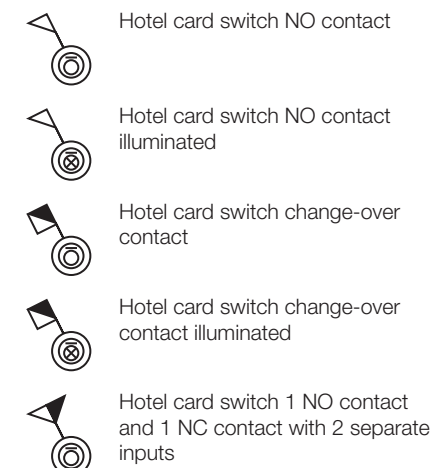
## Switch / push-button for blinds



## Switches for blinds electronic



## Special switch/push-button



- Hotel card switch 1 NO contact, 1 NC contact, 2 separate inputs illuminated
- Hotel card switch NO contact with 2 signal contacts
- Hotel card switch NO contact with 2 signal contacts illuminated
- 3-step switch with neutral position
- 3-step switch without neutral position

## Electronic switches/components

- Time relay for motion detector
- Mains decouplers
- Hotel card switch NO contact with delay time illuminated
- Electronic switch
- Radio electronic switch
- KNX radio electronic switch bidirectional
- Electronic switch with motion detector
- Electronic switch with IR motion detector
- KNX radio electronic switch with motion detector bidirectional
- Electronic switch with presence detector
- Electronic switch, 2gang
- KNX radio electronic switch 2gang bidirectional
- Relay switch
- Relay switch with delay time / controller power pack
- Radio relay switch / radio switch actuator

- KNX radio relay switch bidirectional / KNX radio switch actuator bidirectional
- KNX radio switch actuator with binary input bidirectional
- Relay switch with motion detector
- Relay switch with IR motion detector
- KNX radio relay switch with motion detector bidirectional
- Relay switch with presence detector
- Relay switch with IR presence detector
- Relay switch with timer
- Relay switch with timer and sensor connection
- KNX radio relay switch with timer bidirectional
- Relay switch 2gang
- Relay switch 2gang with delay time / controller power pack 2gang
- Relay switch 2gang with motion detector
- Relay switch 2gang with IR motion detector
- Relay switch 2gang with presence detector
- Radio switch actuator 4gang
- Radio switch actuator for SCHUKO plugs
- KNX radio switch actuator for SCHUKO plugs bidirectional
- Extension unit, electronic
- Motion detector extension unit

- Presence detector extension unit
- Electronic transformer
- Switch power supply
- Radio repeater, signal amplifier
- KNX radio/TP gateway surface-mounted bidirectional

## 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
- Radio touch dimmer
- Radio dim actuator for SCHUKO plugs
- KNX radio touch dimmer bidirectional
- Touch dimmer with motion detector
- Touch dimmer with IR motion detector
- KNX radio touch dimmer with motion detector bidirectional
- Touch dimmer with presence detector



- 1 - 10 V touch control unit
- IR 1 - 10 V touch control unit
- Radio 1 - 10 V touch control unit
- 1 - 10 V touch control unit with motion detector
- 1 - 10 V touch control unit with PIR presence detector
- 1 - 10 V touch control unit with IR motion detector
- IR DALI touch control unit
- Series touch dimmers
- KNX radio series touch dimmer bidirectional
- KNX radio dim actuator 4gang bidirectional
- Dimmer power booster

## General applications

- Blind plug
- Cable outlet
- Pilot lamp
- Pilot lamp 2gang

## Wireless components

- Radio hand-held transmitter
- KNX radio hand-held transmitter 2-channel bidirectional
- KNX radio hand-held transmitter 4-channel bidirectional
- KNX radio hand-held transmitter 6-channel bidirectional
- KNX radio hand-held transmitter 18-channel bidirectional
- Radio wall-transmitter
- Radio wall-transmitter 2gang
- Radio wall-transmitter 3gang

- Radio wall-transmitter 4gang
- KNX radio wall-transmitter bidirectional
- KNX radio wall-transmitter 2gang bidirectional
- Radio motion detector
- KNX radio motion detector bidirectional
- Radio presence detector
- IR hand-held transmitter

## Data / Telecommunication

- Loudspeaker socket outlet
- Stereo loudspeaker socket outlet
- TV aerial socket
- TAE socket outlet
- TDO socket outlet
- UAE socket outlet
- TAE/UAE socket outlet
- 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
- KNX radio magnetic contact bidirectional
- 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
- Thermostat NO contact with timer
- Thermostat NO contact with sensor and timer
- Thermostat NC contact with on/off switch and lamp
- Thermostat NO contact with sensor on/off switch and lamp
- Thermostat change-over contact
- 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
- Precipitation sensor
- KNX radio brightness sensor bidirectional
- Binary input 2gang radio bidirectional
- Radio transmitter 2gang flush-mounted
- Radio button interface 4gang flush-mounted

Order no.	Packaging unit	Page	Order no.	Packaging unit	Page	Order no.	Packaging unit	Page	Order no.	Packaging unit	Page	
1001 01	10	377	1011 22 35	10	346	1012 21 14	10	337	1012 99 09	10	176	
1001 09	10	377	1011 22 45	10	344	1012 21 16	5	337	1012 99 19	10	177	
1001 20 04	1	354	1011 22 74	10	344	1012 21 25	2	338	1012 99 39	10	176	
1001 20 14	1	354	1011 22 79	10	345	1012 21 35	2	338	1012 99 49	10	176	
1001 20 45	1	354	1011 22 84	10	344	1012 21 45	2	336	1012 99 59	10	177	
1001 20 55	1	355	1011 22 89	10	344	1012 21 69	2	337	1012 99 69	10	177	
1001 20 74	1	354	1011 23 34	1	341	1012 21 74	10	336	1013 20 04	10	386	
1001 20 83	1	355	1011 23 39	1	340	1012 21 79	2	337	1013 20 09	5	387	
1001 20 84	1	354	1011 23 44	1	340	1012 21 84	10	336	1013 20 14	10	386	
1001 20 89	1	354	1011 23 49	1	340	1012 21 89	2	336	1013 20 16	5	387	
1004 90 04	#	10	1011 23 54	1	340	1012 22 04	10	345	1013 20 45	2	386	
1004 90 11	#	10	1011 23 59	1	340	1012 22 09	5	345	1013 20 74	10	386	
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