





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, 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

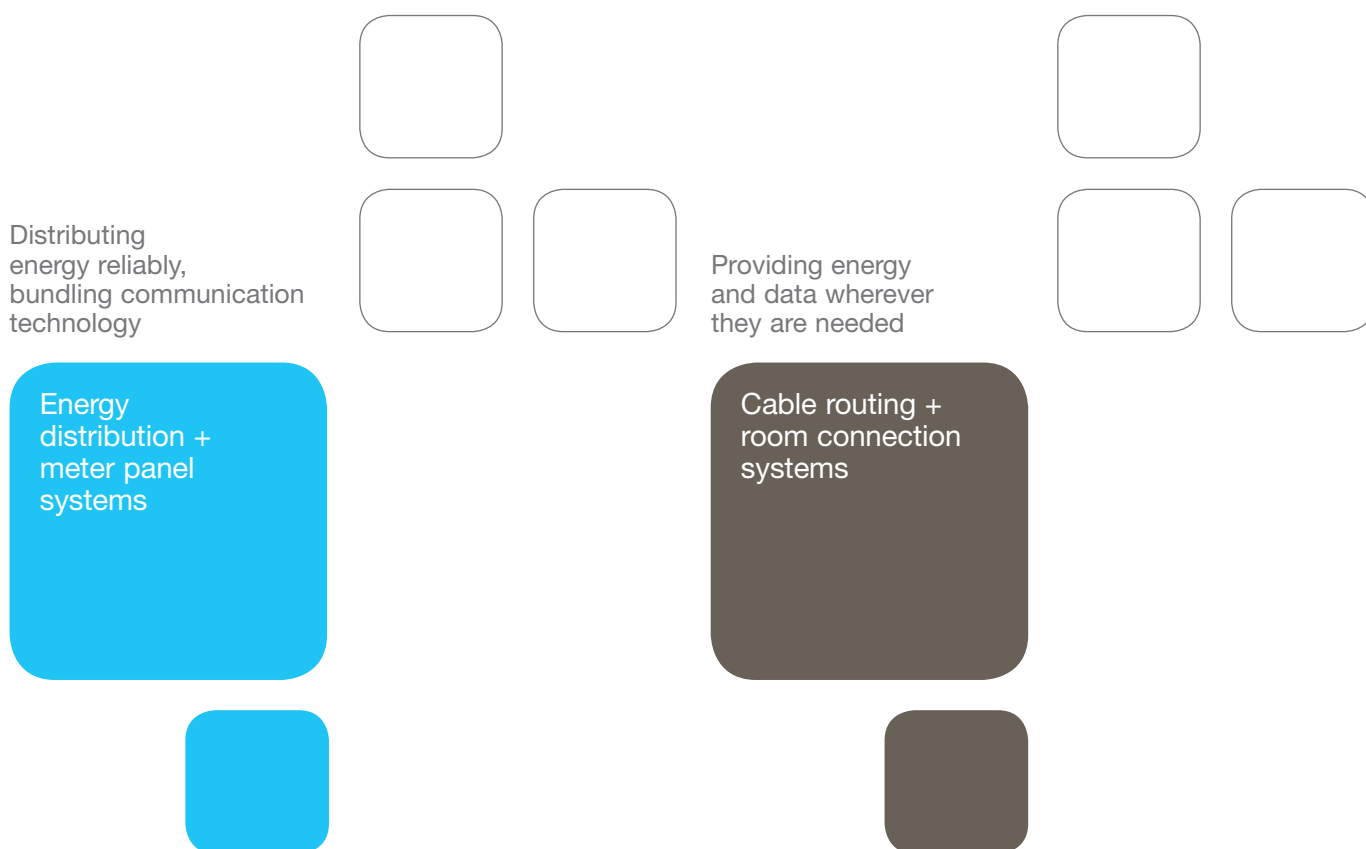
This stance is not only reflected in the product itself but also shapes all related processes. When making the first drafts we already consider how a product will be manufactured, operated and eventually disposed of. Eco-design and eco-production assist us in employing all resources as intelligently 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

Switch ranges +
Building automation

B.

Berker by :hager

Safeguarding buildings,
protecting residents and
valuables

Security and
safety systems

www.hager.com

Little details that make a big difference

Why Berker socket outlets are simply good

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

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

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



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



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



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



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



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



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



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



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



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



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



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



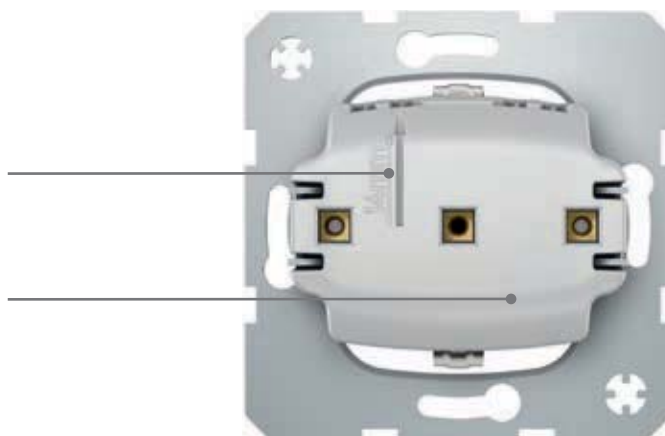
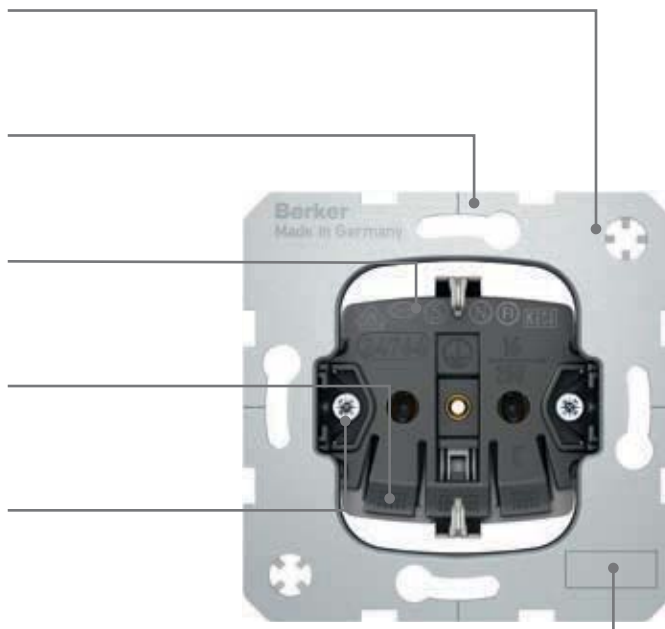
- **Claws are accommodated in base**
when fully retracted, for easy insertion/positioning in the switch box and reduced risk of injury



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



- **Screw-in lift terminals¹**
for rapid connection and secure positioning of the conductors



¹ Only in socket outlets with screw-in lift terminals

Used thousands of times but still unique

Simple switch replacement with the modul system

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

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

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



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



- **Optimal supporting ring design**
marked for precise alignment at 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



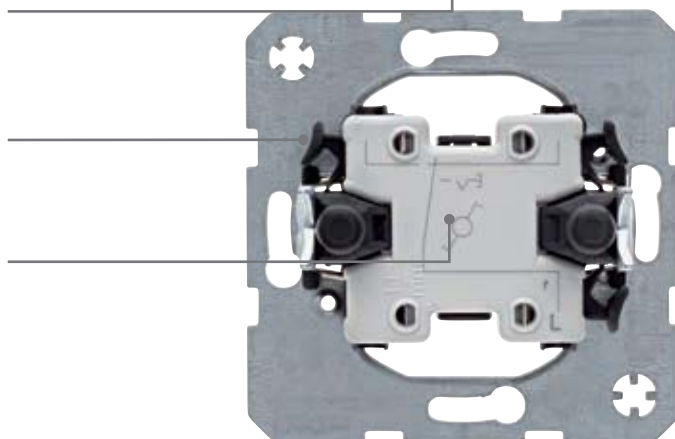
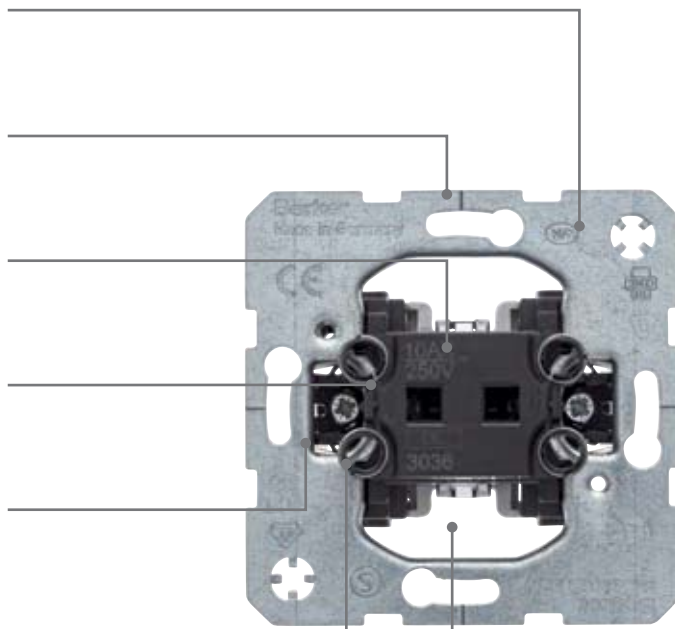
- **Clip-in neon/glow lamp unit**
for exact positioning on the supporting ring, can be used as indicator or orientation light



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



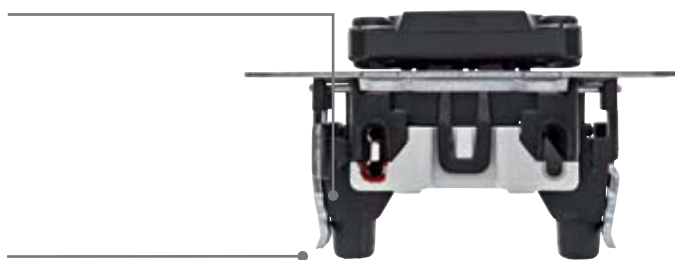
- **Labelling on reverse of switch**
showing order no, circuit diagram/graphical symbol, conductor stripping guide



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



- **Flexolift-claws[®]**
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

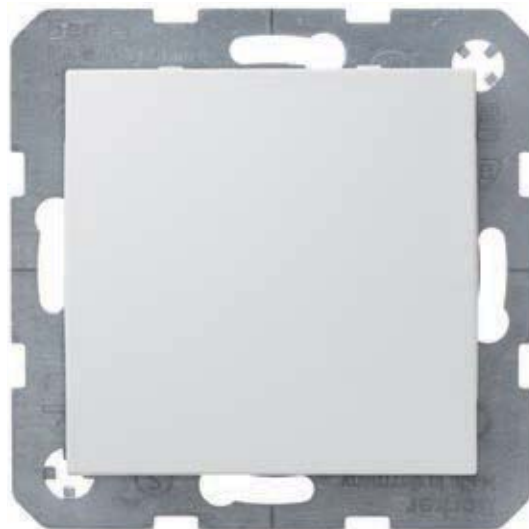
Berker Arsys

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	278	

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 mm²
- Switching angle 3.5°



Change-over/intermediate switch

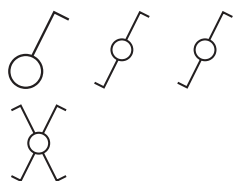
Rated voltage
Switching current

250 V~
10 AX

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

i 448

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	3031	10
Change-over switch	3036	10
Change-over switch for installation in hollow walls ¹⁾	3036 50	10
Intermediate switch	3037	10

¹⁾ low installation depth, without spreader claws



Control change-over switch (2 items)

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.

i 448



Design	Order no.	PU
Individual article required		
Change-over switch	3036	10
LED unit 230 V, for switches/push-buttons, white	1686	10

Rocker push-buttons

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



Push-button

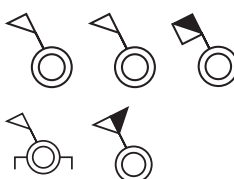
Rated voltage
Momentary-contact current
Contact spacing

250 V~
10 A
> 3 mm

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

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	1686 ..	20
LED unit for switches/push-buttons	1687	57



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

¹⁾ low installation depth, without spreader claws

Rockers for switches/push-buttons

Rocker

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

Design

Order no.

PU

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

white glossy	1620 89 82	10
polar white glossy	1620 89 89	10
polar white matt	1620 19 09	10
anthracite matt	1620 16 06	10
aluminium matt, lacquered	1620 14 04	10
polar white matt, screw-on ¹⁾	1570 19 09	10
anthracite matt, screw-on ¹⁾	1570 16 06	10
aluminium matt, lacquered, screw-on ¹⁾	1570 14 04	10

Berker Q.1/Q.3

white velvety	★ 1620 60 82	10
polar white velvety	1620 60 89	10
anthracite velvety, lacquered	1620 60 86	10

Berker K.1/K.5

polar white glossy	1405 70 09	10
anthracite matt, lacquered	1405 70 06	10
Aluminium, aluminium anodised	1405 70 03	10
Stainless steel, metal matt finish	1405 70 04	10

Berker Arsys

white glossy	# 1405 00 02	10
polar white glossy	# 1405 00 69	10
brown glossy	# 1405 00 01	10
light bronze matt, aluminium lacquered	# 1404 00 01	10
Stainless steel, metal matt finish	# 1404 00 04	10
gold matt, aluminium anodised	# 1404 00 02	10
Stainless steel, metal matt finish, screw-on ¹⁾	# 1404 00 10	10

Berker R.1/R.3

polar white glossy	1620 20 89	10
black glossy	1620 20 45	10

¹⁾ with cover plug for screw fitting

Rocker with imprint symbol

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

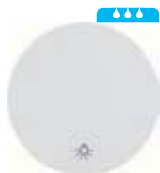
Design

Order no.

PU

Berker Q.1/Q.3

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



Rocker

- labelling field



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

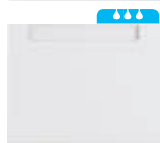
Design Order no. PU

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

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

Berker Q.1/Q.3

white velvety	★ 1626 60 82	10
polar white velvety	1626 60 89	10
anthracite velvety, lacquered	1626 60 86	10



Berker K.1/K.5

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

Berker Arsys

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



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	# 1487 00	10



Rocker

- lens

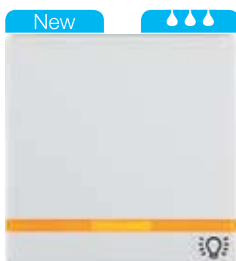


Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

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

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

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



Rocker with imprinted symbol for light

- lens



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
Berker Q.1/Q.3		
white velvety	* 1621 60 72	10
polar white velvety	1621 60 79	10
anthracite velvety, lacquered	1621 60 76	10
Berker R.1/R.3		
polar white glossy ¹⁾	1621 20 79	10
black glossy ¹⁾	1621 20 35	10

¹⁾ with clear lens only



Rocker

- labelling field
- lens



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

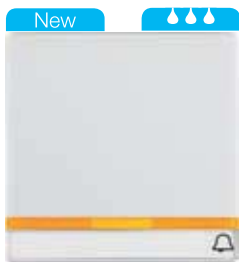
For labelling with names, notes etc.

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
Berker S.1/B.3/B.7		
white glossy	1628 89 82	10
polar white glossy	1628 89 89	10
polar white matt	1628 19 09	10
anthracite matt	1628 16 06	10
aluminium matt, lacquered	1628 14 04	10
Berker Q.1/Q.3		
white velvety ¹⁾	* 1628 60 82	10
polar white velvety ¹⁾	1628 60 89	10
anthracite velvety, lacquered ¹⁾	1628 60 86	10
Berker K.1/K.5		
polar white glossy	1415 71 09	10
anthracite matt, lacquered	1415 71 06	10
Aluminium, aluminium anodised	1415 71 03	10
Stainless steel, metal matt finish	1415 71 04	10
Berker Arsys		
white glossy	# 1415 02 02	10
polar white glossy	# 1415 02 69	10
brown glossy	# 1415 02 01	10
light bronze matt, aluminium lacquered	# 1416 02 01	10
Stainless steel, metal matt finish	# 1416 02 04	10

¹⁾ 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
Berker Q.1/Q.3		
white velvety	* 1628 60 72	10
polar white velvety	1628 60 79	10
anthracite velvety, lacquered	1628 60 76	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

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

white glossy ¹⁾	1696 89 82	10
polar white glossy ¹⁾	1696 89 89	10
polar white matt ¹⁾	1696 19 09	10
anthracite matt ¹⁾	1696 16 06	10
aluminium matt, lacquered ¹⁾	1696 14 04	10

Berker Q.1/Q.3

white velvety ²⁾	* 1696 60 82	10
polar white velvety ²⁾	1696 60 89	10
anthracite velvety, lacquered ²⁾	1696 60 86	10

Berker K.1/K.5

polar white glossy ³⁾	1496 70 09	10
anthracite matt, lacquered ³⁾	1496 70 06	10
aluminium matt, lacquered ³⁾	1496 70 03	10
stainless steel matt, lacquered ³⁾	1496 70 04	10

¹⁾ labelling field height arranged for two 12 mm P-touch strips

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

³⁾ labelling field height arranged for two 9 mm P-touch strips



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
optional		
Sealing set for switches/push-buttons	1010 71 00	223

Design

Order no.

PU

Berker Q.1/Q.3

white velvety	* 1696 60 72	10
polar white velvety	1696 60 79	10
anthracite velvety, lacquered	1696 60 76	10

Multi-pole rocker switches

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



On/off switch 2pole 10 AX

Rated voltage 250 V~
Switching current 10 AX

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

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

Suitable for	Order no.	Page
optional		
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

3032

10





On/off switch 2pole 16 AX

Rated voltage
Switching current

250 V~
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.
Only suitable in combination with rockers with "0" imprint.

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



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



On/off switch 2pole

- earthing contact



Rated voltage
Switching current

250 V~
20 A

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

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

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



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



On/off switch 3pole

Rated voltage
Switching current

400 V~
16 AX

- with screw terminals
- for illumination and monitoring circuit

Not suitable for water-protected, flush-mounted installation IP44.
Only suitable in combination with rockers with "0" imprint.

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



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



Rocker with imprint "0"

Design

Order no.

PU

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

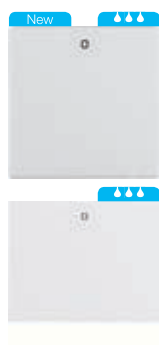
white glossy	1622 89 82	10
polar white glossy	1622 89 89	10
polar white matt	1622 19 09	10
anthracite matt	1622 16 06	10
aluminium matt, lacquered	1622 14 04	10
polar white matt, screw-on ¹⁾	1573 19 09	10
anthracite matt, screw-on ¹⁾	1573 16 06	10
aluminium matt, lacquered, screw-on ¹⁾	1573 14 04	10

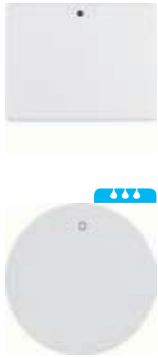
Berker Q.1/Q.3

white velvety	★ 1622 60 82	10
polar white velvety	1622 60 89	10
anthracite velvety, lacquered	1622 60 86	10

Berker K.1/K.5

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





Design

Order no.

PU

Berker Arsys

white glossy	# 1425 00 02	10
polar white glossy	# 1425 00 69	10
brown glossy	# 1425 00 01	10
light bronze matt, aluminium lacquered	# 1424 00 01	10
Stainless steel, metal matt finish	# 1424 00 04	10

Berker R.1/R.3

polar white glossy	1622 20 89	10
black glossy	1622 20 45	10

¹⁾ with cover plug for screw fitting



Rocker with imprint "0"

- red lens



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

Design

Order no.

PU

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

white glossy	1624 89 82	10
polar white glossy	1624 89 89	10
polar white matt	1624 19 09	10
anthracite matt	1624 16 06	10
aluminium matt, lacquered	1624 14 04	10
polar white matt, screw-on ¹⁾	1577 19 09	10
anthracite matt, screw-on ¹⁾	1577 16 06	10
aluminium matt, lacquered, screw-on ¹⁾	1577 14 04	10

Berker Q.1/Q.3

white velvety ²⁾	* 1624 60 82	10
polar white velvety ²⁾	1624 60 89	10
anthracite velvety, lacquered ²⁾	1624 60 86	10

Berker K.1/K.5

polar white glossy	1417 71 09	10
anthracite matt, lacquered	1417 71 06	10
Aluminium, aluminium anodised	1417 71 03	10
Stainless steel, metal matt finish	1417 71 04	10

Berker Arsys

white glossy	# 1417 00 02	10
polar white glossy	# 1417 00 69	10
brown glossy	# 1417 00 01	10
light bronze matt, aluminium lacquered	# 1418 00 01	10
Stainless steel, metal matt finish	# 1418 00 04	10

Berker R.1/R.3

polar white glossy ³⁾	1624 20 89	10
black glossy ³⁾	1624 20 45	10

¹⁾ with cover plug for screw fitting

²⁾ with orange lens

³⁾ with clear lens



Rocker switches, 2gang

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



Series switch

Rated voltage
Switching current
Contact spacing

250 V~
10 AX
> 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	3035	10
Series switch for installation in hollow walls ¹⁾	3035 50	10

¹⁾ low installation depth, without spreader claws



Double change-over switch, isolated input terminals

Rated voltage
Switching current
Contact spacing

250 V~
10 AX
> 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	3038 08	10

Series push-buttons

- Connection terminals according to IEC 60669-1



Series push-button

Rated voltage
Momentary-contact current

250 V~
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	5035	10
Series push-button, NC contact + NO contact, isolated input terminals	5035 01	10
Series push-button, 2 NO contacts, isolated input terminals	5035 03	10



Series push-button, 2 change-over contacts

Rated voltage
Momentary-contact current

250 V~
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	5038 08	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.

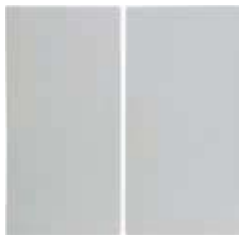
PU

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

5034 04

10

Rockers, 2gang, for switches/push-buttons



Rocker 2gang

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

Design

Order no.

PU

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

white glossy

1623 89 82

10

polar white glossy

1623 89 89

10

polar white matt

1623 19 09

10

anthracite matt

1623 16 06

10

aluminium matt, lacquered

1623 14 04

10

polar white matt, screw-on ¹⁾

1571 19 09

10

anthracite matt, screw-on ¹⁾

1571 16 06

10

aluminium matt, lacquered, screw-on ¹⁾

1571 14 04

10

Berker Q.1/Q.3

white velvety

*** 1623 60 82**

10

polar white velvety

1623 60 89

10

anthracite velvety, lacquered

1623 60 86

10

Berker K.1/K.5

polar white glossy

1435 70 09

10

anthracite matt, lacquered

1435 70 06

10

Aluminium, aluminium anodised

1435 70 03

10

Stainless steel, metal matt finish

1435 70 04

10

Berker Arsys

white glossy

1435 00 02

10

polar white glossy

1435 00 69

10

brown glossy

1435 00 01

10

light bronze matt, aluminium lacquered

1434 00 01

10

Stainless steel, metal matt finish

1434 00 04

10

gold matt, aluminium anodised

1434 00 02

10

Stainless steel, metal matt finish, screw-on ¹⁾

1434 00 10

10

Berker R.1/R.3

polar white glossy

1623 20 89

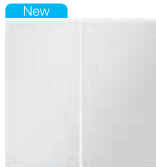
10

black glossy

1623 20 45

10

¹⁾ with cover plug for screw fitting





Rocker 2gang

- red lens



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

Design

Order no.

PU

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

white glossy	1627 89 82	10
polar white glossy	1627 89 89	10
polar white matt	1627 19 09	10
anthracite matt	1627 16 06	10
aluminium matt, lacquered	1627 14 04	10

Berker Q.1/Q.3

white velvety ¹⁾	★ 1627 60 82	10
polar white velvety ¹⁾	1627 60 89	10
anthracite velvety, lacquered ¹⁾	1627 60 86	10

Berker K.1/K.5

polar white glossy	1437 70 09	10
anthracite matt, lacquered	1437 70 06	10
aluminium matt, lacquered	1437 70 03	10
stainless steel matt, lacquered	1437 70 04	10

Berker Arsys

white glossy	# 1437 00 02	10
polar white glossy	# 1437 00 69	10
brown glossy	# 1437 00 01	10

Berker R.1/R.3

polar white glossy ²⁾	1627 20 89	10
black glossy ²⁾	1627 20 45	10

¹⁾ with orange and clear lens
²⁾ with clear lens

Rocker switches, 3gang



On/off switch 3gang

Rated voltage
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

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

white glossy	1665 89 82	10
polar white glossy	1665 89 89	10
polar white matt	1665 19 09	10
anthracite matt	1665 16 06	10
aluminium matt, lacquered	1665 14 04	10



Berker Q.1/Q.3

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 mm²



Pullcord switch off/change-over

i 449

Rated voltage	250 V~	- with plug-in terminals
Switching current	10 AX	- for wall and ceiling mounting
Long pullcord	14 cm	- for illumination and monitoring circuit
Contact spacing	> 3 mm	

Suitable for optional	Order no.	Page
Neon lamp unit with N terminal	1605 1 ..	56



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



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

i 460

Rated voltage	250 V~	- with plug-in terminals
Momentary-contact current	10 A	- for wall and ceiling mounting
Long pullcord	14 cm	- 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



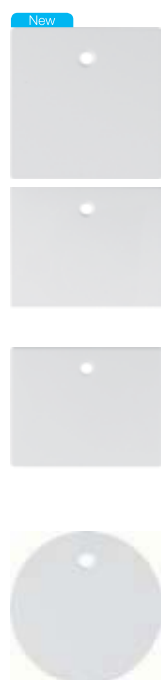
Design	Order no.	PU
Pullcord push-button, change-over contact with separate signal contact	3956 19	10

Centre plate for pullcord switch/pullcord push-button

Design	Order no.	PU

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

white glossy	1146 89 82	10
polar white glossy	1146 89 89	10
polar white matt	1146 19 09	10
anthracite matt	1146 16 06	10
aluminium matt, lacquered	1146 14 04	10



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

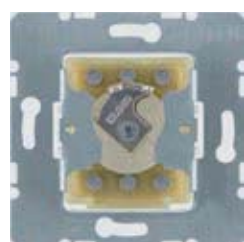
polar white glossy	1146 20 89	10
black glossy	1146 20 45	10

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 mm²



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



Change-over switch 2pole for lock cylinders

i 460

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

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

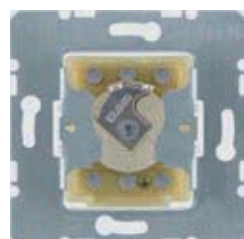
Suitable for
Lock cylinder

Order no.
1818 ..

Page
60



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



Change-over switch for lock cylinders

i 460

- earthing contact



- with screw terminals
- without spreader claws

Suitable for
Lock cylinder

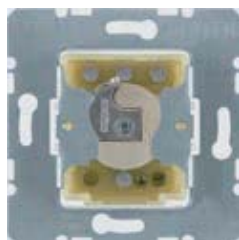
Order no.
1818 ..

Page
60

Rated voltage	250 V~
Switching current	10 A



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

Suitable for
Lock cylinder

Order no.
1818 ..

Page
60

i 460



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



Centre plate for key switch/key push-button

Design

Suitable for
Lock cylinder

Order no.
1818 ..

Page
60

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

Design	Order no.	PU
white glossy	1507 89 82	10
polar white glossy	1507 89 89	10
polar white matt	1507 19 09	10
anthracite matt	1507 16 06	10
aluminium matt, lacquered	1507 14 04	10

Berker Q.1/Q.3

white velvety	* 1507 60 82	10
polar white velvety	1507 60 89	10
anthracite velvety, lacquered	1507 60 86	10

Berker K.1/K.5

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

Berker Arsys

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

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 ¹⁾	Change-over switch ¹⁾	Change-over switch ¹⁾	Change-over switch ¹⁾	Change-over switch ¹⁾	Change-over switch ¹⁾	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			●		●		● ²⁾	● ³⁾
Mains decoupler comfort, order no. 1 8799 01			●		●		● ²⁾	● ³⁾

¹⁾ Switching only.

²⁾ Only with control module.

³⁾ Only when operated without extension unit.

⁴⁾ 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 ⁴⁾ 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 dimmer 600 W

- soft locking



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.

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

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

Design	Order no.	PU
Rotary dimmer 600 W	2875	1



Rotary dimmer 600 W

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

Possible to change fuse without removing cover.

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

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



Rotary dimmer 1000 W

- soft locking



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

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

Design	Order no.	PU
Rotary dimmer 1000 W	2885	1



Rotary dimmer (R, L)

- soft locking



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

Possible to change fuse without removing cover.

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

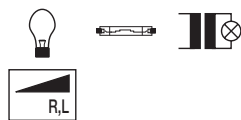
Suitable for optional	Order no.	Page
Mains decoupler RMD	187 00	59
Mains decoupler comfort RMD	1 8799 01	58

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

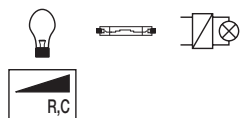


Design	Order no.	PU
Rotary dimmer (R, L)	2866 10	1



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.

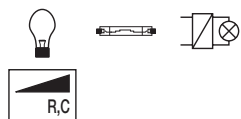


Design	Order no.	PU
Tronic rotary dimmer 360 W (R, C)	2867 10	1



Tronic rotary dimmer 525 W (R, C)

- soft locking		- bulb-preserving soft startup
		- phase cut-off
		- very low noise
		- with change-over pressure switch
		- expandable with universal power boosters RMD Plus with load cable switched in parallel
		- voltage test possible without dismantling
		- short-circuit and overload proof (electronic fuse)
		- with terminal for base load from mains isolator
		- with plug-in terminals
Operating voltage	230 V~	
Frequency	50 Hz	
230 V incandescent lamps and halogen lamps	20 ... 525 W	
Electronic transformers	20 ... 525 W	
Number of built-in Tronic power boosters (R, C)	max. 10	
Number of universal power boosters, 500 W	max. 10	
Axis dimension Ø	4 mm	



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



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

i 454

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



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

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

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

Do not connect conventional transformers together with electronic transformers.

Design

Order no.

PU

Universal rotary dimmer (R, L, C)

2861 10

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

2862 10

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 mm²

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

2897

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 ²	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	2898	1

1-10 V Rotary potentiometers



1-10 V rotary potentiometer

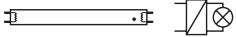
i 457

- 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.

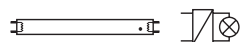
Possible to change fuse without removing cover.

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	2891 10	1



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

- soft locking



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

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

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

Possible to change fuse without removing cover.

When using LV halogen lamps, we recommend the 1 - 10 V Tronic transformer, 105 W, order no. 2977. Interface according to DIN EN 61347-2-3

- 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



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

Covers for rotary dimmers/rotary potentiometers



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



Centre plate for rotary dimmer/rotary potentiometer

- setting knob



Axis dimension Ø	4 mm

Design	Order no.	PU

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

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

Berker Q.1/Q.3

white velvety	* 1137 60 82	10
polar white velvety	1137 60 89	10
anthracite velvety, lacquered	1137 60 86	10

Berker K.1/K.5

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

Berker Arsys

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





Design

Order no.

PU

Berker R.1/R.3

polar white glossy

1137 20 89

10

black glossy

1137 20 45

10



Cover for rotary dimmers/rotary potentiometers

- setting knob



Axis dimension Ø

4 mm

Design

Order no.

PU

Berker S.1

white glossy

1130 89 82

10

polar white glossy

1130 89 89

10

polar white matt

1130 99 09

10

anthracite matt

1130 99 49

10

aluminium matt, lacquered

1130 99 39

10

Series touch dimmers



Universal series touch dimmer (R, L, C)

i 456

Operating voltage

230 V~

Frequency

50/60 Hz

230 V incandescent lamps and halogen lamps

50 ... 260 W

Dimmable conventional transformers

50 ... 260 VA

Electronic transformers

50 ... 260 W

Number of built-in Tronics or power boosters (R, L) - with identical load type

max. 10

Number of 1gang universal power boosters, 500 W for phase cut-off

max. 10

- an extension input for both series by means of BLC extension unit

- switch-on brightness retained for series on mains power failure

- bulb-preserving soft startup

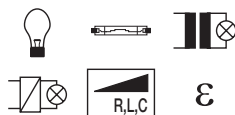
- phase cut-on or cut-off per series according to load type, self-learning

- for 2 independent lighting groups

- very low noise

- short-circuit and overload proof (electronic fuse)

- with screw terminals



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

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



Design

Order no.

PU

Universal series touch dimmer (R, L, C)

2901

1



Button for universal series touch dimmer

i 456

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

Design

Order no.

PU

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

white glossy

1765 89 82

1

polar white glossy

1765 89 89

1

polar white matt

1765 19 09

1

anthracite matt

1765 16 06

1

aluminium matt, lacquered

1765 14 04

1

Berker Q.1/Q.3

polar white velvety

1765 60 89

1

anthracite velvety, lacquered

1765 60 86

1

Berker K.1/K.5

polar white glossy

1765 70 09

1

anthracite matt, lacquered

1765 70 06

1

Aluminium, aluminium anodised

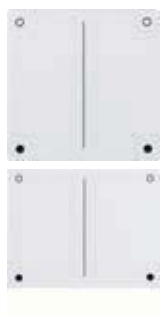
1765 70 03

1

Stainless steel, metal matt finish

1765 70 04

1





Design	Order no.	PU
Berker Arsys		
white glossy	# 1765 00 02	1
polar white glossy	# 1765 00 69	1
brown glossy	# 1765 00 01	1
light bronze matt, aluminium lacquered	# 1765 00 11	1
Stainless steel, metal matt finish	# 1765 00 04	1
gold matt, aluminium anodised	# 1765 00 12	1

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	
- 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	
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 mm²	
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	8512 12 00	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 ²
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	8512 11 00	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 ²
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.

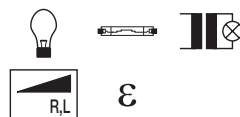
Do not connect inductive and capacitive loads jointly.

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



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

Dimmer inserts

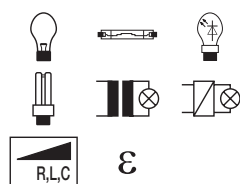


Touch dimmer (R, L)

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 ²	
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)	8542 11 00	1



Universal touch dimmer 1gang

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 ²	
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	8542 12 00	1

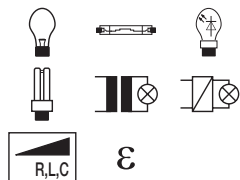


Universal touch dimmer 2gang

i 468

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption, standby (Channel 1/Channel 2)	0.3/0.7 W
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 ²
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	8542 21 00	1

DALI control devices



DALI/DSI control insert

DALI cable length at 1.5 mm ²	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 ²
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	★ 8542 17 00	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	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 ¹⁾	8514 11 39	1
black glossy ¹⁾	8514 11 31	1

¹⁾ 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	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



Design	Order no.	PU
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 ¹⁾	8514 21 39	1
black glossy ¹⁾	8514 21 31	1

¹⁾ 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



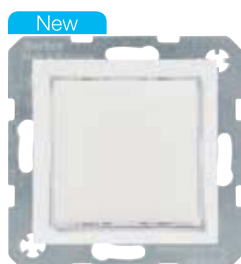
Design	Order no.	PU
polar white	2872	1

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 mm²	

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

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





Design

Order no.

PU

Berker K.1/K.5

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



Berker R.1/R.3

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

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

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

Berker Q.1/Q.3

white velvety	* 2951 60 82	1
polar white velvety	* 2951 60 89	1
anthracite velvety	* 2951 60 86	1

Berker K.1/K.5

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

Berker R.1/R.3

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

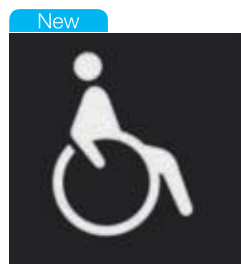
Suitable for	Order no.	Page
LED signal light, RGB	2951 ..	49
LED signal light, white lighting	2953 ..	48

Design

Order no.

PU

with imprinted symbol for man	* 1905 80 01	1
with imprinted symbol for woman	* 1905 80 02	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 ²	

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

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



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

New



Berker K.1/K.5		
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



Berker R.1/R.3		
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.

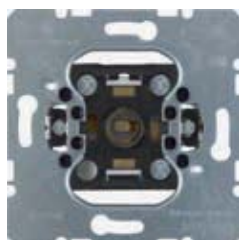
The imprinted symbol is not visible in switched off state of the signal light.

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

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

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

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

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

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



Centre plate for push-button/pilot lamp E10

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

Design	Order no.	PU

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

white glossy	1124 89 82	10
polar white glossy	1124 89 89	10
polar white matt	1124 19 09	10
anthracite matt	1124 16 06	10
aluminium matt, lacquered	1124 14 04	10

Berker Q.1/Q.3

white velvety	* 1124 60 82	10
polar white velvety	1124 60 89	10
anthracite velvety, lacquered	1124 60 86	10

Berker K.1/K.5

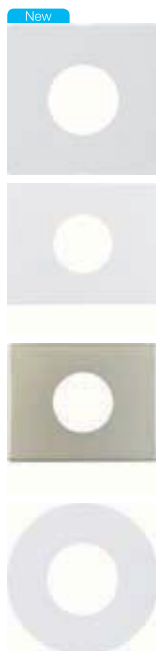
polar white glossy	1165 70 09	10
anthracite matt, lacquered	1165 70 06	10
aluminium matt, lacquered	1165 70 03	10
stainless steel matt, lacquered	1165 70 04	10

Berker Arsys

light bronze matt, aluminium lacquered	# 1165 01 01	10
Stainless steel, metal matt finish	# 1165 01 04	10
gold matt, aluminium anodised	# 1165 01 02	10

Berker R.1/R.3

polar white glossy	1124 20 89	10
black glossy	1124 20 45	10





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
Berker Arsys		
white glossy	# 1165 00 02	10
polar white glossy	# 1165 00 69	10
brown glossy	# 1165 00 01	10



Pilot lamp E14

Rated voltage

250 V~

- with screw terminals

Incandescent lamp power

max. 3 W

Long lamp base

max. 23.5 mm

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

Order no.	Page
	page 54
	page 53
	page 53
	52

1198 60 82 ..



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
Berker S.1/B.3/B.7		
white glossy	1198 89 82	10
polar white glossy	1198 89 89	10
polar white matt	1198 19 09	10
anthracite matt	1198 16 06	10
aluminium matt, lacquered	1198 14 04	10
Berker Q.1/Q.3		
white velvety	★ 1198 60 82	10
polar white velvety	1198 60 89	10
anthracite velvety, lacquered	1198 60 86	10



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



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



Design

Berker R.1/R.3

Order no.

PU

polar white glossy

1198 20 89

10

black glossy

1198 20 45

10

Incandescent, neon and LED lamps



LED lamp E10

Operating voltage

230 V~/=

– very long LED lifetime

Rated current

4 mA

Operating temperature

-40 ... +70 °C

Suitable for

Push-button/pilot lamp E10, NO contact
Push-button/pilot lamp E10, NO contact,
with centre plate

Order no.

5101 ..
5104 ..

Page

51
371

Design

Order no.

PU

white

1678

10

red

1678 01

10

yellow

1678 02

10

green

1678 03

10

blue

1678 04

10



Neon lamp E10

Operating voltage

230 V~

Rated current

1.35 mA

Suitable for

Push-button/pilot lamp E10
Push-button complete for stairway light

Order no.

Page
page 51
page 148

Design

Order no.

PU

clear, transparent

1601

100



LED lamp E14

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

Suitable for
Pilot lamp E14

Order no.
5131 02

Page
52

Design

Order no.

PU

white

1679

10

red

1679 01

10

yellow

1679 02

10

green

1679 03

10

blue

1679 04

10



Incandescent lamp E14

Operating voltage

230 V~

Power

3 W

Suitable for
Pilot lamp E14

Order no.
5131 02

Page
52

Design

Order no.

PU

clear, transparent, for pilot lamp with flat cover

1610 03

100

clear, transparent, for pilot lamp with high cover

1610 13

100

Covers and push-buttons



Cover for push-button/pilot lamp E10

Suitable for

Push-button/pilot lamp E10, NO contact

Order no.

5101 ..

Page

51

Design

Order no.

PU

clear, transparent

1280

10

red, transparent

1281

10

yellow, transparent

1282

10

green, transparent

1283

10



Cover for push-button/pilot lamp E10

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

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

Design

Berker Arsys

clear

Suitable for

Push-button/pilot lamp E10, NO contact

Order no.

5101 ..

Page

51

Order no.

PU

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  1687	Glow lamp unit with N-terminal  1676 6 V 1676 02 12 V 1676 01 24 V 1676 03 48 V	LED unit with N terminal  1686 1 mA 1686 01 0.4 mA	Neon lamp unit with N terminal  1675 1 mA 1675 04 0.4 mA	Neon lamp unit with N terminal for pullcord switch  1605 10 1 mA 1605 14 0.4 mA	Neon lamp unit 230 V~  1600 02	Series LED unit with N terminal  1680	Neon lamp unit 400 V~  1600	
Designation	Order no.	12 ... 48 V	6 ... 48 V	230 V~				400 V~		
Rocker switches										
Change-over switch	3031 3036 3036 50	●	●	●	●					
Intermediate switch	3037	●	●	●	●					
Multi-pole rocker switches										
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								●	
Rocker switches, 2gang										
Series switch	3035 3035 50	●¹⁾	●¹⁾		●¹⁾			●		
Double change-over switch	3038 08						●¹⁾			
Rocker push-buttons										
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	●	●	●	●					
Series push-buttons										
Series push-button, 2 NO contacts	5035 5035 03	●¹⁾	●¹⁾		●¹⁾					
Series push-button, 1 NO contact + 1 NC contact	5035 01	●¹⁾	●¹⁾		●¹⁾					
Series push-button, 2 change-overs	5038 08						●¹⁾			
Group series push-button, 4 NO contacts	5034 04						●¹⁾			
Pullcord switches										
Pullcord switch off/change-over	3966					●				
Pullcord push-button, change- over contact with separate signal contact	3956 19		●		●					
Push-buttons for hotel card										
Push-button for hotel card, NO contact	5051 02	●	●	●	●					
Push-button for hotel card, change-over	5056 01	●	●	●	●					
Push-button for hotel card, NO contact, 2 separate signal contacts	5051 03	●	●	●	●					
Push-button for hotel card, NO contact + NC contact	5052 01	●	●	●	●					

 Suitable for degree of protection IP44

¹⁾ Only single lighting possible

Glow and neon lamp units



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



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	1676	10
yellow, 12 V, 65 mA	1676 02	10
green, 24 V, 35 mA	1676 01	10
red, 48 V, 25 mA	1676 03	10



Neon lamp unit with N terminal

i 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	1675	10
orange, 230 V~, 0.4 mA	1675 04	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	1605 10	10
orange, 230 V~, 0.4 mA	1605 14	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	1600 02	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

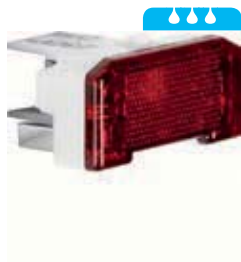
Design	Order no.	PU
clear, transparent, 400 V~, 0.5 mA	1600	10

LED units

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



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



LED unit 230 V, for switches/push-buttons

Service life of the LED ≈ 100000 h

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

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 μ F per 10 mA LED current) in parallel with the coil.

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

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

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



LED unit for switches/push-buttons

Service life of the LED ≈ 100000 h

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

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

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

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

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



LED unit with N terminal for series switch

i 448

Neutral conductor necessary!

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 control circuit per series
- with screw terminal

Design	Order no.	PU
black, 230 V~, 0.9 mA each	1680	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 $\cos \varphi = 0.4$	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
optional		
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	1 8799 01	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 $\cos \varphi = 0.4$	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
optional		
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	187 00	1



Control module for mains decoupler

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

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

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

Design	Order no.	PU
black	188 11	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.

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



Design	Order no.	PU
black	185	1

i 475

Lock cylinders



Lock cylinder

length 40 mm

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

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

Suitable for

Key switches/key push-buttons
Centre plate for key push-button for blinds/
key switch
Key switches/key push-buttons for blinds

Order no.

i 460

Page
page 32
page 90
page 87

Design

Order no.

PU

with differing closures

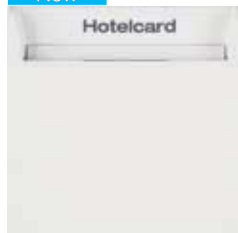
Lock cylinder	1818	1

with same closures

Lock cylinder	1818 01	1

Hotel applications

New



Relay switch with centre plate for hotel card

Rated voltage 230 V~ +10/-15 %

Frequency 50/60 Hz

Switching current 10 A /230 V AC1

Power consumption < 0.2 W

Inductive load at cos φ = 0.6 max. 6 A

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 mm²

Insertion depth 32 mm

Conventional transformers 1500 VA

Compact fluorescent lamps 500 W

- with potentiometer for incremental adjustment of delay time
- for illumination
- illuminated with blue LED if hotel card is not inserted
- with potential-free contact
- with screw-in lift terminals

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

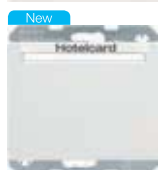
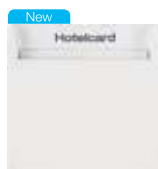
aluminium matt, lacquered	★ 1641 71 34	1

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 mm²



Push-button for hotel card

Rated voltage
Momentary-contact current

250 V~
2 A

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

10 A design on request.

Suitable for optional

Neon lamp unit with N terminal
Glow lamp unit with N-terminal
LED unit 230 V, for switches/push-buttons

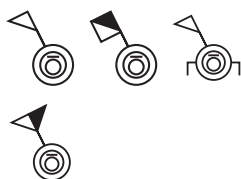
Order no.

1675 ..
1676 ..
1686 ..

Page

56
56
20

i 458



Design

Order no.

PU

Push-button, NO contact for hotel card

5051 02

10

Push-button, change-over contact for hotel card

5056 01

10

Push-button, NO contact for hotel card,
2 separate signal contacts

5051 03

10

Push-button, NC contact + NO contact for hotel card,
isolated input terminals

5052 01

10

Centre plate with imprint for push-button for hotel card

- red lens



Card thickness

0.5 ... 1.4 mm

Card width

max. 54 mm

Other imprint on request!

Design

Order no.

PU

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

white glossy

1640 89 82

10

polar white glossy

1640 89 89

10

polar white matt

1640 19 09

10

anthracite matt

1640 16 06

10

aluminium matt, lacquered

1640 14 04

10

Berker Q.1/Q.3

white velvety ¹⁾

*** 1640 60 82**

10

polar white velvety ¹⁾

1640 60 89

10

anthracite velvety, lacquered ¹⁾

1640 60 86

10

Berker K.1/K.5

polar white glossy

1641 71 09

10

anthracite matt, lacquered

1641 71 06

10

aluminium matt, lacquered

1641 71 03

10

stainless steel matt, lacquered

1641 71 04

10

Berker Arsys

white glossy

1641 00 02

10

polar white glossy

1641 00 69

10

brown glossy

1641 00 01

10

light bronze matt, lacquered

1641 90 11

10

stainless steel matt, lacquered

1641 90 04

10

¹⁾ with orange lens



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 mm²
- Switching angle 3.5°



Change-over/intermediate switch

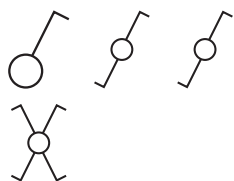
Rated voltage
Switching current

250 V~
10 AX

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

i 448

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	3031	10
Change-over switch	3036	10
Change-over switch for installation in hollow walls ¹⁾	3036 50	10
Intermediate switch	3037	10

¹⁾ low installation depth, without spreader claws



Push-button

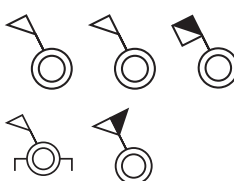
Rated voltage
Momentary-contact current
Contact spacing

250 V~
10 A
> 3 mm

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

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
Push-button, NO contact	5031	10
Push-button, NO contact for installation in hollow walls ¹⁾	5031 50	10
Push-button, change-over	5036	10
Push-button, NO contact, 2 separate signal contacts	5031 01	10
Push-button, NC contact + NO contact, isolated input terminals	5032 03	10

¹⁾ low installation depth, without spreader claws

Rockers for 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



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



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



Berker Q.1/Q.3

white velvety ¹⁾	* 1661 60 42	10
polar white velvety ¹⁾	1661 60 49	10



Berker K.1/K.5

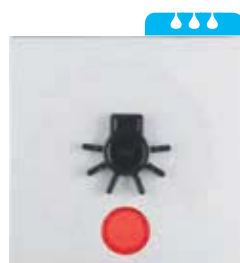
polar white glossy	1661 71 09	10



Berker R.1/R.3

polar white glossy ²⁾	1661 20 49	10

¹⁾ only orange and clear lenses enclosed
²⁾ with clear lens only



Rocker for barrier-free construction

- tactile light symbol
- red lens



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

Design

Order no.

PU

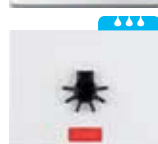
Berker S.1/B.3/B.7

polar white matt	1651 19 49	10



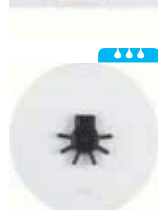
Berker Q.1/Q.3

white velvety ¹⁾	* 1651 60 42	10
polar white velvety ¹⁾	1651 60 49	10



Berker K.1/K.5

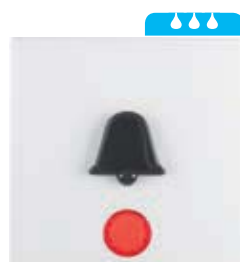
polar white glossy	1651 71 09	10



Berker R.1/R.3

polar white glossy ²⁾	1651 20 49	10

¹⁾ with orange lens
²⁾ with clear lens



Rocker for barrier-free construction

- tactile bell symbol
- red lens



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

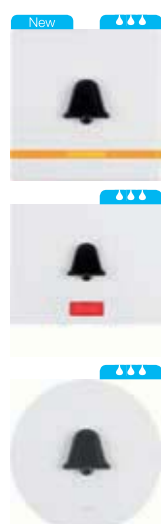
Design

Order no.

PU

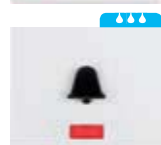
Berker S.1/B.3/B.7

polar white matt	1651 19 59	10



Berker Q.1/Q.3

white velvety ¹⁾	★ 1651 60 52	10
polar white velvety ¹⁾	1651 60 59	10



Berker K.1/K.5

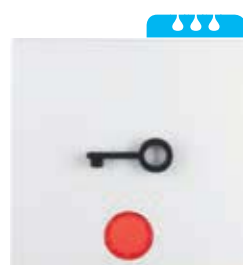
polar white glossy	1651 72 09	10



Berker R.1/R.3

polar white glossy ²⁾	1651 20 89	10

¹⁾ with orange lens
²⁾ with clear lens



Rocker for barrier-free construction

- tactile symbol for door opener
- red lens



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

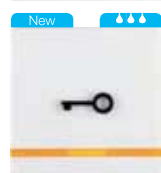
Design

Order no.

PU

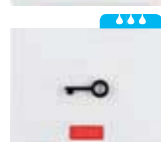
Berker S.1/B.3/B.7

polar white matt	1651 19 69	10



Berker Q.1/Q.3

white velvety ¹⁾	★ 1651 60 62	10
polar white velvety ¹⁾	1651 60 69	10



Berker K.1/K.5

polar white glossy	1651 73 09	10

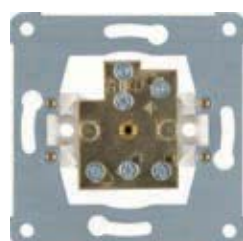


Berker R.1/R.3

polar white glossy ²⁾	1651 20 69	10

¹⁾ with orange lens
²⁾ with clear lens

Equipotential bonding sockets



Socket outlet for floating output

- screw terminals



Conductor cross-section (rigid) max. 6 mm²

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

Connection pins according to DIN 42801

- without spreader claws
- with screw terminals

Suitable for

Central plate for socket outlet for floating output
Centre plate socket outlet for floating output
Right angle plug for floating output

Order no.
1403 ..

Page
172

1705 01 04
4605

310
65

Design

Order no.

PU

Socket outlet for floating output

1061

10





Built-in socket for floating output

Conductor cross-section (rigid) max. 6 mm² – for 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	4604	1



Right angle plug for floating output

Conductor cross-section (rigid) max. 6 mm² – 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	1061	64
optional		
Built-in socket for floating output	4604	65

Design	Order no.	PU
Right angle plug for floating output	4605	1

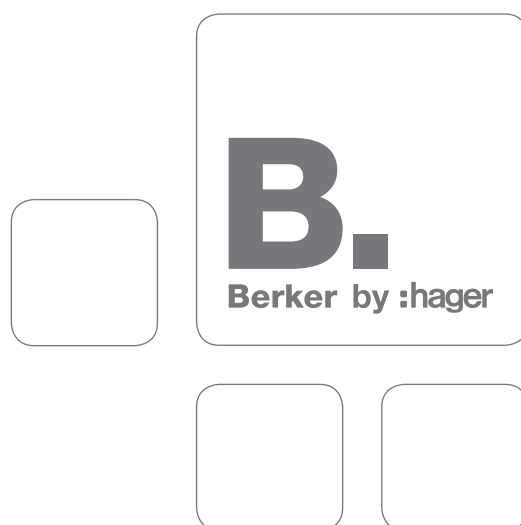
Motion detector

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
Motion detectors	73
Presence detectors	75
Surface-mounted motion detectors/ Built-in	78



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 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 mm²

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.

Suitable for optional

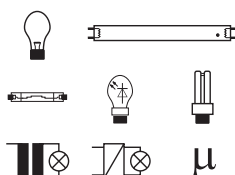
Making current limiter

Order no.

185 ..

Page

59



Design

Order no.

PU

Relay insert

8512 12 00

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 ²	
Operating temperature	-5 ... +45 °C	
Insertion depth	32 mm	

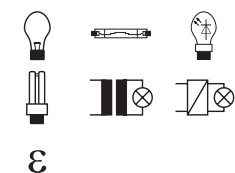
Only suitable for operation with dimmable loads!

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 00

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 ²
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)

8542 11 00

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 ²
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

8542 12 00

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 ²
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

8532 01 00

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 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

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

Berker Q.1/Q.3

white velvety	★ 8534 12 22	1
polar white velvety	8534 12 29	1
anthracite velvety, lacquered	8534 12 26	1

Berker K.1/K.5

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

Berker R.1/R.3

polar white glossy ¹⁾	8534 12 39	1
black glossy ¹⁾	8534 12 31	1

¹⁾ no dismantling protection possible





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

Berker Q.1/Q.3

white velvety	* 8534 22 22	1
polar white velvety	8534 22 29	1
anthracite velvety, lacquered	8534 22 26	1

Berker K.1/K.5

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

Berker R.1/R.3

polar white glossy ¹⁾	8534 22 39	1
black glossy ¹⁾	8534 22 31	1

¹⁾ no dismantling protection possible



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	8534 11 82	1
polar white glossy	8534 11 89	1
polar white matt	8534 11 88	1
anthracite matt	8534 11 85	1
aluminium, matt, lacquered	8534 11 83	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 ¹⁾	8534 11 39	1
black glossy ¹⁾	8534 11 31	1

¹⁾ no dismantling protection possible



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 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

Suitable for Inserts	Order no.	Page page 68
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

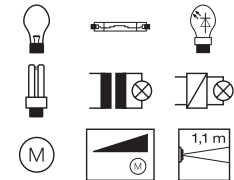
polar white glossy ¹⁾	8534 21 39	1
black glossy ¹⁾	8534 21 31	1

¹⁾ no dismantling protection possible



Motion detectors

New



IK04 IP20

Motion detector 1.1 m

Operating voltage	230 V~
Frequency	50/60 Hz
Power consumption (standby)	< 300 mW
230 V incandescent lamps and halogen lamps	25 ... 200 W
dimnable 230 V LED lamps	8 ... 40 W
Compact fluorescent lamps	12 ... 48 W
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	≈ 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 ²
Insertion depth	32 mm
Operating temperature	-5 ... +45 °C
Response brightness, adjustable	$\approx 5 \dots 1000$ lx, ∞ lx (day)

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.



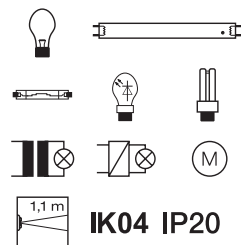
- with red status LED
- with 2 potentiometers for fine adjustment of response brightness and sensitivity
- with switch-off pre-warning (can be deactivated)
- short-circuit and overload proof (electronic fuse)
- overheating protection (display using LEDs)
- with button for on/off/automatic

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

Design	Order no.	PU
Motion detector 1.1 m	★ 2995	1

Motion detector

New



IK04 IP20

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	≈ 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 ²
Insertion depth	32 mm
Operating temperature	-5 ... +45 °C
Response brightness, adjustable	$\approx 5 \dots 1000$ lx, ∞ 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

Suitable for
Cover for motion detector compact 1.1m

Order no.
1190 ..

Page
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	★ 2996	1

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.
2995
2996

Page
73
74

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

Presence detectors

Presence detector surface-mounted/flush-mounted



Presence detector AP

Operating voltage	230 V~
Frequency	50/60 Hz
230 V incandescent lamps and halogen lamps	1000 W
Conventional transformers	750 VA
Electronic transformers	750 W
Fluorescent lamps:	
- uncompensated	500 VA
- parallel compensated	400 VA [200 µF]
Duo circuit KVG	1000 VA
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

- with communication between individual units connected in parallel (controller system formation)
- with red diagnosis and settings help LED
- energy saving by means of presence and brightness-dependent ON and OFF switching of light
- on push-button (NO), extension units can be switched on and off by retriggering
- for ceiling assembly (also on a 60 wall box)
- also to be used as ceiling controller in through areas
- with plug-in terminals
- with push-on cover to limit the detection field
- with fitting material

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

IR presence detectors

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

New



IP41

IR presence detector

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

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	★ EE8 15	1

New



IP41

DALI IR presence detector

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

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	★ EE8 16	1

New



Surface-mounted housing for presence detector

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	★ EEK0 05	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	★ EE8 08	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	★ EE8 07	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 electronical 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	★ EE8 20	1
anthracite matt	★ EE8 21	1

New



IP55

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

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!

- 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

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	★ EE8 50	1

New



IP55

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

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!

- 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

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	★ EE8 60	1

	Motion detector, 360°, built-in		
	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	
	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!		
		– can only be used as a single unit – with potentiometers for setting the response brightness and delay time without dismantling – energy saving by means of presence and brightness-dependent ON and OFF switching of light – low intrinsic energy requirement – on push-button (NO), extension units can be switched on and off by retriggering – with spring clips for ceiling installation – for ceiling mounting – for surface-mounted housing – with fitting material – with screw terminals	
		Suitable for optional	Order no.
		Hand-held transmitter for motion detector	EE8 06
			Page
			80
		Order no.	PU
		★ EE8 05	1

	Hand-held transmitter for motion detector			i	459
	Battery service life [years]	≈ 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 – 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 – RC6 code – additional acknowledgement LED for displaying the IR transmission			
		Suitable for	Order no.	Page	
		Motion detector, 360°, built-in	EE8 05	80	
		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	
		Order no.		PU	
		Hand-held transmitter for motion detector	★ EE8 06	1	

Mounting accessories

	Surface-mounted corner mounting adapter for motion detector		
		– for mounting, e.g. on building corners	
		Suitable for	Order no.
		Motion detector, 140°, surface-mounted	EE8 20
			Page
			78
		Order no.	PU
		★ EE8 25	1
		★ EE8 26	1

	Surface-mounted corner mounting adapter for motion detector comfort		
		– for mounting, e.g. on building corners	
		Suitable for	Order no.
		Motion detector comfort 140° surface-mounted	EE8 50
		Motion detector comfort 220° surface-mounted	EE8 60
		Motion detector, 140°, surface-mounted	EE8 2 ..
			Page
			79
			79
			78
		Order no.	PU
		★ EE8 55	1



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

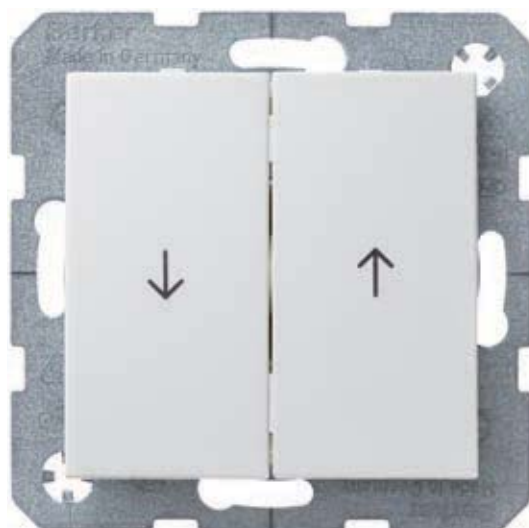
	– for ceiling mounting		
	Suitable for Motion detector, 140°, surface-mounted	Order no. EE8 20	Page 78
Design	Order no.		PU
Surface-mounted ceiling mounting adapter for motion detector	* EE8 27		1
Surface-mounted corner mounting adapter for motion detector	* EE8 28		1

Motion detector

Blind control

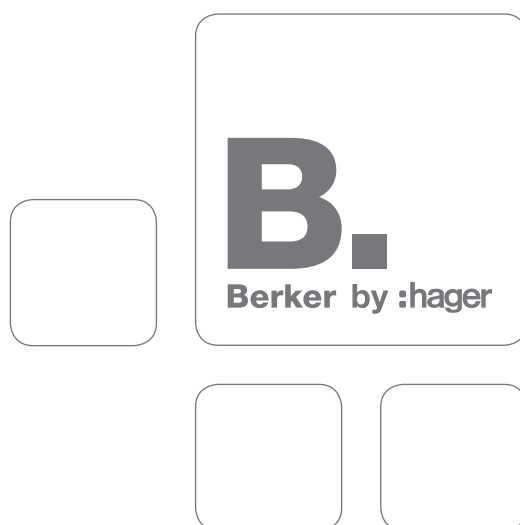
A single action – and you can darken, brighten, open or lock any room to people outside. When combined with timers or sensors, all of this can happen automatically at times you set yourself or when the weather is bad. In this way, a Berker blind controller not only provides controlled sunlight penetration 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

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

Follow the motor manufacturers' instructions.

i 460



Design

Blind series switch 1pole

Order no.

3035 20

PU

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

Follow the motor manufacturers' instructions.

i 460



Design

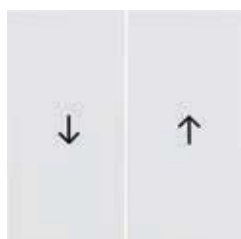
Blind series push-button 1pole

Order no.

5035 20

PU

10



Rocker 2gang with imprinted arrow symbol

- also for KNX applications: push-button, 2gang
- for blind series switch/push-button

Design

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

Order no.

PU

white glossy

1625 89 82

10

polar white glossy

1625 89 89

10

polar white matt

1625 19 09

10

anthracite matt

1625 16 06

10

aluminium matt, lacquered

1625 14 04

10

Berker Q.1/Q.3

white velvety

*** 1625 60 82**

10

polar white velvety

1625 60 89

10

anthracite velvety, lacquered

1625 60 86

10

Berker K.1/K.5

polar white glossy

1435 71 09

10

anthracite matt, lacquered

1435 71 06

10

Aluminium, aluminium anodised

1435 71 03

10

Stainless steel, metal matt finish

1435 71 04

10

Berker Arsys

white glossy

1435 01 02

10

polar white glossy

1435 01 69

10

brown glossy

1435 01 01

10

Stainless steel, metal matt finish

1434 01 04

10

gold matt, aluminium anodised

1434 01 02

10

Berker R.1/R.3

polar white glossy

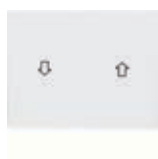
1625 20 89

10

black glossy

1625 20 45

10



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

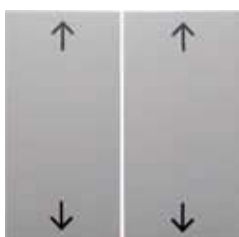
Rated voltage 250 V~
Momentary-contact current 10 A
Contact spacing > 3 mm

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	5034 04	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	1644 89 82	10
polar white glossy	1644 89 89	10
polar white matt	1644 19 09	10
anthracite matt	1644 16 06	10
aluminium matt, lacquered	1644 14 04	10

Berker Q.1/Q.3

white velvety	* 1644 60 82	10
polar white velvety	1644 60 89	10
anthracite velvety, lacquered	1644 60 86	10

Berker K.1/K.5

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

Berker Arsys

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

Berker R.1/R.3

polar white glossy	1644 20 89	10
black glossy	1644 20 45	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

i 460

Rated voltage
Switching current

250 V~
10 A

- with push lock function
- with neutral-position
- for centre plate with rotary knob
- with screw terminals

Follow the motor manufacturers' instructions.
Connection terminals according to IEC 60669-1

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



Design

Order no.

PU

Rotary switch for blinds 1pole

3841

10



Rotary switch for blinds 2pole

i 460

Rated voltage
Switching current

250 V~
10 A

- with push lock function
- with neutral-position
- for centre plate with rotary knob
- with screw terminals

Follow the motor manufacturers' instructions.
Connection terminals according to IEC 60669-1

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
optional		
Interlock disk for rotary switch for blinds	1861 ..	87



Design

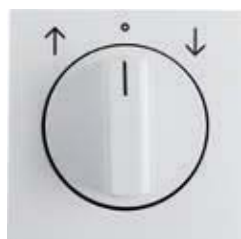
Order no.

PU

Rotary switch for blinds 2pole

3842

10



Centre plate with rotary knob for rotary switch for blinds

- with imprint

Design

Order no.

PU

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

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

Berker Q.1/Q.3

white velvety	★ 1080 60 82	1
polar white velvety	1080 60 89	1
anthracite velvety, lacquered	1080 60 86	1

Berker K.1/K.5

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

Berker Arsys

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





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



Interlock disk for rotary switch for blinds

- for conversion to rotary push-button for blinds

Design	Order no.	PU
Berker S.1/B.3/B.7, Q.1/Q.3, K.1/K.5, Arsys		
Interlock disk for rotary switch for blinds	1861	10
Berker R.1/R.3/Serie R.classic		
Interlock disk for rotary switch for blinds	1861 01	10

Key switches/key push-buttons for blinds



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



Switch for blinds 1pole for centre plate with lock

i 460

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	3851	10



Switch for blinds 2pole for centre plate with lock

i 460

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	3852	10



Centre plate with lock and push lock function for switch for blinds

- key can be removed in 0 position



- with imprint
- with 2 keys

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	1081 89 82	1
polar white glossy	1081 89 89	1
polar white matt	1081 19 09	1
anthracite matt	1081 16 06	1
aluminium matt, lacquered	1081 14 04	1



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

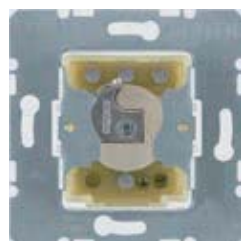
white velvety	★ 1083 60 82	1
polar white velvety	1083 60 89	1
anthracite velvety, lacquered	1083 60 86	1

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

Switching current

250 V~
10 A

- 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

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

Design

Order no.

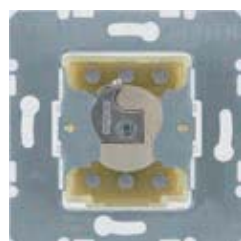
PU

Flush-mounted splash-protected IP44

Switch for blinds 1pole for lock cylinder

3821 20

10



Switch for blinds 2pole for lock cylinder

Rated voltage

Switching current

250 V~
10 A

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

Not suitable for water-protected,
flush-mounted installation IP44.
Follow the motor manufacturers' instructions.

Suitable for
Lock cylinder

Order no.
1818 ..

Page
60

Design

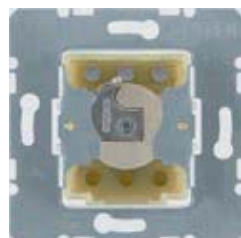
Order no.

PU

Switch for blinds 2pole for lock cylinder

3822 10

10



Push-button for blinds 1pole for lock cylinder

Rated voltage

Momentary-contact current

250 V~
10 A

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

Not suitable for water-protected,
flush-mounted installation IP44.
Follow the motor manufacturers' instructions.

Suitable for
Lock cylinder

Order no.
1818 ..

Page
60

Design

Order no.

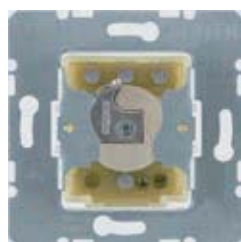
PU

Push-button for blinds 1pole for lock cylinder

3831 10

10





Push-button for blinds 1pole for lock cylinder

- earthing contact



Rated voltage

Momentary-contact current

250 V~
10 A

- 1pole
- 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.

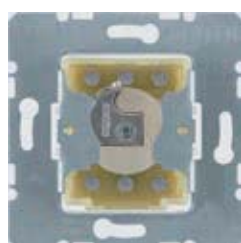
PU

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

Momentary-contact current

250 V~
10 A

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

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

Follow the motor manufacturers' instructions.

Suitable for
Lock cylinder

Order no.

1818 ..

Page
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

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

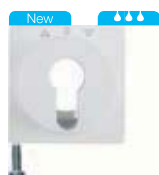
1504 90 21

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

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

Design

Order no.

PU

with differing closures

Lock cylinder	1818	1

with same closures

Lock cylinder	1818 01	1

Berker.Net - conventional electronics platform



μ IP20

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 ²
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

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

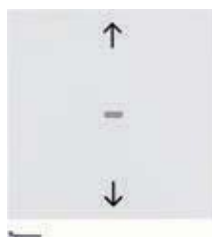
Design

Order no.

PU

Blind insert comfort	8522 11 00	1

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

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.

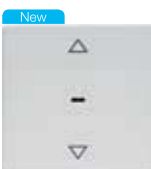
PU

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

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

Berker Q.1/Q.3

white velvety	* 8524 11 22	1
polar white velvety	8524 11 29	1
anthracite velvety, lacquered	8524 11 26	1





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

¹⁾ no dismantling protection possible



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

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.

- 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

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

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



New



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

¹⁾ no dismantling protection possible

Physical sensors



μ IP65

Precipitation sensor

Operating voltage	230 V~
Frequency	50/60 Hz
Operating temperature	-30 ... +70 °C
Mast Ø	max. 62 mm
Switching current at 250 V~ (ohmic)	max. 6 A
Dimensions, mounting bracket (W x H x D)	130 x 90 x 90 mm
Switching current at 30 V= (ohmic)	max. 3 A
Dimensions sensor (L x W x H)	82 x 60 x 57.5 mm
Switch-on current at 250 V (ohmic)	max. 15 A
Pre-assembled cables	≈ 2.9 m
Power consumption incl. additional heating	max. 4.5 W

- with stainless steel mounting bracket approx. 70°
- with pipe clamp for mast fixing
- with potential-free change-over contact
- pre-assembled, with cables
- heated

Suitable for
Blind insert comfort

Order no.
8522 11 0 ..

Page
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	183 01	1



Wind sensor

Measuring range, wind strengths	3 ... 10 Bft
Measuring range, wind speed	0.5 ... 40 m/s
Pre-assembled cable	≈ 3 m

- confectioned with cable LIYY 2 x 0.5 mm² and conductor sleeves
- reed contact (frequency measurement)
- with fitting material

Suitable for
Interface surface-mounted for wind sensor

Order no.
173

Page
93

Design	Order no.	PU
white	172 01	1



IP55

Interface surface-mounted for wind sensor

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current	2 A
Wind strengths, settable	3 ... 10 Bft
Dimensions (W x H x D)	110 x 94 x 38 mm

- 2 NO contacts, common input terminal
- with screw terminals
- with potential-free contact
- with fitting material
- with test mode

Suitable for
Wwind sensor
Blind insert comfort

Order no.
172 01
8522 11 0 ..

Page
93
91

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.

Design	Order no.	PU
polar white	173	1



IP67

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.

Design	Order no.	PU
polar white glossy	9251 02	1
brown glossy	9251 01	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 $\cos \varphi = 0.6$	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 ²	- 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	2969	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 $\cos \varphi = 0.6$	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 $\cos \varphi = 1$	max. 8 A	

Neutral conductor necessary!



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



Cutoff relay RMD

i 473

- extension outputs



Operating voltage	230 V~
Frequency	50 Hz
Switching current at cos φ = 0.6	max. 4 A
Dimensions (W x H x D)	45 x 71 x 42 mm
Conductor cross-section (rigid)	max. 2.5 mm²
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	2919	1



Cutoff relay RMD

i 473

Operating voltage	230 V~
Frequency	50/60 Hz
Switching current at cos φ = 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 φ = 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!

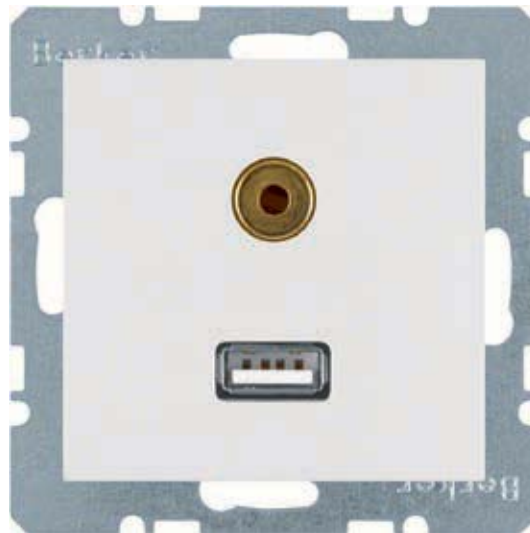


Design	Order no.	PU
Cutoff relay RMD	2931	1

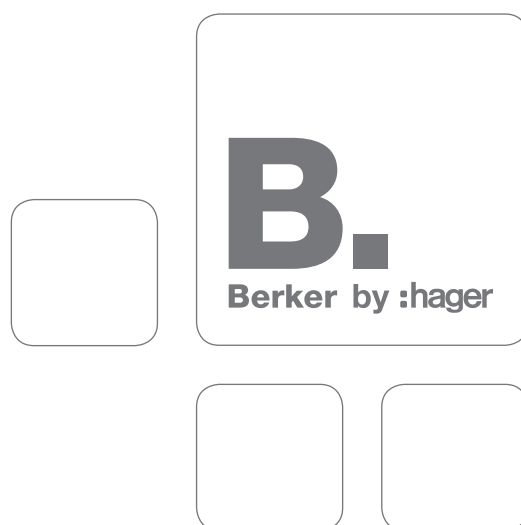
Communication/ Multimedia technology

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
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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

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	4568	10



FCC socket outlet, 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



Design	Order no.	PU
white	4538	10



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

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	★ 4554 01	10



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

i 462

Rated voltage	72 V=
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_A iso\class E_A according to ISO/IEC 11801 A2
Protective screen according to DIN EN 55022, Class B
Design to according to DIN EN 60603-7-51

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- suitable for PoE+
- with screen contacting 360° and strain relief
- flexible cable routing
- with 45° oblique outlet
- without spreader claws
- with LSA+ terminals



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

New



WLAN Access-Point UP

Rated voltage	230 V~
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

- Operating modes in WLAN: Access-Point, Repeater/Bridge, Client (WDS), Client (relayed)
- Ciphering method: WEP, WPA, WPA2
- WLAN range can be configured for adaptation to spatial conditions
- Configuration of the integrated web server via web browser
- with integral WLAN antenna
- with RJ45 jack on front
- LAN connection via 5pole screw terminal block
- with 2pole plug-in terminal for mains voltage

Manufacturer product line

Art. No.

Reset magnet
Rutenbeck

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)
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

- Operating modes in WLAN: Access-Point, Repeater/Bridge, Client (WDS), Client (relayed)
- Ciphering method: WEP, WPA, WPA2
- WLAN range can be configured for adaptation to spatial conditions
- Configuration of the integrated web server via web browser
- with integral WLAN antenna
- Power supply (PoE, class2) of further network devices possible via RJ45 jack on front
- LAN connection/PoE power supply via 9pole screw terminal block

Manufacturer product line

Art. No.

Reset magnet
Rutenbeck

Design	Order no.	PU
WLAN Access-Point flush-mounted, PoE	★ 4583	1



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_A 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

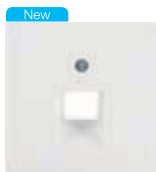
polar white glossy	1407 70 09	10
anthracite matt, lacquered	1407 70 06	10
Aluminium, aluminium anodised	1407 70 03	10
Stainless steel, metal matt finish	1407 70 04	10

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_A 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

i 462

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



Design	Order no.	PU
white	4562	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	4539	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
		- 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



Design	Order no.	PU
FCC socket outlet 8/8pole shielded, cat.6/class E	★ 4555 01	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
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_A iso/class E_A 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 8/8pole shielded, cat.6 iso	4587	10



Centre plate for FCC socket outlet 2gang

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

- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- with 45° oblique outlet

Manufacturer product line

FCC socket outlets

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

ISDN socket outlets (Rutenbeck)

Telekom

Art. No.

Design

Order no.

PU

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

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

Berker Q.1/Q.3

white velvety	★ 1409 60 82	10
polar white velvety	1409 60 89	10
anthracite velvety, lacquered	1409 60 86	10

Berker K.1/K.5

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

Berker Arsys

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

Berker R.1/R.3

polar white glossy	1409 20 89	10
black glossy	1409 20 45	10





Central plate for FCC socket outlet 2gang

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

Caution!

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

- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- 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
CobiNet
Corning
Dätwyler
EFB Electronic
Elmat/Süveg (STL-Gruppe)
Komos
Leoni Kerpen
Rutenbeck
Setec
Telegärtner
Telena

ISDN socket outlets (Rutenbeck)

Telekom

Art. No.

Design	Order no.	PU
white glossy	1469 02	10
polar white glossy	1469 09	10
brown glossy	# 1469 01	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_A iso\class E_A 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_A iso\class E_A according to DIN EN 50173-1:2011-09



Design	Order no.	PU
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	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	4584	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	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

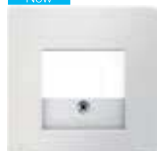
Berker Arsys

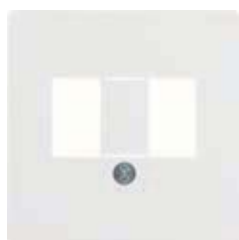
white glossy	# 1035 01 02	10
polar white glossy	# 1035 01 69	10
brown glossy	# 1035 01 01	10
light bronze matt, aluminium lacquered	# 1034 00 01	10
Stainless steel, metal matt finish	# 1034 00 04	10
gold matt, aluminium anodised	# 1034 00 02	10

Berker R.1/R.3

polar white glossy	1038 20 89	10
black glossy	1038 20 45	10

New





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.
FCC socket outlets	
Dätwyler	
Rutenbeck	
TAE and FCC overvoltage protection sockets	
Dehn	
EAD socket outlets	
Drivex	
Fröhlich + Walter	
Intracom	

Design	Order no.	PU
white glossy	1458 02	10
polar white glossy	1458 09	10
brown glossy	# 1458 01	10

Installation of external modular jacks



Supporting plate with black mounting device 1gang for modular jack

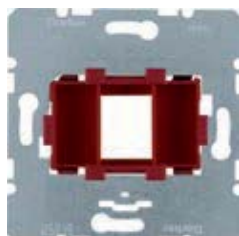
Indexing dimension (W x H) $\approx 14.8 \times 20.5$ mm

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 1gang for modular jack	4542 01	10



Supporting plate with red mounting device 1gang for modular jack

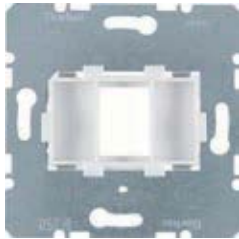
Indexing dimension (W x H) $\approx 15.5 \times 19.5$ mm

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

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

Manufacturer product line	Art. No.
Modular jacks	
Abitana	
AMP	
Assmann	
Asyco	
Dätwyler	
Dr. Ing. Sieger	
EFB Electronic	
Erni	
Hubbell	
ICS	
Leoni Kerpen	
Nexans	
Premium Line Systems	
Radiall	
Rutenbeck	
Setec	
Telegärtner	
ZA-Tec	

Design	Order no.	PU
Supporting plate with red mounting device 1gang for modular jack	4540 01	10



Supporting plate with white mounting device 1gang for modular jack

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

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

- for centre plate with dust protector slider
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- without spreader claws

Manufacturer product line

Art. No.

Modular jacks

AMP
Brand-Rex
CobiNet
EFB Electronic

Design

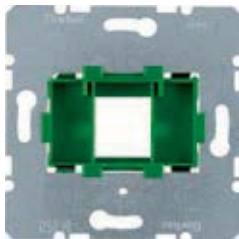
Order no.

PU

Supporting plate with white mounting device 1gang for modular jack

4540 02

10



Supporting plate with green mounting device 1gang for modular jack

Indexing dimension (W x H) ≈ 17 x 18 mm

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

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

Manufacturer product line

Art. No.

Modular jacks

Commscope-Systimax: gigaSpeed

PowerSUM

MGS300BH-...

MGS400-...

MGS500-...

MPS100E-...

Design

Order no.

PU

Supporting plate with green mounting device 1gang for modular jack

4540 04

10



Centre plate with dust protection slider

- labelling field



Design

Order no.

PU

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

polar white matt

1170 19 09

10

anthracite matt

1170 16 06

10

aluminium matt, lacquered

1170 14 04

10

Berker Q.1/Q.3

white velvety

★ **1170 60 82**

10

polar white velvety

1170 60 89

10

anthracite velvety, lacquered

1170 60 86

10

Berker K.1/K.5

polar white glossy

1170 70 09

10

anthracite matt, lacquered

1170 70 06

10

aluminium matt, lacquered

1170 70 03

10

stainless steel matt, lacquered

1170 70 04

10

Berker R.1/R.3

polar white glossy, without labelling field

1170 20 89

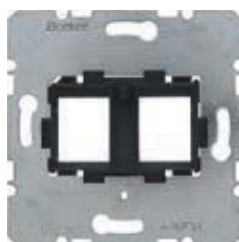
10

black glossy, without labelling field

1170 20 45

10





Supporting plate with black mounting device 2gang for modular jack

Indexing dimension (W x H) $\approx 14.8 \times 20.5$ 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
Modular jacks
3M

Art. No.

Design

Order no.

PU

Supporting plate with black mounting device 2gang for modular jack

4542 02

10



Supporting plate with red mounting device 2gang for modular jacks

Indexing dimension (W x H) $\approx 15.5 \times 19.5$ 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
Modular jacks

Art. No.

Abitana
AMP
Assmann
Asyco
Dätwyler
Dr. Ing. Sieger
EFB Electronic
Erni
Hubbell
ICS
Leoni Kerpen
Nexans
Premium Line Systems
Radiall
Rutenbeck
Setec
Telegärtner
ZA-Tec

Design

Order no.

PU

Supporting plate with red mounting device 2gang for modular jacks

4541 01

10



Supporting plate with white mounting device 2gang for modular jacks

Indexing dimension (W x H) $\approx 14.9 \times 20.7$ 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
Modular jacks

Art. No.

AMP
Brand-Rex
CobiNet
EFB Electronic

Design

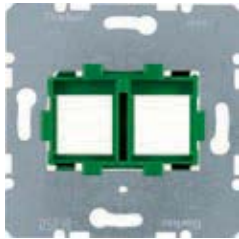
Order no.

PU

Supporting plate with white mounting device 2gang for modular jacks

4541 05

10



Supporting plate with green mounting device 2gang for modular jacks

Indexing dimension (W x H) ≈ 17 x 18 mm

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

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

Manufacturer product line

Art. No.

Modular jacks

Commscope-Systimax: gigaSpeed

MGS300BH-...

MGS400-...

MGS500-...

PowerSUM

MPS100E-...

Design

Order no.

PU

Supporting plate with green mounting device 2gang for modular jacks

4541 04

10



Supporting plate with brown mounting device 2gang for modular jacks

Indexing dimension (W x H) ≈ 14.9 x 19.5 mm

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

- for centre plate with dust protector sliders
- for Krone modular jacks cat.5, cat.5e and cat.6
- without spreader claws

Manufacturer product line

Art. No.

Modular jacks

Harting

Krone

Reichle&De-Massari

Thomas & Betts

Fibre-optic couplings

3M

Krone

mvk

Design

Order no.

PU

Supporting plate with brown mounting device 2gang for modular jacks

4541 07

10



Supporting plate with orange mounting device 2gang for modular jacks

Indexing dimension (W x H) ≈ 14.9 x 19.4 mm

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

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

Manufacturer product line

Art. No.

Modular jacks

BTR

Dätwyler

Design

Order no.

PU

Supporting plate with orange mounting device 2gang for modular jacks

4541 09

10



Centre plate with 2 dust protection sliders

- labelling field



Design

Order no.

PU

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

white glossy

1181 89 82

10

polar white glossy

1181 89 89

10

polar white matt

1181 19 09

10

anthracite matt

1181 16 06

10

aluminium matt, lacquered

1181 14 04

10

Berker Q.1/Q.3

white velvety

*** 1181 60 82**

10

polar white velvety

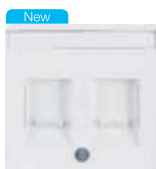
1181 60 89

10

anthracite velvety, lacquered

1181 60 86

10





Design	Order no.	PU
Berker K.1/K.5		
polar white glossy	1182 70 09	10
anthracite matt, lacquered	1182 70 06	10
aluminium matt, lacquered	1182 70 03	10
stainless steel matt, lacquered	1182 70 04	10
Berker Arsys		
white glossy	# 1182 00 02	10
polar white glossy	# 1182 00 69	10
brown glossy	# 1182 00 01	10
light bronze matt, lacquered	# 1182 90 11	10
stainless steel matt, lacquered	# 1182 90 04	10
Berker R.1/R.3		
polar white glossy, without labelling field	1181 20 89	10
black glossy, without labelling field	1181 20 45	10



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.
Mini-Com modules	
Panduit	

Design	Order no.	PU
white glossy	1427 02	10
polar white glossy	1427 09	10
polar white matt/velvety	1427 19 09	10
anthracite matt	1427 16 06	10
aluminium matt, lacquered	1427 14 04	10



Central plate for Reichle&De-Massari single modules

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

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

- with supporting plate
- for connecting modules RJ45 cat.5e and cat.6
- for fibre-optic modules
- labelling field latchable
- with 30° oblique outlet
- without spreader claws

Suitable for	Order no.	Page
Intermediate rings		page 118
Manufacturer product line		Art. No.
Modules		
Reichle&De-Massari		

Design	Order no.	PU
white glossy	1472 02	10
polar white glossy	1472 09	10
polar white matt/velvety	1472 19 09	10
anthracite matt	1472 16 06	10
aluminium matt, lacquered	1472 14 04	10



Central plate for Reichle&De-Massari double module

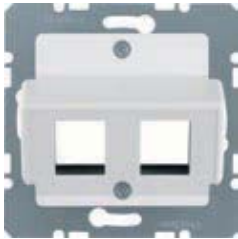
For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

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

- with supporting plate
- for connecting modules RJ45 cat.5e and cat.6
- for fibre-optic modules
- labelling field latchable
- with 30° oblique outlet
- without spreader claws

Suitable for	Order no.	Page
Intermediate rings		page 118
Manufacturer product line		Art. No.
Modules		
Reichle&De-Massari		
Diamond		

Design	Order no.	PU
white glossy	1461 02	10
polar white glossy	1461 09	10
polar white matt/velvety	1461 19 09	10



Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

Shielded versions touch each other.

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

Caution!

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

- with supporting plate
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- for AMP fibre-optic couplings MT-RJ jacks
- labelling field latchable
- with 30° oblique outlet
- without spreader claws

Suitable for
Intermediate rings

Order no.

Page
page 118

Manufacturer product line

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

Art. No.

Design	Order no.	PU
white glossy	1463 02	10
polar white glossy	1463 09	10
polar white matt/velvety	1463 19 09	10
anthracite matt	1463 16 06	10
aluminium matt, lacquered	1463 14 04	10



Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

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

Caution!

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

- with supporting plate
- for Krone modular jacks cat.5, cat.5e and cat.6
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- with 30° oblique outlet
- without spreader claws

Suitable for
Intermediate rings

Order no.

Page
page 118

Manufacturer product line

Modular jacks

3M

Assmann

Asyco

Dätwyler

Erni

Harting

Hubbell

ICS

Krone

Leoni Kerpen

Nexans

Premium Line Systems

Setec

Telegärtner

Thomas & Betts

Art. No.

Design	Order no.	PU
white glossy	1464 02	10
polar white glossy	1464 09	10
polar white matt/velvety	1464 19 09	10
anthracite matt	1464 16 06	10
aluminium matt, lacquered	1464 14 04	10

Mounting 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	1492 02	10
polar white glossy, 2gang	1492 09	10
polar white matt/velvety, 2gang	1492 19 09	10



Central plate for fibre-optic couplings Duplex SC

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

Caution!

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

- with supporting plate
- for 1 or 2 fibre-optic couplings
- with 30° oblique outlet
- 1 knock out opening
- without spreader claws

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	1480 02	10
polar white glossy	1480 09	10
polar white matt/velvety	1480 19 09	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	★ 4502 10	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	★ 4515 10	10
13 dB	★ 4515 15	10
20 dB	★ 4515 20	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	★ 4522 10	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	4503	1



Centre plate for aerial socket 2-/3hole

For aerial socket according to DIN 45330

– with knock out SAT input

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	1203 89 82	10
polar white glossy	1203 89 89	10
polar white matt	1203 19 09	10
anthracite matt	1203 16 06	10
aluminium matt, lacquered	1203 14 04	10
Berker Q.1/Q.3		
white velvety	★ 1203 60 82	10
polar white velvety	1203 60 89	10
anthracite velvety, lacquered	1203 60 86	10



Berker K.1/K.5

polar white glossy	1201 70 19	10
anthracite matt, lacquered	1201 70 16	10
Aluminium, aluminium anodised	1201 70 13	10
Stainless steel, metal matt finish	1201 70 14	10

Berker Arsys

white glossy	# 1201 01 12	10
polar white glossy	# 1201 01 79	10
brown glossy	# 1201 01 11	10
light bronze matt, aluminium lacquered	# 1202 00 21	10
Stainless steel, metal matt finish	# 1202 00 04	10
gold matt, aluminium anodised	# 1202 00 02	10

Berker R.1/R.3

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)

Suitable for
Intermediate rings

Order no.

Page
page 118

Manufacturer product line
Aerial sockets

Art. No.

Ankaro
Astro
Axing
Delta
Schwaiger

Design

Order no.

PU

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

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)

Suitable for
Intermediate rings

Order no.

Page
page 118

Manufacturer product line
Aerial sockets
Hirschmann

Art. No.

Design

Order no.

PU

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



Central plate for broadband modem socket (Wisi)

Caution!

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

– with additional multimedia output

Suitable for
Intermediate rings

Order no.

Page
page 118

Manufacturer product line
Broadband modem socket
Wisi

Art. No.

Design

Order no.

PU

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	4470	10



Cable outlet with low installation depth

- with strain relief
- for lines dia. max. 9 mm
- space-saving for relays, etc.
- without terminal block



Design	Order no.	PU
Cable outlet with low installation depth	4468	10



Centre plate for cable outlet

- with an outlet below

Manufacturer product line
VDo connector boxes
Komos
Rutenbeck
Telenia

Art. No.

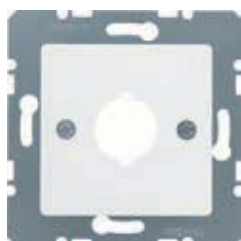
Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	1019 89 82	10
polar white glossy	1019 89 89	10
polar white matt	1019 19 09	10
anthracite matt	1019 16 06	10
aluminium matt, lacquered	1019 14 04	10
Berker Q.1/Q.3		
white velvety	★ 1019 60 82	10
polar white velvety	1019 60 89	10
anthracite velvety, lacquered	1019 60 86	10
Berker K.1/K.5		
polar white glossy	1005 70 09	10
anthracite matt, lacquered	1005 70 06	10
aluminium matt, lacquered	1005 70 03	10
stainless steel matt, lacquered	1005 70 04	10
Berker Arsys		
white glossy	# 1005 00 02	10
polar white glossy	# 1005 00 69	10
brown glossy	# 1005 00 01	10
light bronze matt, lacquered	# 1004 90 11	10
stainless steel matt, lacquered	# 1004 90 04	10





Design	Order no.	PU
Berker R.1/R.3		
polar white glossy	1019 20 89	10
black glossy	1019 20 45	10

Covers of external circular plug-in connectors



Central plate with installation opening Ø 18.8 mm

Screw spacing 36 mm

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

Caution!

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

- with supporting plate
- with cut-out dia. 18.8 mm
- labelling field latchable
- without spreader claws

Suitable for
Intermediate ring for central plate
optional
Built-in socket for floating output

Order no.	Page
4604	page 118
	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

Art. No.

Design	Order no.	PU
Berker S.1/B.3/B.7, Q.1/Q.3, K.1/K.5 - stainless steel, Arsys		
white glossy	1431 02	10
polar white glossy	1431 09	10
polar white, matt/velvety	1431 19 09	10
anthracite matt	1431 16 06	10
aluminium matt, lacquered	1431 14 04	10
stainless steel matt, lacquered	1431 04	10
Berker K.5 - Aluminium		
aluminium matt, lacquered	1431 70 03	10





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

Signalling and command units

Kraus-Naimer

Lumitas

Schlegel

Overvoltage protection devices

Dehn

OBO-Bettermann

Art. No.

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

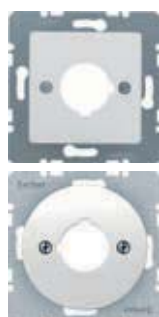
aluminium matt, lacquered	1432 14 04	10

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.

Page

1905 00 02 ..

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
Berker Arsys		
white glossy	# 1108 00 02	10
polar white glossy	# 1108 00 69	10
brown glossy	# 1108 00 01	10
light bronze matt, lacquered	# 1108 90 11	10
stainless steel matt, lacquered	# 1108 90 04	10



Labelling field for intermediate ring

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
Berker Q.1/Q.3, K.1/K.5, Arsys		
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



Intermediate ring with hinged cover

- for centre plate of third-party manufacturers with external dimension 50 x 50 mm
- with imprint

Design	Order no.	PU
Berker K.1/K.5		
polar white glossy ¹⁾	1154 71 09	10
anthracite matt, lacquered ¹⁾	1154 71 06	10
Aluminium aluminium anodised ¹⁾	1154 71 03	10
Stainless steel/metal matt finish ¹⁾	1154 71 04	10
Berker Arsys		
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

¹⁾ labelling field height arranged for 6 mm P-touch strips



Intermediate ring with hinged cover flat

- labelling field
- with imprint



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
Berker Arsys		
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
Berker Arsys		
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
Berker S.1/B.3/B.7		
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
Berker Q.1/Q.3		
white velvety	★ 1109 60 72	10
polar white velvety	1109 60 79	10
anthracite velvety, lacquered	1109 60 76	10
Berker K.1/K.5		
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
Berker Arsys		
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 ²	Suitable for
Insertion depth	32 mm	Centre plate with TAE cut-out
		Central plate with TAE cut-out

No data transmission possible!
USB connections according to DIN EN 50558

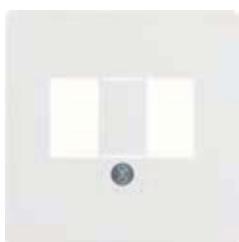
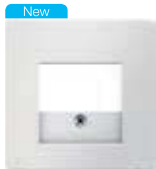
Design	Order no.	PU
polar white matt	2600 09	1
anthracite matt	2600 05	1





Centre plate with TAE cut-out

Design	Suitable for 230 V USB charging socket outlet	Order no.	Page
Berker S.1/B.3/B.7		2600 0 ..	120
white glossy			PU
polar white glossy			
polar white matt, with 2 knock out openings			
anthracite matt, with 2 knock out openings			
aluminium matt, lacquered, with 2 knock out openings			
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



Central plate with TAE cut-out

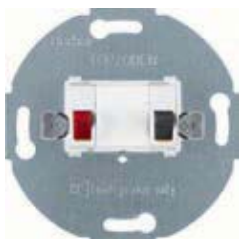
Caution!
Use only with intermediate ring for central plate from the corresponding range.

- labelling field latchable
- 1 knock out opening

Design	Suitable for Intermediate rings 230 V USB charging socket outlet	Order no.	Page
white glossy			page 118
polar white glossy			120
brown glossy	# 1458 01		10

Multimedia

Audio socket outlets



Loudspeaker connection box

Rated voltage
Conductor cross-section

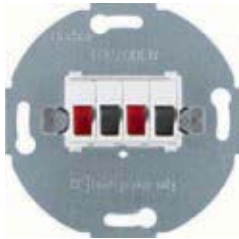
60 V=
max. 10 mm²

- with plug-in terminals
(on backside with screw terminals)

i 467

Design	Suitable for Centre plate with TAE cut-out Central plate with TAE cut-out	Order no.	Page
polar white matt			page 122
anthracite matt			page 122





Stereo loudspeaker connection box

Rated voltage
Conductor cross-section

60 V=
max. 10 mm²

– 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
page 122



Design

Order no.

PU

polar white matt

4573 09

10

anthracite matt

4573 05

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

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

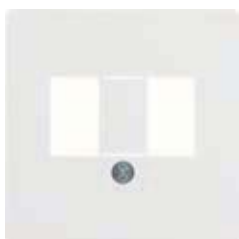
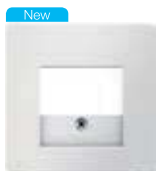
1038 20 89

10

black glossy

1038 20 45

10



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

1458 02

10

polar white glossy

1458 09

10

brown glossy

1458 01

10



Loudspeaker socket outlet High End

i 467

Clamp transition resistance	< 0.1 mΩ
Connect transition resistance	< 0.15 mΩ
Conductor cross-section	max. 10 mm ²
Insertion depth	31 mm

- with 2 metal cable lugs, gold-plated design
- banana sockets also suitable for screw connection
- with 2 metal banana sockets, gold-plated design
- with 2 metal banana plugs, gold-plated design

Recommendation: use deep box for larger cross-sections.

Suitable for	Order no.	Page
Centre plate for loudspeaker socket outlet	1196 60 82 ..	123

Jack and plug with red or black identification ring, as well as a plug connection are suitable for protection low voltage.



Design	Order no.	PU
Loudspeaker socket outlet High End	4505 02	10



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	# 4505	10



Centre plate for loudspeaker socket outlet

- 1 knock out opening

Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	1196 89 82	10
polar white glossy	1196 89 89	10
polar white matt	1196 19 09	10
anthracite matt	1196 16 06	10
aluminium matt, lacquered	1196 14 04	10
Berker Q.1/Q.3		
white velvety	* 1196 60 82	10
polar white velvety	1196 60 89	10
anthracite velvety, lacquered	1196 60 86	10

Berker K.1/K.5

polar white glossy	1184 70 09	10
anthracite matt, lacquered	1184 70 06	10
Aluminium, aluminium anodised	1184 70 03	10
Stainless steel, metal matt finish	1184 70 04	10

Berker Arsys

light bronze matt, aluminium lacquered	# 1184 00 01	10
Stainless steel, metal matt finish	# 1184 00 04	10
gold matt, aluminium anodised	# 1184 00 02	10

Berker R.1/R.3

polar white glossy	1196 20 89	10
black glossy	1196 20 45	10





Centre plate for loudspeaker socket outlet

- labelling field

- 1 knock out opening



Labelling field height arranged for P-touch strips 6 mm.

Design

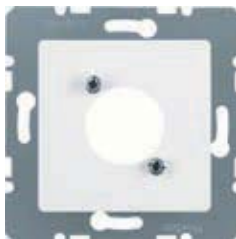
Order no.

PU

Berker Arsys

white glossy	# 1185 00 02	10
polar white glossy	# 1185 00 69	10
brown glossy	# 1185 00 01	10

Covers of external audio sockets



Central plate for XLR D-series connector

Cut-out Ø	23.6 mm
Screw spacing (horizontal/vertical)	19/24 mm

- with supporting plate
- speakon and jack connector
- Labelling field latchable 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.

Suitable for
Intermediate rings

Order no.

Page
page 118

Manufacturer product line Circular plug-in connector

Art. No.

Cannon
Deltron
Farnell
Hirose
Monacor
Neutrik
RS Components

Design

Order no.

PU

white glossy	1412 02	10
polar white glossy	1412 09	10
polar white matt/velvety	1412 19 09	10
anthracite matt	1412 16 06	10

Video socket outlets



VGA socket outlet

i 461

Frequency range video	max. 160 MHz
Resolution	max. 1280 x 1024 px

- S-VGA compatible
- with 15pole D-subminiature double jack
- without spreader claws

For connecting PCs, notebooks, etc. to display devices such as monitors (including LCD monitors) and projectors.

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

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

white glossy	33 1540 89 82	10
polar white glossy	33 1540 89 89	10
polar white matt	33 1540 19 09	10
anthracite matt	33 1540 16 06	10
aluminium matt, lacquered	33 1540 14 04	10

Berker Q.1/Q.3

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
Berker K.1/K.5		
polar white glossy	33 1540 70 09	10
anthracite matt, lacquered	33 1540 70 06	10
aluminium matt, lacquered	33 1540 70 03	10
stainless steel matt, lacquered	33 1540 70 04	10
Berker Arsys		
white glossy	# 33 1540 00 02	10
polar white glossy	# 33 1540 00 69	10
light bronze matt, lacquered	# 33 1540 90 11	10
stainless steel matt, lacquered	# 33 1540 90 04	10
Berker R.1/R.3		
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 mm²

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.

- S-VGA compatible
- with 15pole D-subminiature jack (front)
- without spreader claws
- with screw-in lift terminals for connection to 15-core VGA cable

i 461

Communication/
Multimedia
technology



Design	Order no.	PU
Berker S.1/B.3/B.7		
white glossy	33 1541 89 82	10
polar white glossy	33 1541 89 89	10
polar white matt	33 1541 19 09	10
anthracite matt	33 1541 16 06	10
aluminium matt, lacquered	33 1541 14 04	10
Berker Q.1/Q.3		
white velvety	* 33 1541 60 82	10
polar white velvety	33 1541 60 89	10
anthracite velvety, lacquered	33 1541 60 86	10
Berker K.1/K.5		
polar white glossy	33 1541 70 09	10
anthracite matt, lacquered	33 1541 70 06	10
aluminium matt, lacquered	33 1541 70 03	10
stainless steel matt, lacquered	33 1541 70 04	10
Berker Arsys		
white glossy	# 33 1541 00 02	10
polar white glossy	# 33 1541 00 69	10
light bronze matt, lacquered	# 33 1541 90 11	10
stainless steel matt, lacquered	# 33 1541 90 04	10



Design	Order no.	PU
Berker R.1/R.3		
polar white glossy	33 1541 20 89	10
black glossy	33 1541 20 45	10

Multimedia sockets



High definition socket outlet

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
Berker S.1/B.3/B.7		
white glossy	33 1542 89 82	1
polar white glossy	33 1542 89 89	1
polar white matt	33 1542 19 09	10
anthracite matt	33 1542 16 06	10
aluminium matt, lacquered	33 1542 14 04	10
Berker Q.1/Q.3		
white velvety	★ 33 1542 60 82	10
polar white velvety	33 1542 60 89	10
anthracite velvety, lacquered	33 1542 60 86	1

HDMI



Berker K.1/K.5

polar white glossy	33 1542 70 09	1
anthracite matt, lacquered	33 1542 70 06	1
aluminium matt, lacquered	33 1542 70 03	10
stainless steel matt, lacquered	33 1542 70 04	1

Berker Arsys

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

Berker R.1/R.3

polar white glossy	33 1542 20 89	10
black glossy	33 1542 20 45	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
Berker S.1/B.3/B.7		
white glossy	33 1543 89 82	10
polar white glossy	33 1543 89 89	10
polar white matt	33 1543 19 09	10
anthracite matt	33 1543 16 06	10
aluminium matt, lacquered	33 1543 14 04	10
Berker Q.1/Q.3		
white velvety	* 33 1543 60 82	10
polar white velvety	33 1543 60 89	10
anthracite velvety, lacquered	33 1543 60 86	10
Berker K.1/K.5		
polar white glossy	33 1543 70 09	10
anthracite matt, lacquered	33 1543 70 06	10
aluminium matt, lacquered	33 1543 70 03	10
stainless steel matt, lacquered	33 1543 70 04	10
Berker Arsys		
white glossy	# 33 1543 00 02	10
polar white glossy	# 33 1543 00 69	10
light bronze matt, lacquered	# 33 1543 90 11	10
stainless steel matt, lacquered	# 33 1543 90 04	10
Berker R.1/R.3		
polar white glossy	33 1543 20 89	10
black glossy	33 1543 20 45	10



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

S-Video
CINCH



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

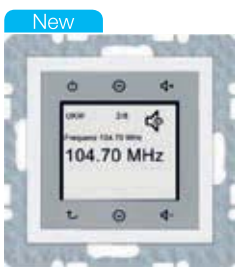
white glossy	# 33 1539 00 02	10
polar white glossy	# 33 1539 00 69	10
light bronze matt, lacquered	# 33 1539 90 11	10
stainless steel matt, lacquered	# 33 1539 90 04	10

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

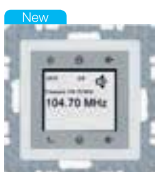
Operating voltage	230 V~	- stereo FM radio with RDS display
Frequency	50/60 Hz	- illuminated touch graphics display
Frequency range (radio reception)	87.5 ... 108 MHz	- time and date display
For loudspeakers	per channel 4 ... 8 Ω	- operation via sensor areas of the touch display
Conductor cross-section	max. 2.5 mm²	- 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
At least one loudspeaker must be connected for operation.		- 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

Suitable for	Order no.	Page
Loudspeakers		page 130
Ceiling loudspeaker Ø 140 mm	WUZ6 71	130
Ceiling loudspeaker Ø 80 mm	WUZ6 72	131
Order no.		PU

Design

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

Berker Arsys

polar white glossy

2884 00 69

1

stainless steel matt, lacquered

2884 00 04

1

Loudspeakers

New



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 mm²

Suitable for
Radios

Order no.

Page
page 129

Pre-assembled cable

≈ 25 cm

Insertion depth

35 mm

Design

Order no.

PU

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

polar white glossy

2882 89 89

1

polar white matt

2882 99 09

1

anthracite matt

★ 2882 16 06

1

aluminium matt, lacquered

★ 2882 14 04

1

stainless steel matt, lacquered

2882 89 16

1

Berker Q.1/Q.3

white velvety

★ 2882 60 82

1

polar white velvety

2882 60 89

1

anthracite velvety, lacquered

2882 60 86

1

Berker K.1/K.5

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

Berker Arsys

polar white glossy

2882 00 69

1

stainless steel matt, lacquered

2882 00 04

1



New



New



New



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

Suitable for
Radios

Order no.

Page
page 129

Conductor cross-section (flexible)

max. 2.5 mm²

Insertion depth

62 mm

Installation opening Ø

116 mm

Installation wall thickness

max. 30 mm

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	Suitable for Radios
Sound pressure level at rated power	87 dB	
Conductor cross-section (flexible)	max. 1.5 mm²	
Insertion depth	35 mm	
Installation opening Ø	68 mm	
Installation wall thickness	max. 15 mm	
Recommended installation height	≈ 2.4 ... 4 m	

Housing screws made of stainless steel.

Design	Order no.	PU
white	★ WUZ6 72	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

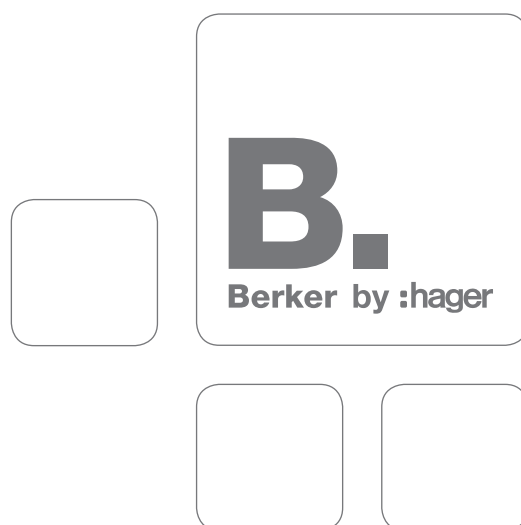
Plastic, matt
polar white
anthracite
aluminium, lacquered
red
green
orange
yellow

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

Schuko socket outlets	134
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Berker.Net - Conventional electronics platform	152
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Motion detectors 1.1 m	155
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Supplementary products	166
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Accessible construction	168
Hospital installation	170



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
Rated current

250 V~
16 A

- with plug-in terminals

i 474

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

- enhanced contact protection

- with plug-in terminals

i 474



Rated voltage
Rated current

250 V~
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

- screw-in lift terminals

- with screw-in lift terminals

i 474



Rated voltage
Rated current

250 V~
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

- 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
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	4750 89 82	10
polar white glossy	4750 89 89	10
polar white matt	4750 19 09	10
anthracite matt	4750 16 06	10
aluminium matt, lacquered	4750 14 04	10



SCHUKO socket outlet

- 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	4749 89 82	10
polar white glossy	4749 89 89	10
polar white matt	4749 19 09	10
anthracite matt	4749 16 06	10
aluminium matt, lacquered	4749 14 04	10



SCHUKO socket outlet

- 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	4149 89 82	10
polar white glossy	4149 89 89	10
polar white matt	4149 19 09	10
anthracite matt	4149 16 06	10
aluminium matt, lacquered	4149 14 04	10



SCHUKO socket outlet 45°

Rated voltage 250 V~
Rated current 16 A

- for diagonal installation
- 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	4727 89 82	10
polar white glossy	4727 89 89	10
polar white matt	4727 19 09	10
anthracite matt	4727 16 06	10
aluminium matt, lacquered	4727 14 04	10





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 ²

- 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	4109 89 82	10
polar white glossy	4109 89 89	10
polar white matt	4109 19 09	10
anthracite matt, lacquered	4109 16 06	10
aluminium matt, lacquered	4109 14 04	10



SCHUKO socket outlet with control LED

i 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 89 82	10
polar white glossy	4110 89 89	10
polar white matt	4110 19 09	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
Berker S.1		
white glossy	4742 89 82	10
polar white glossy	4742 89 89	10
polar white matt	4742 99 09	10
anthracite matt	4742 99 49	10
aluminium matt, lacquered	4742 99 39	10





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

Berker S.1

white glossy

4722 89 82

10

polar white glossy

4722 89 89

10

polar white matt

4722 99 09

10

anthracite matt

4722 99 49

10

aluminium matt, lacquered

4722 99 39

10



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 S.1

white glossy

4754 89 82

10

polar white glossy

4754 89 89

10

polar white matt

4754 99 09

10

anthracite matt

4754 99 49

10

aluminium matt, lacquered

4754 99 39

10



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 S.1

white glossy

4729 89 82

10

polar white glossy

4729 89 89

10

polar white matt

4729 99 09

10

anthracite matt

4729 99 49

10

aluminium matt, lacquered

4729 99 39

10





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
Berker S.1		
white glossy	4720 89 82	5
polar white glossy	4720 89 89	5
polar white matt	4720 99 09	5
anthracite matt	4720 99 49	5
aluminium matt, lacquered	4720 99 39	5



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 mm²	- 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
Berker S.1		
polar white matt	4766 19 09	5
anthracite matt	4766 19 49	5
aluminium matt, lacquered	4766 19 39	5



SCHUKO socket outlets with hinged cover



SCHUKO socket outlet with hinged cover

i 474

Rated voltage	250 V~	- with imprint
Rated current	16 A	- with plug-in terminals

Design	Order no.	PU
white glossy	4751 89 82	10
polar white glossy	4751 89 89	10
polar white matt	4751 19 09	10



SCHUKO socket outlet with hinged cover

i 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	4744 89 82	10
polar white glossy	4744 89 89	10
polar white matt	4744 19 09	10
anthracite matt	4744 16 06	10
aluminium matt, lacquered	4744 14 04	10





SCHUKO socket outlet with hinged cover

i 474

- labelling field
- enhanced contact protection
- installation position variable in 45° steps



Rated voltage

250 V~

Rated current

16 A

- when opening hinged cover, it can be arrested in end position
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

Specially suited to combinations of several socket outlets if right angle plugs are used.

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

Design	Order no.	PU
white glossy	4746 89 82	10
polar white glossy	4746 89 89	10
polar white matt	4746 19 09	10
anthracite matt	4746 16 06	10
aluminium matt, lacquered	4746 14 04	10



SCHUKO socket outlets for special applications



SCHUKO socket outlet

i 474

Rated voltage

250 V~

Rated current

16 A

- with plug-in terminals

Insert colour-coded.

Design	Order no.	PU
red glossy	4743 89 12	10
green glossy	4743 89 13	10
orange glossy	4743 89 14	10
red matt	4743 19 12	10
green matt	4743 19 13	10
orange matt	4743 19 14	10



SCHUKO socket outlet

i 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	4723 89 14	10
orange matt	4723 19 14	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	4143 89 12	10
green glossy	4143 89 13	10
orange glossy	4143 89 14	10
red matt	4143 19 12	10
green matt	4143 19 13	10
orange matt	4143 19 14	10





SCHUKO socket outlet with imprint

i 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"	4743 89 22	10
green glossy, imprint "SV"	4743 89 03	10
orange glossy, imprint "ZSV"	4743 89 07	10
red matt, imprint "EDV"	4743 19 22	10
green matt, imprint "SV"	4743 19 03	10
orange matt, imprint "ZSV"	4743 19 07	10



SCHUKO socket outlet

i 474

- labelling field

- with plug-in terminals



Rated voltage

250 V~

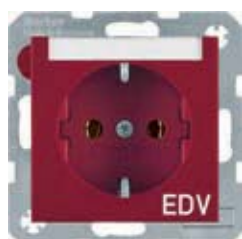
Rated current

16 A

Insert colour-coded.

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

Design	Order no.	PU
red glossy	4750 89 02	10
green glossy	4750 89 03	10
orange glossy	4750 89 07	10
red matt	4750 19 02	10
green matt	4750 19 03	10
orange matt	4750 19 07	10



SCHUKO socket outlet with imprint

i 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"	4750 89 15	10
green glossy, imprint "SV"	4750 89 13	10
orange glossy, imprint "ZSV"	4750 89 14	10
red matt, imprint "EDV"	4750 19 15	10
green matt, imprint "SV"	4750 19 13	10
orange matt, imprint "ZSV"	4750 19 14	10





SCHUKO socket outlet with control LED and imprint

i 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"	4110 89 15	10
green glossy, imprint "SV"	4110 89 13	10
orange glossy, imprint "ZSV"	4110 89 14	10
red matt, imprint "EDV"	4110 19 15	10
green matt, imprint "SV"	4110 19 13	10
orange matt, imprint "ZSV"	4110 19 14	10



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	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



S.1/B.3/B.7
Built-in elements



**SCHUKO socket outlet
with residual current circuit-breaker**

- 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 glossy	4708 89 82	1
polar white glossy	4708 89 89	1
polar white matt	4708 19 09	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		page 162
Residual current circuit-breaker	2844	437

Design	Order no.	PU
white glossy	1493 02	1
polar white glossy	1493 09	1
polar white matt/velvety	1493 19 09	1
anthracite matt	1493 16 06	1
aluminium matt, lacquered	1493 14 04	1

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

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	61 6703 89 82	10
polar white glossy	61 6703 89 89	10
polar white matt	61 6703 19 09	10





Socket outlet without earthing contact

i 474

- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A
Mirror depth 8 mm

- without spreader claws
- 2pole
- with plug-in terminals

Design	Order no.	PU
polar white matt	61 6733 19 09	10
anthracite matt	61 6733 16 06	10
aluminium matt, lacquered	61 6733 14 04	10



Socket outlets with earthing pin



Socket outlet with earthing pin

i 474

- enhanced contact protection



Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm

- 2pole + earth
- with plug-in terminals

Design	Order no.	PU
white glossy	67 6876 89 82	10
polar white glossy	67 6876 89 89	10
polar white matt	67 6876 19 09	10
anthracite matt	67 6876 16 06	10
aluminium matt, lacquered	67 6876 14 04	10



Socket outlet with earthing pin

i 474

- enhanced contact protection
- screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm

- 2pole + earth
- with screw-in lift terminals

Design	Order no.	PU
white glossy	67 6576 89 82	10
polar white glossy	67 6576 89 89	10
polar white matt	67 6576 19 09	10
anthracite matt	67 6576 16 06	10
aluminium matt, lacquered	67 6576 14 04	10





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 mm²

- 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	67 6510 89 82	10
polar white glossy	67 6510 89 89	10
polar white matt	67 6510 19 09	10
anthracite matt	67 6510 16 06	10
aluminium matt	67 6510 14 04	10



Socket outlet with earth contact pin and monitoring LED

i 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 89 82	10
polar white glossy	67 6509 89 89	10
polar white matt	67 6509 19 09	10



Socket outlets with earthing pin for special applications



Socket outlet with earthing pin

i 474

- enhanced contact protection



- 2pole + earth
- with plug-in terminals

Rated voltage	250 V~
Rated current	16 A
Mirror depth	14.5 mm

Insert colour-coded.

Design	Order no.	PU
red glossy	67 6876 89 62	10
green glossy	67 6876 89 63	10
red matt	67 6876 00 62	10
green matt	67 6876 00 63	10





Socket outlet with earthing pin

- enhanced contact protection
- screw-in lift terminals



Rated voltage

250 V~

Rated current

16 A

Mirror depth

14.5 mm

Insert colour-coded.

i 474

Design	Order no.	PU
red glossy	67 6576 89 62	10
green glossy	67 6576 89 63	10
red matt	67 6576 00 62	10
green matt	67 6576 00 63	10



Socket outlet with earth contact pin and monitoring LED

- enhanced contact protection
- screw-in lift terminals



Rated voltage

250 V~

Rated current

16 A

Insert colour-coded.

i 474

Design	Order no.	PU
red glossy	67 6509 89 15	10
green glossy	67 6509 89 13	10
orange glossy	67 6509 89 14	10
red matt	67 6509 19 15	10
green matt	67 6509 19 13	10
orange matt	67 6509 19 14	10



BRITISH STANDARD socket outlets



Socket outlet insert with earthing contact BRITISH STANDARD, can be switched off

- enhanced contact protection
- screw terminals



Rated voltage

250 V~

Rated current

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 145

i 474

Design	Order no.	PU
white glossy	5342 02 12	10
polar white glossy	5342 02 19	10
anthracite matt	5342 02 16	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	33 1307 89 82	10
polar white glossy	33 1307 89 89	10
polar white matt	33 1307 99 09	10
anthracite matt	33 1307 16 06	10
aluminium matt, lacquered	33 1307 14 04	10

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 mm²
Insertion depth 19 mm

Not UL-certified.
Standard NEMA 5-15 R

Design	Order no.	PU
white glossy	4166 89 82	10
polar white glossy	4166 89 89	10
polar white matt	4166 19 09	10



**Socket outlet with earthing contact USA/CANADA
NEMA 5-20 R**

i 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 mm²
Insertion depth 19 mm

Not UL-certified.
Standard NEMA 5-20 R

Design	Order no.	PU
white glossy	4168 89 82	10
polar white glossy	4168 89 89	10
polar white matt, lacquered	4168 19 09	10



Socket 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 mm²

Only for Asia.

Design	Order no.	PU
polar white matt	33 4214 29 09	10
anthracite matt	33 4214 26 06	10
aluminium matt, lacquered	33 4214 24 04	10





Socket outlet with earthing contact CHINA 10 A

- enhanced contact protection
- screw terminals



- centre plate for plug-in fixing
- without spreader claws
- 2pole + earth
- with screw terminals

Rated voltage 250 V~
Rated current 10 A
Conductor cross-section (rigid) max. 4 mm²

Only for Asia.

Design	Order no.	PU
polar white matt	33 4213 29 09	10
anthracite matt	33 4213 26 06	10
aluminium matt, lacquered	33 4213 24 04	10



Socket outlets with earthing contact INDIA



Socket outlet with earthing contact INDIAN STANDARD 10 A

- enhanced contact protection
- screw-in lift terminals



- centre plate for plug-in fixing
- without spreader claws
- 2pole + earth
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 10 A
Conductor cross-section (rigid) max. 2.5 mm²

Design	Order no.	PU
polar white matt	34 6001 19 09	10
anthracite matt	34 6001 16 06	10
aluminium matt	34 6001 14 04	10



Socket outlet with earthing contact INDIAN STANDARD 13 A

- enhanced contact protection
- screw-in lift terminals



- centre plate for plug-in fixing
- without spreader claws
- 2pole + earth
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 13 A
Conductor cross-section (rigid) max. 2.5 mm²

Design	Order no.	PU
polar white matt	34 6003 19 09	10
anthracite matt	34 6003 16 06	10
aluminium matt	34 6003 14 04	10



Socket outlet with earthing contact INDIAN STANDARD 16 A

- enhanced contact protection
- screw-in lift terminals



- centre plate for plug-in fixing
- without spreader claws
- 2pole + earth
- with screw-in lift terminals

Rated voltage 250 V~
Rated current 16 A
Conductor cross-section (rigid) max. 2.5 mm²

Design	Order no.	PU
polar white matt	34 6002 19 09	10
anthracite matt	34 6002 16 06	10
aluminium matt	34 6002 14 04	10



Push-buttons



Push-button complete for stairway light

- screw terminals



Rated voltage

250 V~

Momentary-contact current

2 A

- without neon lamp
- NO contact
- with screw terminals
- with insert, frame, centre plate and red button

Suitable for
Neon lamp E10

Order no.
1601

Page
53

Design

Order no.

PU

Berker S.1

white glossy

5101 89 82

10

polar white glossy

5101 89 89

10

polar white matt

5101 99 09

10



Covers for switches/push-buttons

Rockers



Rocker

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

Suitable for
Rocker switches
Rocker push-buttons

Order no.

Page
page 20
page 20

Design

Order no.

PU

white glossy

1620 89 82

10

polar white glossy

1620 89 89

10

polar white matt

1620 19 09

10

anthracite matt

1620 16 06

10

aluminium matt, lacquered

1620 14 04

10



Rocker screw-on

- with cover plug for screw fitting

Suitable for
Rocker switches
Rocker push-buttons

Order no.

Page
page 20
page 20

Design

Order no.

PU

polar white matt

1570 19 09

10

anthracite matt

1570 16 06

10

aluminium matt, lacquered

1570 14 04

10



Rocker

- labelling field



For labelling with names, notes etc.

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

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

Suitable for
Rocker switches
Rocker push-buttons

Order no.

Page
page 20
page 20

Design

Order no.

PU

white glossy

1626 89 82

10

polar white glossy

1626 89 89

10

polar white matt

1626 19 09

10

anthracite matt

1626 16 06

10

aluminium matt, lacquered

1626 14 04

10



Rocker

- lens



Lenses 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	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
white glossy	1621 89 82	10
polar white glossy	1621 89 89	10
polar white matt	1621 19 09	10
anthracite matt	1621 16 06	10
aluminium matt, lacquered	1621 14 04	10



Rocker screw-on

- lens

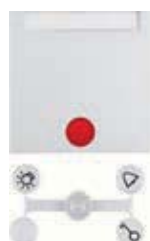


Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed.

- for illumination and monitoring circuit
- with cover plug for screw fitting

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Design	Order no.	PU
polar white matt	1572 19 09	10
anthracite matt	1572 16 06	10
aluminium matt, lacquered	1572 14 04	10



Rocker

- labelling field
- lens



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	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

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

Design	Order no.	PU
white glossy	1628 89 82	10
polar white glossy	1628 89 89	10
polar white matt	1628 19 09	10
anthracite matt	1628 16 06	10
aluminium matt, lacquered	1628 14 04	10



Rocker

- large labelling field
- lens



Labelling field (W x H) ≈ 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	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20

Labelling field height designed for two 12 mm P-touch strips.

Design	Order no.	PU
white glossy	1696 89 82	10
polar white glossy	1696 89 89	10
polar white matt	1696 19 09	10
anthracite matt	1696 16 06	10
aluminium matt, lacquered	1696 14 04	10

Rockers for multi-pole rocker switches



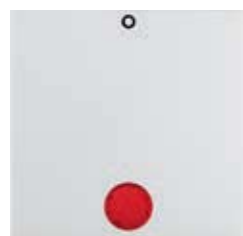
Rocker with imprint "0"

	Suitable for Multi-pole rocker switches	Order no.	Page page 25
Design	Order no.		PU
white glossy	1622 89 82		10
polar white glossy	1622 89 89		10
polar white matt	1622 19 09		10
anthracite matt	1622 16 06		10
aluminium matt, lacquered	1622 14 04		10



Rocker with imprint "0", screw-on

	- with cover plug for screw fitting		
	Suitable for Multi-pole rocker switches	Order no.	Page page 25
Design	Order no.		PU
polar white matt	1573 19 09		10
anthracite matt	1573 16 06		10
aluminium matt, lacquered	1573 14 04		10



Rocker with imprint "0"

- red lens



	- for illumination and monitoring circuit		
	- also for KNX applications: group push-button, 1gang		
	Suitable for Multi-pole rocker switches	Order no.	Page page 25
Design	Order no.		PU
white glossy	1624 89 82		10
polar white glossy	1624 89 89		10
polar white matt	1624 19 09		10
anthracite matt	1624 16 06		10
aluminium matt, lacquered	1624 14 04		10



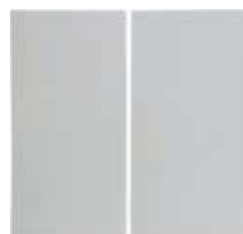
Rocker with imprint "0", screw-on

- red lens



	- for illumination and monitoring circuit		
	- with cover plug for screw fitting		
	Suitable for Multi-pole rocker switches	Order no.	Page page 25
Design	Order no.		PU
polar white matt	1577 19 09		10
anthracite matt	1577 16 06		10
aluminium matt, lacquered	1577 14 04		10

Multiple Rockers



Rocker 2gang

	- also for KNX applications: push-button, 2gang, and group push-button, 2gang		
	Suitable for Rocker switches, 2gang Series push-buttons	Order no.	Page page 28 page 28
Design	Order no.		PU
white glossy	1623 89 82		10
polar white glossy	1623 89 89		10
polar white matt	1623 19 09		10
anthracite matt	1623 16 06		10
aluminium matt, lacquered	1623 14 04		10



Rocker 2gang

- with cover plug for screw fitting

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



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

Design

white glossy
polar white glossy
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

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

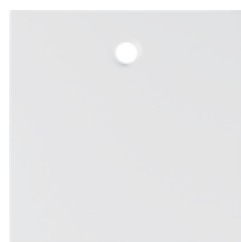
1665 16 06

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

1818 ..

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

Operating voltage

via insert

- with 2-push-buttons operation concept
- low intrinsic energy requirement

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
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



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
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



Motion detector covers



IR Motion detector comfort

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

i 468

Suitable for	Order no.	Page
Inserts		page 68

Design	Order no.	PU
Nominal mounting height 1.1 m		
white glossy	8534 12 82	1
polar white glossy	8534 12 89	1
polar white matt	8534 12 88	1
anthracite matt	8534 12 85	1
aluminium, matt, lacquered	8534 12 83	1
Nominal mounting height 2.2 m		
white glossy	8534 22 82	1
polar white glossy	8534 22 89	1
polar white matt	8534 22 88	1
anthracite matt	8534 22 85	1
aluminium, matt, lacquered	8534 22 83	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

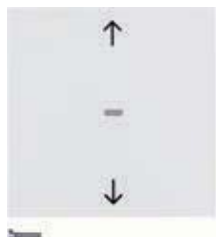
Nominal mounting height 1.1 m

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

Nominal mounting height 2.2 m

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

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 $< 0.6 \text{ s}$
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.
8522 11 00

Page
91

Design

Order no.

PU

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

Time switches for blinds



Blind time switch

- 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

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.

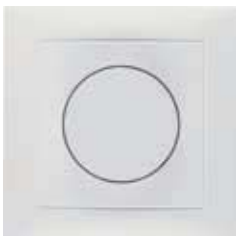
- with keylock
- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
- reset function (to factory setting)
- indication of the application module/insert compatibility in the display
- LC display illuminated during operation
- LC display contrast is adjustable
- 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

Suitable for	Order no.	Page
Blind insert comfort	8522 11 00	91
Design	Order no.	PU
white glossy	8574 11 82	1
polar white glossy	8574 11 89	1
aluminium, matt, lacquered	8574 11 83	1
anthracite matt	8574 11 85	1
polar white matt	8574 11 88	1



Dimmers and covers

Rotary dimmer with cover plate



Rotary dimmer with cover plate

- 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



ε



Design	Order no.	PU
Berker S.1		
white glossy	2819 89 82	1
polar white glossy	2819 89 89	1
polar white matt	2819 99 09	1
anthracite matt	2819 99 49	1
aluminium matt, lacquered	2819 99 39	1

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
Berker S.1		
white glossy	1130 89 82	10
polar white glossy	1130 89 89	10
polar white matt	1130 99 09	10
anthracite matt	1130 99 49	10
aluminium matt, lacquered	1130 99 39	10



Centre plate for rotary dimmer

- setting knob



Axis dimension Ø

4 mm

Suitable for
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	1137 89 82	10
polar white glossy	1137 89 89	10
polar white matt	1137 19 09	10
anthracite matt	1137 16 06	10
aluminium matt, lacquered	1137 14 04	10

Push-buttons



Button for universal series touch dimmer

i **456**

Suitable for
Universal series touch dimmer (R, L, C)

Order no.
2901

Page
42

Design	Order no.	PU
white glossy	# 1765 89 82	1
polar white glossy	# 1765 89 89	1
polar white matt	# 1765 19 09	1
anthracite matt	# 1765 16 06	1
aluminium matt, lacquered	# 1765 14 04	1

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

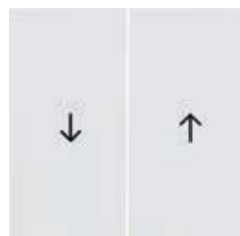
Order no.
2995
2996

Page
73
74

Design	Order no.	PU
white glossy	* 1190 89 82	10
polar white glossy	* 1190 89 89	10
polar white matt	* 1190 19 09	10
anthracite matt	* 1190 16 06	10
aluminium matt, lacquered	* 1190 14 04	10

Covers for blind switches/push-buttons

Rockers with imprint



Rocker 2gang with imprinted arrow symbol

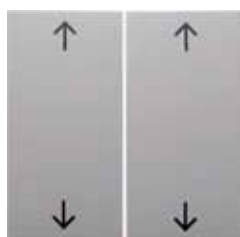
- also for KNX applications: push-button, 2gang

Suitable for
Switches/ push-buttons for blinds

Order no.

Page
page 84

Design	Order no.	PU
white glossy	1625 89 82	10
polar white glossy	1625 89 89	10
polar white matt	1625 19 09	10
anthracite matt	1625 16 06	10
aluminium matt, lacquered	1625 14 04	10



Rocker 2gang with imprinted arrows symbol

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

Design

white glossy

polar white glossy

polar white matt

anthracite matt

aluminium matt, lacquered

Suitable for

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

Order no.

5034 04

Page

29

Order no.

PU

1644 89 82

10

1644 89 89

10

1644 19 09

10

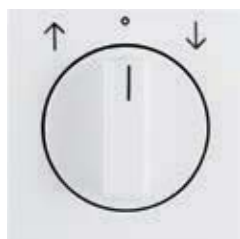
1644 16 06

10

1644 14 04

10

Centre plates for rotary switches for blinds



Centre plate with rotary knob for rotary switch for blinds

– with imprint

Design

white glossy

polar white glossy

polar white matt

anthracite matt

aluminium matt, lacquered

Suitable for

Rotary switches for blinds

Interlock disk for rotary switch for blinds

Order no.

1861

Page

page 86

87

Order no.

PU

1080 89 82

1

1080 89 89

1

1080 19 09

1

1080 16 06

1

1080 14 04

1

Centre plates for key switches/key push-buttons for blinds



Centre plate with lock and push lock function for switch for blinds

– key can be removed in 0 position



– with imprint

– with 2 keys

Suitable for

Switch for blinds 1pole for centre plate with lock

Switch for blinds 2pole for centre plate with lock

Order no.

3851

3852

Page

87

87

Design

white glossy

polar white glossy

polar white matt

anthracite matt

aluminium matt, lacquered

Order no.

PU

1081 89 82

1

1081 89 89

1

1081 19 09

1

1081 16 06

1

1081 14 04

1



Centre plate with lock and push lock function for switch for blinds

– Key can be removed in 3 positions



– with imprint

– with 2 keys

Suitable for

Switch for blinds 1pole for centre plate with lock

Switch for blinds 2pole for centre plate with lock

Order no.

3851

3852

Page

87

87

Design

white glossy

polar white glossy

polar white matt

Order no.

PU

1082 89 82

1

1082 89 89

1

1082 19 09

1



Centre plate with lock and touch function for switch for blinds

- key can be removed in 0 position



- with imprint
- with 2 keys

Suitable for	Order no.	Page
Switch for blinds 1pole for centre plate with lock	3851	87
Switch for blinds 2pole for centre plate with lock	3852	87

Design	Order no.	PU
white glossy	1083 89 82	1
polar white glossy	1083 89 89	1
polar white matt	1083 19 09	1



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

- with imprint
- for 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	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

Communication/multimedia technology

- For information on suitable third-party manufacturer articles, see the chapter "Communication/multimedia technology"

Covers data communications / telecommunications

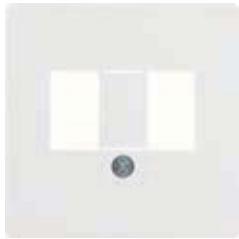


Centre plate with TAE cut-out

- 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	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



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	1458 02	10
polar white glossy	1458 09	10



Centre plate for FCC socket outlet

- for 1gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A 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	1407 89 82	10
polar white glossy	1407 89 89	10
polar white matt	1407 19 09	10
anthracite matt	1407 16 06	10
aluminium matt, lacquered	1407 14 04	10



Centre plate for FCC socket outlet 2gang

- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A 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	1409 89 82	10
polar white glossy	1409 89 89	10
polar white matt	1409 19 09	10
anthracite matt	1409 16 06	10
aluminium matt, lacquered	1409 14 04	10



Centre plate with dust protection slider

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting device, 1gang, order no. 4540 .. and 454201, see *Communication/Multimedia technology*

Design	Order no.	PU
polar white matt	1170 19 09	10
anthracite matt	1170 16 06	10
aluminium matt, lacquered	1170 14 04	10



Centre plate with 2 dust protection sliders

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

- for supporting plates with coloured mounting devices, 2gang, order no. 4541 ..and 454202 see *Communication/Multimedia technology*

Design	Order no.	PU
white glossy	1181 89 82	10
polar white glossy	1181 89 89	10
polar white matt	1181 19 09	10
anthracite matt	1181 16 06	10
aluminium matt, lacquered	1181 14 04	10



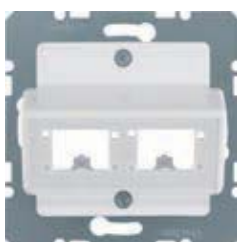
Central plate for 3 MINI-COM modules

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

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com 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

Design	Order no.	PU
white glossy	1427 02	10
polar white glossy	1427 09	10
polar white matt/velvety	1427 19 09	10
anthracite matt	1427 16 06	10
aluminium matt, lacquered	1427 14 04	10

Suitable for	Order no.	Page
Multimedia modules		page 402
Intermediate rings		page 162



Central plate for Reichle&De-Massari single modules

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

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6

Design	Order no.	PU
white glossy	1472 02	10
polar white glossy	1472 09	10
polar white matt/velvety	1472 19 09	10
anthracite matt	1472 16 06	10
aluminium matt, lacquered	1472 14 04	10

Suitable for	Order no.	Page
Intermediate rings		page 162



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.

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

Suitable for Intermediate rings **Order no.** **Page** page 162

Design	Order no.	PU
white glossy	1461 02	10
polar white glossy	1461 09	10
polar white matt/velvety	1461 19 09	10



Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

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

- with 30° oblique outlet
- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6

Suitable for Intermediate rings **Order no.** **Page** page 162

Design	Order no.	PU
white glossy	1463 02	10
polar white glossy	1463 09	10
polar white matt/velvety	1463 19 09	10
anthracite matt	1463 16 06	10
aluminium matt, lacquered	1463 14 04	10



Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

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

- with 30° oblique outlet
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks cat.5, cat.5e and cat.6

Suitable for Intermediate rings **Order no.** **Page** page 162

Design	Order no.	PU
white glossy	1464 02	10
polar white glossy	1464 09	10
polar white matt/velvety	1464 19 09	10
anthracite matt	1464 16 06	10
aluminium matt, lacquered	1464 14 04	10



Central plate for fibre-optic couplings Simplex ST

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

- with 30° oblique outlet
- for 2 fibre-optic couplings

Suitable for Intermediate rings **Order no.** **Page** page 162

Design	Order no.	PU
white glossy, 2gang	1492 02	10
polar white glossy, 2gang	1492 09	10
polar white matt/velvety, 2gang	1492 19 09	10



Central plate for fibre-optic couplings Duplex SC

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

- with 30° oblique outlet
- for 1 or 2 fibre-optic couplings
- 1 knock out opening

Suitable for Intermediate rings **Order no.** **Page** page 162

Design	Order no.	PU
white glossy	1480 02	10
polar white glossy	1480 09	10
polar white matt/velvety	1480 19 09	10

Covers for aerial sockets



Centre plate for aerial socket 2-/3hole

- with knock out SAT input

Design	Order no.	PU
white glossy	1203 89 82	10
polar white glossy	1203 89 89	10
polar white matt	1203 19 09	10
anthracite matt	1203 16 06	10
aluminium matt, lacquered	1203 14 04	10

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
polar white matt/velvety	1484 19 09	10
anthracite matt	1484 16 06	10
aluminium matt, lacquered	1484 14 04	10

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.

- with 2 additional SAT outputs (F-sockets)

Design	Order no.	PU
white glossy	1483 02	10
polar white glossy	1483 09	10
polar white matt/velvety	1483 19 09	10
anthracite matt	1483 16 06	10
aluminium matt, lacquered	1483 14 04	10

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.

- with additional multimedia output

Design	Order no.	PU
white glossy	# 1439 02	10
polar white matt/velvety	# 1439 19 09	10
anthracite matt	# 1439 16 06	10

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.

- with supporting plate
- without spreader claws
- with cut-out dia. 18.8 mm

Design	Order no.	PU
white glossy	1431 02	10
polar white glossy	1431 09	10
polar white, matt/velvety	1431 19 09	10
anthracite matt	1431 16 06	10
aluminium matt, lacquered	1431 14 04	10

Suitable for	Order no.	Page
Intermediate rings		page 162
optional		
Built-in socket for floating output	4604	65



Central plate with installation opening Ø 22.5 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.

Installation aperture according to IEC 60947-5-1

- with supporting plate
- without spreader claws
- with cut-out dia. 22.5 mm

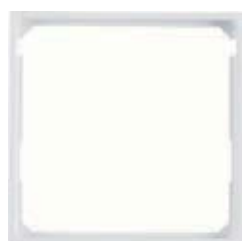
Suitable for
Intermediate rings

Order no.

Page
page 162

Design	Order no.	PU
white glossy	1432 02	10
polar white glossy	1432 09	10
yellow glossy	1432 07	10
polar white matt/velvety	1432 19 09	10
anthracite matt	1432 16 06	10
aluminium matt, lacquered	1432 14 04	10

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	1109 89 82	10
polar white glossy	1109 89 89	10
polar white matt	1109 19 09	10
anthracite matt	1109 16 06	10
aluminium matt, lacquered	1109 14 04	10



Labelling field for intermediate ring

Labelling field height arranged for P-touch strips 6 mm.

Suitable for
Intermediate ring for central plate

Order no.

Page
page 162

Design	Order no.	PU
white glossy	1905 00 02	10
polar white glossy	1905 00 69	10
aluminium matt, lacquered	1905 70 03	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	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

Covers Audio



Centre plate for loudspeaker socket outlet

- 1 knock out opening

Design	Order no.	PU
white glossy	1196 89 82	10
polar white glossy	1196 89 89	10
polar white matt	1196 19 09	10
anthracite matt	1196 16 06	10
aluminium matt, lacquered	1196 14 04	10

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

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.

- with supporting plate
- without spreader claws
- speakon and jack connector

Design	Order no.	PU
white glossy	1412 02	10
polar white glossy	1412 09	10
polar white matt/velvety	1412 19 09	10
anthracite matt	1412 16 06	10
aluminium matt, lacquered	1412 14 04	10

Suitable for	Order no.	Page
Intermediate rings		page 162

Video socket outlets



VGA socket outlet

Frequency range video
Resolution

max. 160 MHz
max. 1280 x 1024 px

- with 15pole D-subminiature double jack
- with 15pole D-subminiature jack (front)
- S-VGA compatible

Design	Order no.	PU
with double jack		
white glossy	33 1540 89 82	10
polar white glossy	33 1540 89 89	10
polar white matt	33 1540 19 09	10
anthracite matt	33 1540 16 06	10
aluminium matt, lacquered	33 1540 14 04	10
back side, with screw-in lift terminals		
polar white matt ¹⁾	33 1541 19 09	10
white glossy ¹⁾	33 1541 89 82	10
polar white glossy ¹⁾	33 1541 89 89	10
anthracite matt ¹⁾	33 1541 16 06	10
aluminium matt, lacquered ¹⁾	33 1541 14 04	10

¹⁾ for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²

Multimedia sockets



High definition socket outlet

Transmission rate
Resolution

max. 8.16 GBit/s
max. 1920 x 1080 px

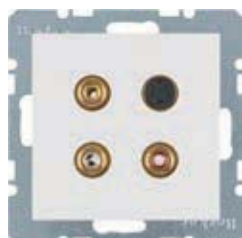
- 19pole
- gold-plated contacts

Design	Order no.	PU
back side, with straight socket		
white glossy	33 1542 89 82	1
polar white glossy	33 1542 89 89	1
polar white matt	33 1542 19 09	10
anthracite matt	33 1542 16 06	10
aluminium matt, lacquered	33 1542 14 04	10



back side, with 90° angle socket

white glossy	33 1543 89 82	10
polar white glossy	33 1543 89 89	10
polar white matt	33 1543 19 09	10
anthracite matt	33 1543 16 06	10
aluminium matt, lacquered	33 1543 14 04	10

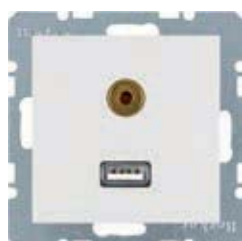


3 x Cinch/S-Video socket outlet

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	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



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 89 82	10
polar white glossy	33 1539 89 89	10
polar white matt	33 1539 19 09	10
anthracite matt	33 1539 16 06	10
aluminium matt, lacquered	33 1539 14 04	10



Consumer electronics



Berker Radio Touch

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 mm²	- 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
At least one loudspeaker must be connected for operation.		- stereo FM radio with RDS display

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	★ 2884 89 89	1
polar white matt	★ 2884 99 09	1
anthracite matt	★ 2884 16 06	1
aluminium matt, lacquered	★ 2884 14 04	1



Loudspeaker

Impedance	4 Ω	- confectioned, with 2-core, double-insulated, flexible cable
Conductor cross-section (flexible)	0.5 mm²	
Pre-assembled cable	≈ 25 cm	
Insertion depth	35 mm	

Suitable for	Order no.	Page
Berker Radio Touch		page 164

Design	Order no.	PU
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



Pilot lamps



Centre plate for push-button/pilot lamp E10

Cut-out Ø

27.2 mm

– centre plate for plug-in fixing

Suitable for

Covers and push-buttons
LED lamp E10
Neon lamp E10
Push-button/pilot lamp E10, NO contact

Order no.

5101 ..

Page

page 53
page 53
page 53
51

Design

Order no.

PU

white glossy

1124 89 82

10

polar white glossy

1124 89 89

10

polar white matt

1124 19 09

10

anthracite matt

1124 16 06

10

aluminium matt, lacquered

1124 14 04

10



Centre plate for pilot lamp E14

Suitable for

Covers and push-buttons
LED lamp E14
Incandescent lamp E14
Pilot lamp E14

Order no.

5131 02

Page

page 53
page 53
page 53
52

Design

Order no.

PU

white glossy

1198 89 82

10

polar white glossy

1198 89 89

10

polar white matt

1198 19 09

10

anthracite matt

1198 16 06

10

aluminium matt, lacquered

1198 14 04

10

LED signal lights

New



LED signal light, white lighting

i 451

Rated voltage

230 V~

Frequency

50/60 Hz

Power consumption

at 230 ~, 50 Hz - max. 1 W

Quantity LED lamps

4

Ambient temperature

-15 ... +40 °C

Conductor cross-section

2.5 mm²

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

– Brightness modifiable via potentiometer

– Light colour cold white

– switchable via separate switch

– for signalling notices, information or warnings

– Foils with imprint of symbols insertable

Suitable for optional

Foil for LED signal light

Order no.

Page

page 49

Design

Order no.

PU

white glossy

*** 2953 89 82**

1

polar white glossy

*** 2953 89 89**

1

polar white matt

*** 2953 19 09**

1

anthracite matt

*** 2953 16 06**

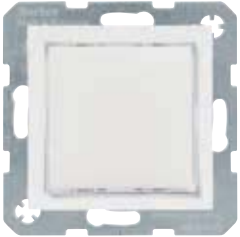
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aluminium matt, lacquered

*** 2953 14 04**

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	- colour is switchable via an external switch	
	Ambient temperature	-15 ... +40 °C	- for signalling notices, information or warnings	
	Conductor cross-section	2.5 mm ²	- Foils with imprint of symbols insertable	
	For installation in standard wall boxes according to DIN 49073-1		Suitable for optional	Order no.
			Foil for LED signal light	Page
	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



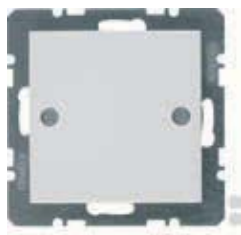
	LED signal light, red/green lighting		i	451
	Rated voltage	230 V~	- switchable between red and green via separate switches	
	Frequency	50/60 Hz	- for signalling of e.g. access control	
	Power consumption	at 230 ~, 50 Hz - per colour max. 0.5 W	- Two coloured foils with imprinted symbols for Do not disturb/ Clean room and Please enter/ Please wait are supplied	
	Quantity LED lamps	4		
	Ambient temperature	-15 ... +40 °C		
	Conductor cross-section	2.5 mm ²		
	For installation in standard wall boxes according to DIN 49073-1		Suitable for optional	Order no.
			Foil bi-colour for LED signal light	Page
	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



Supplementary products

	Blind plug with centre plate		- on supporting plate without cut-out - centre plate for plug-in fixing	
	Design	Order no.		PU
	without spreader claws			
	white glossy	1009 89 82		20
	polar white glossy	1009 89 89		20
	polar white matt	1009 19 09		20
	anthracite matt	1009 16 06		20
	aluminium matt, lacquered	1009 14 04		20
	with base and spreader claws			
	white glossy	67 1009 89 82		10
	polar white glossy	67 1009 89 89		10
	polar white matt	67 1009 19 09		10
	anthracite matt	67 1009 16 06		10
	aluminium matt, lacquered	67 1009 14 04		10





Blind plug with centre plate, screw-on

- on supporting plate with large cut-out
- with cover plug for screw fitting
- without spreader claws
- space-saving for relays, etc.
- for customised cut-outs or holes when installing special solutions

Design	Order no.	PU
white glossy	1009 89 12	20
polar white glossy	1009 89 19	20
polar white matt	1009 19 19	20
anthracite matt	1009 16 16	20
aluminium matt, lacquered	1009 14 14	20



Centre plate for cable outlet

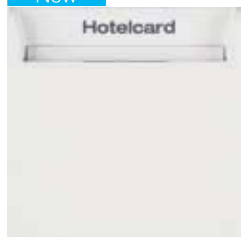
- with an outlet below

Design	Order no.	PU
white glossy	1019 89 82	10
polar white glossy	1019 89 89	10
polar white matt	1019 19 09	10
anthracite matt	1019 16 06	10
aluminium matt, lacquered	1019 14 04	10

Suitable for	Order no.	Page
Cable outlet	4470	116
Cable outlet with low installation depth	4468	116

Hotel applications

New



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 mm²	
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	* 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

Centre plates for hotel card switches



Centre plate with imprint for push-button for hotel card

- red lens



- for push-button for hotel card

Suitable for
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	1640 89 82	10
polar white glossy	1640 89 89	10
polar white matt	1640 19 09	10
anthracite matt	1640 16 06	10
aluminium matt, lacquered	1640 14 04	10

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



- with hinged cover that falls back
- with plug-in terminals

Rated voltage 250 V~

Rated current 16 A

Conductor cross-section 1 mm² ... 2.5 mm²

Connection terminals according to IEC 60884-1



Design	Order no.	PU
polar white matt	4786 19 49	10



SCHUKO socket outlet with hinged cover for barrier-free construction

i 474

- tactile symbol
- enhanced contact protection
- installation position variable in 45° steps



- when opening hinged cover, it can be arrested in end position
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

Rated voltage 250 V~

Rated current 16 A

Specially suited to combinations of several socket outlets if right angle plugs are used.

Connection terminals according to IEC 60884-1



Design	Order no.	PU
polar white matt	4744 19 49	10

Rockers

	Rocker for barrier-free construction - guide for mouth rod - lens 	- 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
	Lenses in clear with symbol for light, bell, door opener and neutral in clear and red transparent enclosed. Design polar white matt	Order no. 1661 19 49	PU 10		
	Rocker for barrier-free construction - tactile light symbol - red lens 	- for illumination and monitoring circuit - also for KNX applications: push-button, 1gang, and group push-button, 1gang	Suitable for Rocker switches Rocker push-buttons	Order no.	Page page 20 page 20
	Design polar white matt	Order no. 1651 19 49	PU 10		
	Rocker for barrier-free construction - tactile bell symbol - red lens 	- also for KNX applications: push-button, 1gang	Suitable for Rocker push-buttons	Order no.	Page page 20
	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 matt	Order no. 1651 19 59	PU 10		
	Rocker for barrier-free construction - tactile symbol for door opener - red lens 	- also for KNX applications: push-button, 1gang	Suitable for Rocker push-buttons	Order no.	Page page 20
	Design polar white matt	Order no. 1651 19 69	PU 10		

S.1/B.3/B.7
Built-in elements

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	5200 89 82	1
polar white glossy	5200 89 89	1
polar white matt	5200 99 09	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	5206 89 82	1
polar white glossy	5206 89 89	1
polar white matt	5206 99 09	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	5205 89 82	1
polar white glossy	5205 89 89	1
polar white matt	5205 99 09	1



Pull button with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

To trigger an emergency call in emergency situations.

- with quiet lamp
- centre plate for plug-in fixing
- for wall and ceiling mounting
- with screw terminals
- with pullcord and knob

Suitable for Emergency call set with frame **Order no.** 5200 .. **Page** 170

Design	Order no.	PU
white glossy	5202 89 82	1
polar white glossy	5202 89 89	1
polar white matt	5202 99 09	1



Cancellation button with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

To switch off the alarm signal (pilot lamp) on arrival at the emergency location.

- with green shut-off button
- centre plate for plug-in fixing
- with screw terminals

Suitable for Emergency call set with frame **Order no.** 5200 .. **Page** 170

Design	Order no.	PU
white glossy	5201 89 82	1
polar white glossy	5201 89 89	1
polar white matt	5201 99 09	1



Light signal with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

For visual and acoustic alarms in emergency situations.
Caution:
Always install the device in a clearly visible location.
Recommendation: use deep box.

- centre plate for plug-in fixing
- call tone received on voltage failure and return forwarding, e.g. to telephone dialler
- with potential-free relay contact for call tone
- 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

Suitable for Emergency call set with frame **Order no.** 5200 .. **Page** 170

Design	Order no.	PU
white glossy	5203 89 82	1
polar white glossy	5203 89 89	1
polar white matt	5203 99 09	1



Mains adapter with frame

Operating voltage 24 V=
Frequency 50 ... 60 Hz
Input voltage 100 ... 240 V~
Input current max. 180 mA
Output voltage 24 V=
Output current max. 250 mA
Operating temperature -5 ... +40 °C

- centre plate for plug-in fixing
- with screw terminals

Suitable for Emergency call set with frame **Order no.** 5200 .. **Page** 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	5204 89 82	1
polar white matt	5204 99 09	1
polar white glossy	5204 89 89	1



Central plates for hospital installation



**Central plate for socket outlet
for 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

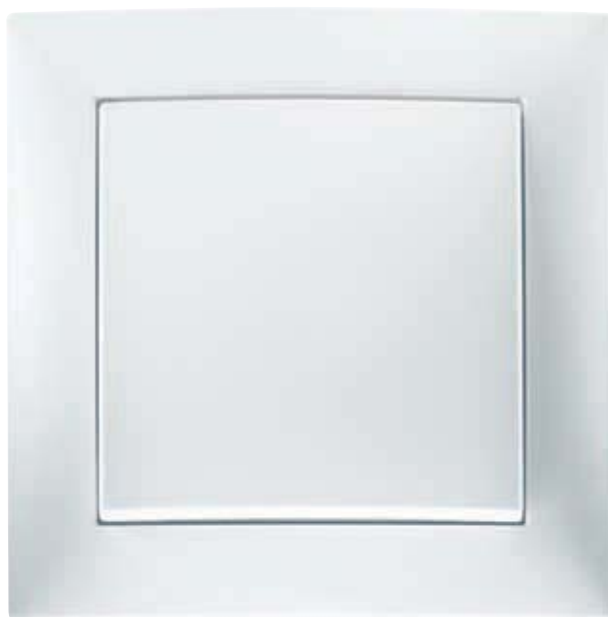
Suitable for	Order no.	Page
Intermediate rings		page 162
Socket outlet for floating output	1061	64

Design	Order no.	PU
white glossy	1403 02	10
polar white glossy	1403 09	10
polar white matt/velvety	1403 19 09	10
anthracite matt	1403 16 06	10
aluminium matt, lacquered	1403 14 04	10

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



Design
Award
Winner
2000



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

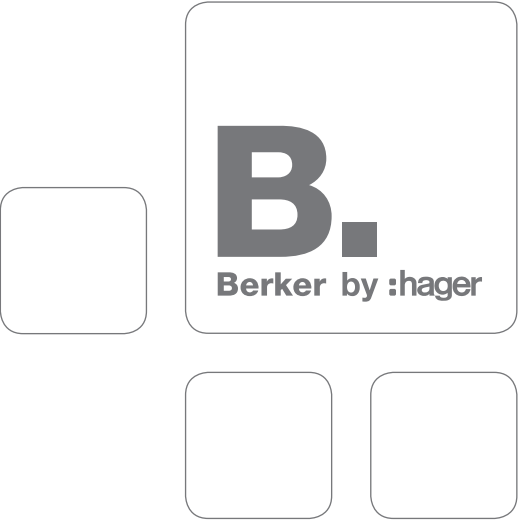
Central plates

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

Surface-mounted housings	179





Frame

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy, 1gang	1011 89 12	10
white glossy, 2gang vertical	1012 89 12	10
white glossy, 3gang vertical	1013 89 12	10
white glossy, 2gang horizontal	1022 89 12	10
white glossy, 3gang horizontal	1023 89 12	10



Frame

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white glossy, 1gang	1011 89 19	10
polar white glossy, 2gang vertical	1012 89 19	10
polar white glossy, 3gang vertical	1013 89 19	10
polar white glossy, 2gang horizontal	1022 89 19	10
polar white glossy, 3gang horizontal	1023 89 19	10
polar white matt, 1gang	1011 99 19	10
polar white matt, 2gang vertical	1012 99 19	10
polar white matt, 3gang vertical	1013 99 19	10
polar white matt, 2gang horizontal	1022 99 19	10
polar white matt, 3gang horizontal	1023 99 19	10



Frame

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
anthracite matt, 1gang	1011 99 69	10
anthracite matt, 2gang vertical	1012 99 69	10
anthracite matt, 3gang vertical	1013 99 69	10
anthracite matt, 2gang horizontal	1022 99 69	10
anthracite matt, 3gang horizontal	1023 99 69	10



Frame

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
aluminium matt, 1gang	1011 99 59	10
aluminium matt, 2gang vertical	1012 99 59	10
aluminium matt, 3gang vertical	1013 99 59	10
aluminium matt, 2gang horizontal	1022 99 59	10
aluminium matt, 3gang horizontal	1023 99 59	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	1309 89 82	10



Frame with large cut-out

i 478

Design	Order no.	PU
polar white glossy	1309 89 89	10
polar white matt	1309 99 09	10



Frame with large cut-out

i 478

Design	Order no.	PU
anthracite matt	1309 99 49	10



Frame with large cut-out

i 478

Design	Order no.	PU
aluminium matt	1309 99 39	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

page 410

Design

Order no.

PU

white glossy, 1gang	1041 89 82	10
white glossy, 2gang	1042 89 82	5
white glossy, 3gang	1043 89 82	5
polar white glossy, 1gang	1041 89 89	10
polar white glossy, 2gang	1042 89 89	5
polar white glossy, 3gang	1043 89 89	5
polar white matt, 1gang	1041 99 09	10
polar white matt, 2gang	1042 99 09	5
polar white matt, 3gang	1043 99 09	5
anthracite matt, 1gang	1041 99 49	10
anthracite matt, 2gang	1042 99 49	5
anthracite matt, 3gang	1043 99 49	5
aluminium matt, 1gang	1041 99 39	10
aluminium matt, 2gang	1042 99 39	5
aluminium matt, 3gang	1043 99 39	5

Berker B.3

Contrasts enrich life, and, with B.3, contrasts are essentially built in. Highly-individual combinations can be created from a wide range of frame variants with polar white and anthracite rockers and central inserts. An absolute innovation are the B.3 frames, made of black, brown, gold or red anodised aluminium.

- Incisive design with high-quality aluminium frame
- Integrates perfectly into any modern interior design style – whether in the home or office
- Combination frames allow you to combine up to 5 devices vertically or horizontally.



Surfaces Frames

Aluminium
black
brown
red
gold

Covers / Central inserts

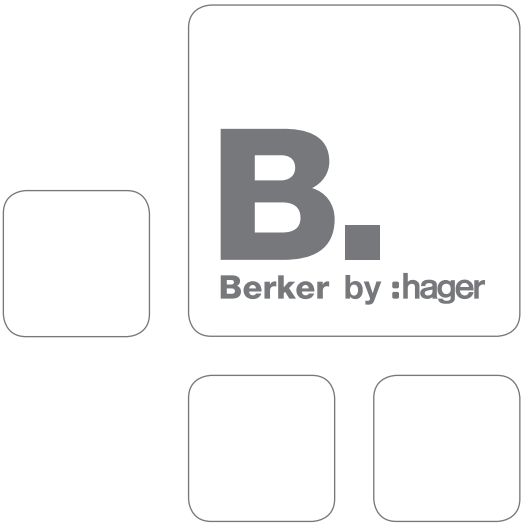
Plastic, matt	
anthracite	similar to RAL 7021
polar white	similar to RAL 9010
Plastic, glossy	
polar white	similar to RAL 9010

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

Surface-mounted housings 185

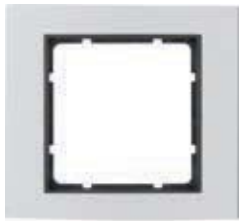


Frames

- For vertical and horizontal mounting
- Metal, aluminum profile



Frame		i	478
Design	Order no.	PU	
Aluminium/polar white matt, aluminium anodised, 1gang	1011 39 04	10	
Aluminium/polar white matt, aluminium anodised, 2gang	1012 39 04	10	
Aluminium/polar white matt, aluminium anodised, 3gang	1013 39 04	10	
Aluminium/polar white matt, aluminium anodised, 4gang	1014 39 04	2	
Aluminium/polar white matt, aluminium anodised, 5gang	1015 39 04	2	



Frame		i	478
Design	Order no.	PU	
aluminium/anthracite matt, aluminium anodised, 1gang	1011 30 04	10	
aluminium/anthracite matt, aluminium anodised, 2gang	1012 30 04	10	
aluminium/anthracite matt, aluminium anodised, 3gang	1013 30 04	10	
aluminium/anthracite matt, aluminium anodised, 4gang	1014 30 04	2	
aluminium/anthracite matt, aluminium anodised, 5gang	1015 30 04	2	



Frame		i	478
Design	Order no.	PU	
Aluminium black/polar white matt, aluminium anodised, 1gang	1011 30 25	10	
Aluminium black/polar white matt, aluminium anodised, 2gang	1012 30 25	10	
Aluminium black/polar white matt, aluminium anodised, 3gang	1013 30 25	10	
Aluminium black/polar white matt, aluminium anodised, 4gang	1014 30 25	2	
Aluminium black/polar white matt, aluminium anodised, 5gang	1015 30 25	2	



Frame		i	478
Design	Order no.	PU	
Aluminium black/anthracite matt, aluminium anodised, 1gang	1011 30 05	10	
Aluminium black/anthracite matt, aluminium anodised, 2gang	1012 30 05	10	
Aluminium black/anthracite matt, aluminium anodised, 3gang	1013 30 05	10	
Aluminium black/anthracite matt, aluminium anodised, 4gang	1014 30 05	2	
Aluminium black/anthracite matt, aluminium anodised, 5gang	1015 30 05	2	



Frame		i	478
Design	Order no.	PU	
Aluminium brown/polar white matt, aluminium anodised, 1gang	1011 30 21	10	
Aluminium brown/polar white matt, aluminium anodised, 2gang	1012 30 21	10	
Aluminium brown/polar white matt, aluminium anodised, 3gang	1013 30 21	10	
Aluminium brown/polar white matt, aluminium anodised, 4gang	1014 30 21	2	
Aluminium brown/polar white matt, aluminium anodised, 5gang	1015 30 21	2	

**Frame****i 478**

Design	Order no.	PU
Aluminium brown/anthracite matt, aluminium anodised, 1gang	1011 30 01	10
Aluminium brown/anthracite matt, aluminium anodised, 2gang	1012 30 01	10
Aluminium brown/anthracite matt, aluminium anodised, 3gang	1013 30 01	10
Aluminium brown/anthracite matt, aluminium anodised, 4gang	1014 30 01	2
Aluminium brown/anthracite matt, aluminium anodised, 5gang	1015 30 01	2

**Frame****i 478**

Design	Order no.	PU
Aluminium red/polar white matt, aluminium anodised, 1gang	1011 30 22	10
Aluminium red/polar white matt, aluminium anodised, 2gang	1012 30 22	10
Aluminium red/polar white matt, aluminium anodised, 3gang	1013 30 22	10
Aluminium red/polar white matt, aluminium anodised, 4gang	1014 30 22	2
Aluminium red/polar white matt, aluminium anodised, 5gang	1015 30 22	2

**Frame****i 478**

Design	Order no.	PU
Aluminium red/anthracite matt, aluminium anodised, 1gang	1011 30 12	10
Aluminium red/anthracite matt, aluminium anodised, 2gang	1012 30 12	10
Aluminium red/anthracite matt, aluminium anodised, 3gang	1013 30 12	10
Aluminium red/anthracite matt, aluminium anodised, 4gang	1014 30 12	2
Aluminium red/anthracite matt, aluminium anodised, 5gang	1015 30 12	2

**Frame****i 478**

Design	Order no.	PU
Aluminium gold/polar white matt, aluminium anodised, 1gang	1011 30 46	10
Aluminium gold/polar white matt, aluminium anodised, 2gang	1012 30 46	10
Aluminium gold/polar white matt, aluminium anodised, 3gang	1013 30 46	10
Aluminium gold/polar white matt, aluminium anodised, 4gang	1014 30 46	2
Aluminium gold/polar white matt, aluminium anodised, 5gang	1015 30 46	2

**Frame****i 478**

Design	Order no.	PU
Aluminium gold/anthracite matt, aluminium anodised, 1gang	1011 30 16	10
Aluminium gold/anthracite matt, aluminium anodised, 2gang	1012 30 16	10
Aluminium gold/anthracite matt, aluminium anodised, 3gang	1013 30 16	10
Aluminium gold/anthracite matt, aluminium anodised, 4gang	1014 30 16	2
Aluminium gold/anthracite matt, aluminium anodised, 5gang	1015 30 16	2

Frames with large cut-out

- For vertical mounting
- Metal, aluminum profile
- Not suitable for surface-mounted housing.



Frame with large cut-out

i 478

Design	Order no.	PU
Aluminium/polar white matt, aluminium anodised	1309 39 04	1



Frame with large cut-out

i 478

Design	Order no.	PU
aluminium/anthracite matt, aluminium anodised	1309 30 04	1



Frame with large cut-out

i 478

Design	Order no.	PU
Aluminium black/polar white matt, aluminium anodised	1309 30 25	1



Frame with large cut-out

i 478

Design	Order no.	PU
Aluminium black/anthracite matt, aluminium anodised	1309 30 05	1



Frame with large cut-out

i 478

Design	Order no.	PU
Aluminium brown/polar white matt, aluminium anodised	1309 30 21	1



Frame with large cut-out

i 478

Design	Order no.	PU
Aluminium brown/anthracite matt, aluminium anodised	1309 30 01	1



Frame with large cut-out

i 478

Design	Order no.	PU
Aluminium red/polar white matt, aluminium anodised	1309 30 22	1



Frame with large cut-out

i 478

Design	Order no.	PU
Aluminium red/anthracite matt, aluminium anodised	1309 30 12	1



Frame with large cut-out

i 478

Design	Order no.	PU
Aluminium gold/polar white matt, aluminium anodised	1309 30 46	1



Frame with large cut-out

i 478

Design	Order no.	PU
Aluminium gold/anthracite matt, aluminium anodised	1309 30 16	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	1041 19 09	10
polar white matt, 2gang vertical	1042 19 09	5
polar white matt, 3gang vertical	1043 19 09	5
anthracite matt, 1gang	1041 16 06	10
anthracite matt, 2gang vertical	1042 16 06	5
anthracite matt, 3gang vertical	1043 16 06	5

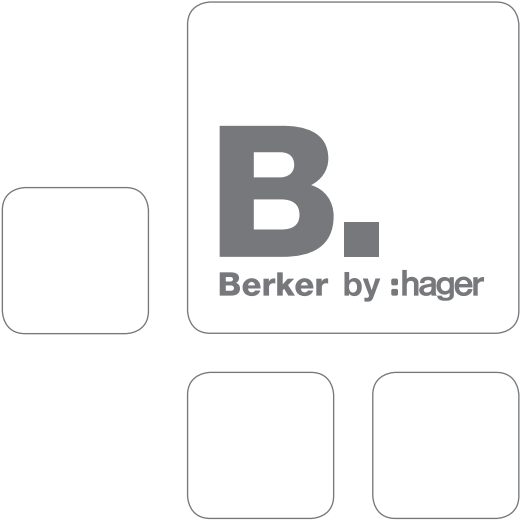
Berker B.7

Gives every switch the right frame: In addition to glass frame varieties, the Berker B.7 is now available with plastic, stainless steel and aluminium frames. This version is a harmonious addition to the switches of the Berker TS Sensor and Berker B.IQ ranges.

- High-quality designs in glass, stainless steel, aluminium and plastic
- Complements Berker TS Sensor and Berker B.IQ
- Multiple frames vertical or horizontal for up to five devices



Surfaces Frames	Covers / Central inserts		Central plates	
Glass, glossy, printed on the back			Plastic, matt lacquered	
polar white	similar to RAL 9010		anthracite	similar to RAL 7021
black	similar to RAL 9005		polar white	similar to RAL 9010
aluminium	similar to RAL 9006			
Plastic, matt			Plastic, glossy	
polar white	similar to RAL 9010		polar white	similar to RAL 9010
anthracite	similar to RAL 9005			
aluminium lacquered	similar to RAL 9006			
Metal				
aluminium				
stainless steel				



Frames

- Not suitable for surface-mounted housing
- For vertical and horizontal mounting



Frame		i	478
	- plastic		
Design	Order no.	PU	
polar white matt, 1gang	1011 69 19	10	
polar white matt, 2gang	1012 69 19	5	
polar white matt, 3gang	1013 69 19	5	
polar white matt, 4gang	1014 69 19	1	
polar white matt, 5gang	1015 69 19	1	



Frame		i	478
	- plastic		
Design	Order no.	PU	
anthracite matt, 1gang	1011 66 26	10	
anthracite matt, 2gang	1012 66 26	5	
anthracite matt, 3gang	1013 66 26	5	
anthracite matt, 4gang	1014 66 26	1	
anthracite matt, 5gang	1015 66 26	1	



Frame		i	478
	- plastic		
Design	Order no.	PU	
aluminium matt, lacquered, 1gang	1011 64 24	10	
aluminium matt, lacquered, 2gang	1012 64 24	5	
aluminium matt, lacquered, 3gang	1013 64 24	5	
aluminium matt, lacquered, 4gang	1014 64 24	1	
aluminium matt, lacquered, 5gang	1015 64 24	1	



Frame		i	478
	- metal, anodised aluminium		
Design	Order no.	PU	
Aluminium/polar white matt, aluminium anodised, 1gang	1011 69 14	10	
Aluminium/polar white matt, aluminium anodised, 2gang	1012 69 14	5	
Aluminium/polar white matt, aluminium anodised, 3gang	1013 69 14	5	
Aluminium/polar white matt, aluminium anodised, 4gang	1014 69 14	1	
Aluminium/polar white matt, aluminium anodised, 5gang	1015 69 14	1	



Frame		i	478
	- metal, anodised aluminium		
Design	Order no.	PU	
aluminium/anthracite matt, aluminium anodised, 1gang	1011 69 04	10	
aluminium/anthracite matt, aluminium anodised, 2gang	1012 69 04	5	
aluminium/anthracite matt, aluminium anodised, 3gang	1013 69 04	5	
aluminium/anthracite matt, aluminium anodised, 4gang	1014 69 04	1	
aluminium/anthracite matt, aluminium anodised, 5gang	1015 69 04	1	



Frame		i	478
		– metal, stainless steel, brushed	
Design	Order no.	PU	
Stainless steel/polar white matt, metal brushed, 1gang	1011 36 09	10	
Stainless steel/polar white matt, metal brushed, 2gang vertical	1012 36 09	5	
Stainless steel/polar white matt, metal brushed, 3gang vertical	1013 36 09	5	
Stainless steel/polar white matt, metal brushed, 4gang vertical	1014 36 09	1	
Stainless steel/polar white matt, metal brushed, 5gang vertical	1015 36 09	1	
Stainless steel/polar white matt, metal brushed, 2gang horizontal	1022 36 09	5	
Stainless steel/polar white matt, metal brushed, 3gang horizontal	1023 36 09	5	
Stainless steel/polar white matt, metal brushed, 4gang horizontal	1024 36 09	1	
Stainless steel/polar white matt, metal brushed, 5gang horizontal	1025 36 09	1	



Frame		i	478
		– metal, stainless steel, brushed	
Design	Order no.	PU	
Stainless steel/anthracite matt, metal brushed, 1gang	1011 36 06	10	
Stainless steel/anthracite matt, metal brushed, 2gang vertical	1012 36 06	5	
Stainless steel/anthracite matt, metal brushed, 3gang vertical	1013 36 06	5	
Stainless steel/anthracite matt, metal brushed, 4gang vertical	1014 36 06	1	
Stainless steel/anthracite matt, metal brushed, 5gang vertical	1015 36 06	1	
Stainless steel/anthracite matt, metal brushed, 2gang horizontal	1022 36 06	5	
Stainless steel/anthracite matt, metal brushed, 3gang horizontal	1023 36 06	5	
Stainless steel/anthracite matt, metal brushed, 4gang horizontal	1024 36 06	1	
Stainless steel/anthracite matt, metal brushed, 5gang horizontal	1025 36 06	1	



Frame		i	478
		– toughened glass	
Design	Order no.	PU	
glass polar white/polar white matt, 1gang	1011 69 09	10	
glass polar white/polar white matt, 2gang	1012 69 09	5	
glass polar white/polar white matt, 3gang	1013 69 09	5	
glass polar white/polar white matt, 4gang	1014 69 09	1	
glass polar white/polar white matt, 5gang	1015 69 09	1	



Frame		i	478
		– toughened glass	
Design	Order no.	PU	
glass black/anthracite matt, 1gang	1011 66 16	10	
glass black/anthracite matt, 2gang	1012 66 16	5	
glass black/anthracite matt, 3gang	1013 66 16	5	
glass black/anthracite matt, 4gang	1014 66 16	1	
glass black/anthracite matt, 5gang	1015 66 16	1	



Frame

i 478

– toughened glass

Design	Order no.	PU
glass aluminium/aluminium matt, lacquered, 1gang	1011 64 14	10
glass aluminium/aluminium matt, lacquered, 2gang	1012 64 14	5
glass aluminium/aluminium matt, lacquered, 3gang	1013 64 14	5
glass aluminium/aluminium matt, lacquered, 4gang	1014 64 14	1
glass aluminium/aluminium matt, lacquered, 5gang	1015 64 14	1

Frames with large cut-out

- For vertical mounting
- Not suitable for surface-mounted housing.



Frame with large cut-out

i 478

– plastic

Design	Order no.	PU
polar white matt, lacquered	1309 69 19	2



Frame with large cut-out

i 478

– plastic

Design	Order no.	PU
anthracite matt, lacquered	1309 66 26	2



Frame with large cut-out

i 478

– plastic

Design	Order no.	PU
aluminium matt, lacquered	1309 64 24	2



Frame with large cut-out

i 478

– metal, aluminum profile anodized

Design	Order no.	PU
Aluminium/polar white matt, aluminium anodised	1309 69 14	2



Frame with large cut-out

i 478

– metal, aluminum profile anodized

Design	Order no.	PU
aluminium/anthracite matt, aluminium anodised	1309 69 04	2



Frame with large cut-out

i 478
– stainless steel surface, brushed transversely

Design	Order no.	PU
Stainless steel/polar white matt, metal brushed	1309 36 09	2



Frame with large cut-out

i 478
– stainless steel surface, brushed transversely

Design	Order no.	PU
Stainless steel/anthracite matt, metal brushed	1309 36 06	2



Glass frame with large cut-out

i 478
– toughened glass

Design	Order no.	PU
glass polar white/polar white matt	1309 69 09	2



Glass frame with large cut-out

i 478
– toughened glass

Design	Order no.	PU
glass black/anthracite matt	1309 66 16	2



Glass frame with large cut-out

i 478
– toughened glass

Design	Order no.	PU
glass aluminium/aluminium matt, lacquered	1309 64 14	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

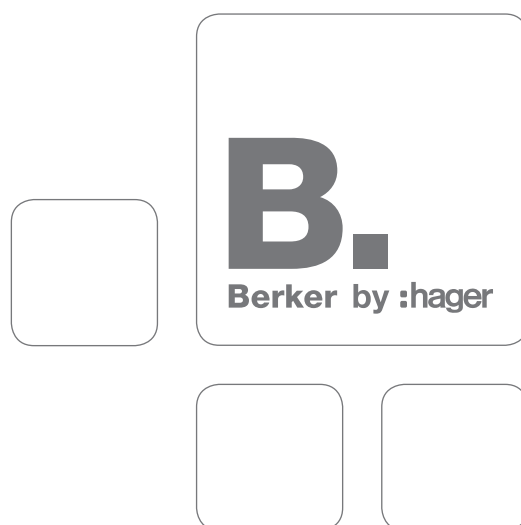
similar to RAL 7021

similar to RAL 3003

similar to RAL 6029

similar to RAL 2003

Schuko socket outlets	194
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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
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
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	
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 ²

- 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
Berker Q.1		
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	
	Suitable for optional	Order no.
	Sealing set for socket outlets/centre plates	1010 72 00
		Page
		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

	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 Rated current		250 V~ 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 Rated current		250 V~ 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	

	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 Rated current		250 V~ 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	

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
	Rated voltage Rated current		250 V~ 16 A	
	Insert colour-coded.		- with plug-in terminals	
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



Rated voltage 250 V~
Rated current 16 A
Insertion depth 32 mm

Insert colour-coded.

Design	Order no.	PU
red velvety	4143 60 12	10
green velvety	4143 60 13	10
orange velvety	4143 60 14	10



i 474

- with screw-in lift terminals



SCHUKO socket outlet with imprint

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
polar white velvety, imprint "EDV" in black	4743 60 09	10
polar white velvety, imprint "EDV" in red	4743 60 79	10
polar white velvety, imprint "SV" in green	4743 60 39	10
polar white velvety, imprint "ZSV" in orange	4743 60 49	10



i 474

- with plug-in terminals



SCHUKO socket outlet with imprint

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, imprint "EDV"	4743 60 22	10
green velvety, imprint "SV"	4743 60 03	10
orange velvety, imprint "ZSV"	4743 60 07	10



i 474

- with plug-in terminals



SCHUKO socket outlet

- labelling field



Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.

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

Design	Order no.	PU
red velvety	4750 60 02	10
green velvety	4750 60 03	10
orange velvety	4750 60 07	10



i 474

- with plug-in terminals



SCHUKO socket outlet with imprint

- labelling field

- with plug-in terminals

i 474



Rated voltage 250 V~
Rated current 16 A

Insert colour-coded.
Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
red velvety, imprint "EDV"	4750 60 15	10
green velvety, imprint "SV"	4750 60 13	10
orange velvety, imprint "ZSV"	4750 60 14	10



SCHUKO socket outlet with control LED and imprint

- 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 velvety, imprint "EDV"	4110 60 15	10
green velvety, imprint "SV"	4110 60 13	10
orange velvety, imprint "ZSV"	4110 60 14	10



SCHUKO socket outlet with hinged cover and imprint

Rated voltage 250 V~
Rated current 16 A

- with hinged cover that falls back
- with plug-in terminals

i 474

Design	Order no.	PU
polar white velvety, imprint "EDV" in red	4751 60 59	10
polar white velvety, imprint "SV" in green	4751 60 39	10
polar white velvety, imprint "ZSV" in orange	4751 60 49	10



SCHUKO socket outlet with hinged cover and imprint

- labelling field
- enhanced contact protection

- with self-closing hinged covers
- with plug-in terminals

i 474



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	4752 60 59	10
polar white velvety, imprint "SV" in green	4752 60 39	10
polar white velvety, imprint "ZSV" in orange	4752 60 49	10



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	4108 60 89	1
anthracite velvety, lacquered	4108 60 86	1
red velvety	4108 60 62	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	* 4708 60 82	1
polar white velvety	4708 60 89	1
anthracite velvety, lacquered	4708 60 86	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
Residual current circuit-breaker

Order no.
2844

Page
437

Design	Order no.	PU
white velvety	* 1493 19 02	1
polar white matt/velvety	1493 19 09	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

New  	Socket outlet without earthing contact			i	474
	Rated voltage	250 V~	- without spreader claws		
	Rated current	16 A	- 2pole		
			- with plug-in terminals		
	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

 	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				
Design	Order no.				PU
polar white velvety	61 6733 60 89				10
anthracite velvety, lacquered	61 6733 60 86				10

New  	Socket outlet without earthing contact			i	474
	- screw terminals		- 2pole		
			- with screw terminals		
	Rated voltage	250 V~			
	Rated current	16 A			

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

New  	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 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

- enhanced contact protection
- screw-in lift terminals



Rated voltage
Rated current

250 V~
16 A

- 2pole + earth
- with screw-in lift terminals

i 474

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

- enhanced contact protection
- screw-in lift terminals



Rated voltage
Frequency
Rated current

250 V~
50/60 Hz
16 A

Power consumption
Light intensity (white)
Switch-on brightness
Switch-off brightness
Conductor cross-section (rigid)

0.25 W/0.35 VA
0.2 cd
ca. 2 lx
ca. 4 lx
max. 2.5 mm²

- 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

i 474

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

- enhanced contact protection
- screw-in lift terminals



Rated voltage
Rated current

250 V~
16 A

- 2pole + earth
- with screw-in lift terminals

i 474

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

Q.1/Q.3
Built-in elements

New  	Socket outlet with earthing pin and hinged cover			i 474
	- enhanced contact protection - with hinged cover that falls back - with imprint - 2pole + earth - with plug-in terminals			
				
	Rated voltage 250 V~ Rated current 16 A			
	Design	Order no.	PU	
	white velvety	★ 67 6877 60 82	10	
	polar white velvety	67 6877 60 89	10	
	anthracite velvety, lacquered	67 6877 60 86	10	

New  	Socket outlet with earthing pin and hinged cover			i 474
	- enhanced contact protection - screw-in lift terminals - with hinged cover that falls back - with imprint - 2pole + earth - with screw-in lift terminals			
	 			
	Rated voltage 250 V~ Rated current 16 A			
	Design	Order no.	PU	
	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

 	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	
	red velvety	67 6876 60 12	10	
	green velvety	67 6876 60 13	10	
	orange velvety	67 6876 60 14	10	

 	Socket outlet with earthing pin			i 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	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

67 6509 60 15

10

green velvety

67 6509 60 13

10

orange velvety

67 6509 60 14

10



BRITISH STANDARD socket outlets



**Socket outlet insert with earthing contact
BRITISH STANDARD, can be switched off**

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

5342 02 12

10

polar white glossy

5342 02 19

10

anthracite matt

5342 02 16

10



New



**Centre plate for socket outlets,
British Standard, can be switched off**

Design

Order no.

PU

white velvety

*** 33 1307 60 82**

10

polar white velvety

33 1307 60 89

10

anthracite velvety

33 1307 60 86

10

NEMA-socket outlets

New



**Socket outlet with earthing contact USA/CANADA
NEMA 5-15 R**

i 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

*** 4166 60 82**

10

polar white velvety

4166 60 89

10

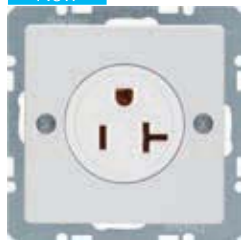
anthracite velvety, lacquered

4166 60 86

10



New



**Socket outlet with earthing contact USA/CANADA
NEMA 5-20 R**

- screw terminals



Rated voltage

125 V~

Rated current

20 A

Not UL-certified.

Standard NEMA 5-20 R

- without spreader claws
- 2pole + earth
- with screw terminals

i 474



Design	Order no.	PU
white velvety	★ 4168 60 82	10
polar white velvety	4168 60 89	10
anthracite velvety, lacquered	4168 60 86	10

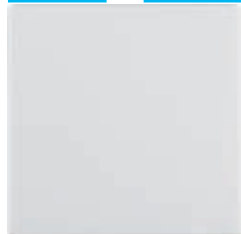
Covers for switches/push-buttons

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.

New



Rocker

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

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

New



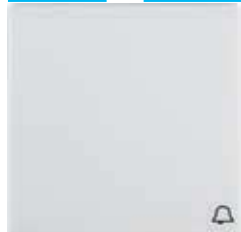
Rocker with imprinted symbol for light

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

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

New



Rocker with imprinted symbol for bell

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

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

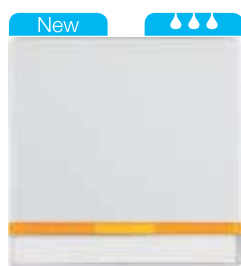
Design	Order no.	PU
white velvety	★ 1620 60 52	10
polar white velvety	1620 60 59	10
anthracite velvety, lacquered	1620 60 56	10

New		Rocker with imprinted symbol for door opener			
			– also for KNX applications: push-button, 1gang, and group push-button, 1gang		
			Suitable for Rocker push-buttons optional Sealing set for switches/push-buttons	Order no. 1010 71 00	Page page 20 223
		Design	Order no.		PU
		white velvety	* 1620 60 62		10
		polar white velvety	1620 60 69		10
		anthracite velvety, lacquered	1620 60 66		10

New		Rocker			
		– labelling field	– 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
		For labelling with names, notes etc.			
		Labelling field height designed for 6 mm P-touch strip.			
		Design	Order no.		PU
		white velvety	* 1626 60 82		10
		polar white velvety	1626 60 89		10
		anthracite velvety, lacquered	1626 60 86		10

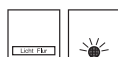
New		Rocker			
		– lens	– for illumination and monitoring circuit – also for KNX applications: push-button, 1gang, and group push-button, 1gang		
			Suitable for Rocker switches Rocker push-buttons optional Sealing set for switches/push-buttons	Order no. 1010 71 00	Page page 20 page 20 223
		Lenses available 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.			
		Design	Order no.		PU
		white velvety	* 1621 60 82		10
		polar white velvety	1621 60 89		10
		anthracite velvety, lacquered	1621 60 86		10

New		Rocker with imprinted symbol for light			
		– lens	– 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
		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.			
		Design	Order no.		PU
		white velvety	* 1621 60 72		10
		polar white velvety	1621 60 79		10
		anthracite velvety, lacquered	1621 60 76		10



Rocker

- labelling field
- lens



Lenses available in orange and clear.

For labelling with names, notes etc.

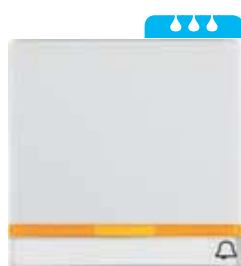
Labelling field height designed for 6 mm P-touch strip.

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
optional		
Sealing set for switches/push-buttons	1010 71 00	223

Design	Order no.	PU
white velvety	★ 1628 60 82	10
polar white velvety	1628 60 89	10
anthracite velvety, lacquered	1628 60 86	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.

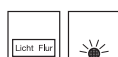
- for illumination and monitoring circuit
- also for KNX applications: push-button, 1gang, and group push-button, 1gang

Design	Order no.	PU
white velvety	★ 1628 60 72	10
polar white velvety	1628 60 79	10
anthracite velvety, lacquered	1628 60 76	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.

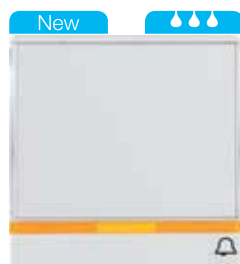
Labelling field height designed for two 18 mm P-touch strips.

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
optional		
Sealing set for switches/push-buttons	1010 71 00	223

Design	Order no.	PU
white velvety	★ 1696 60 82	10
polar white velvety	1696 60 89	10
anthracite velvety, lacquered	1696 60 86	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

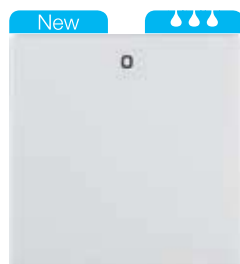
Suitable for	Order no.	Page
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 71 00	223

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



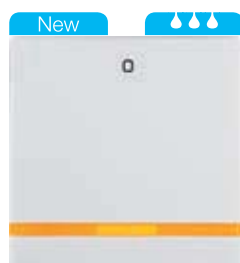
Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



Rocker with imprint "0"

Suitable for	Order no.	Page
Multi-pole rocker switches		page 25
optional		
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



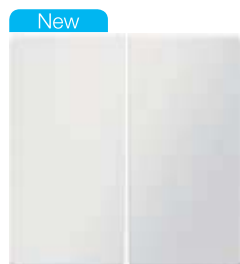
The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

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

Suitable for	Order no.	Page
Multi-pole rocker switches		page 25
optional		
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

New	Rocker 2gang		
	- lens		
	Illumination only possible by 1 neon lamp unit.		
	Lenses available in orange and clear.		
Suitable for			Order no.
Rocker switches, 2gang			
Series push-buttons			
Design			Order no.
white velvety			★ 1627 60 82
polar white velvety			1627 60 89
anthracite velvety, lacquered			1627 60 86
			PU

New	Rocker 3gang		
	Suitable for		
	On/off switch 3gang		
	Order no.		
	PU		
Design			Order no.
white velvety			★ 1665 60 82
polar white velvety			1665 60 89
anthracite velvety, lacquered			1665 60 86
			PU

Centre plates for pullcord switches/pullcord push-buttons

New	Centre plate for pullcord switch/pullcord push-button		
	Suitable for		
	Pullcord switches/pullcord push-buttons		
	Order no.		
	PU		
Design			Order no.
white velvety			★ 1146 60 82
polar white velvety			1146 60 89
anthracite velvety, lacquered			1146 60 86
			PU

Centre plates for key switches/key push-buttons

Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 70 00.

New	Centre plate for key switch/key push-button		
	- for master-key systems		
	Suitable for		
	Key switches/key push-buttons		
	Lock cylinder		
optional			
Sealing set for key switch/key push-button			1010 70 00
Design			Order no.
white velvety			★ 1507 60 82
polar white velvety			1507 60 89
anthracite velvety, lacquered			1507 60 86
			PU

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

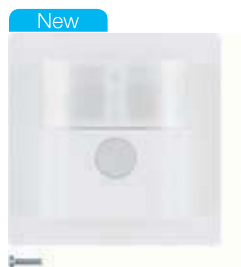
i 468

Delay time, adjustable $\approx 10 \text{ s} \dots 30 \text{ min}$
Response brightness, adjustable $\approx 5 \dots 1000 \text{ lx}, \infty \text{ lx (day)}$

- 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
Nominal mounting height 1.1 m		
white velvety	* 8534 12 22	1
polar white velvety	8534 12 29	1
anthracite velvety, lacquered	8534 12 26	1
Nominal mounting height 2.2 m		
white velvety	* 8534 22 22	1
polar white velvety	8534 22 29	1
anthracite velvety, lacquered	8534 22 26	1



Motion detector

i 468

Delay time ≈ 180 s
Response brightness, adjustable $\approx 5 \dots 1000$ lx, ∞ lx (day)

- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- with button for on/off/automatic
- low intrinsic energy requirement

Suitable for
Inserts

Order no.

Page
page 68

Design

Order no.

PU

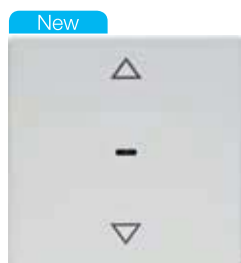
Nominal mounting height 1.1 m

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

Nominal mounting height 2.2 m

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

Blind buttons



Blind button

i 468

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

- 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.
8522 11 00

Page
91

Design

Order no.

PU

white velvety	★ 8524 11 22	1
polar white velvety	8524 11 29	1
anthracite velvety, lacquered	8524 11 26	1

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
Astronomic time shift ± 2 h
Power reserve ≈ 24 h
Random number generator ± 15 min
Change-over time for change of direction < 0.6 s

- 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
Blind insert comfort

Order no.
8522 11 00

Page
91

Design

Order no.

PU

white velvety	★ 8574 11 22	1
polar white velvety	8574 11 29	1
anthracite velvety, lacquered	8574 11 26	1

Covers for dimmers

Centre plates for rotary dimmers



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 72 00.

New



Centre plate for rotary dimmer

- setting knob



Axis dimension Ø

4 mm

Suitable for
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

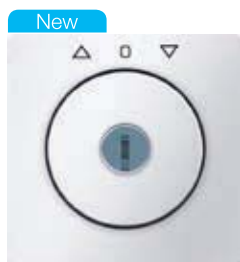
1080 60 86

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.



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
Switch for blinds 2pole
for centre plate with lock
Switch for blinds 1pole
for centre plate with lock

Order no.

Page

3852

87

3851

87

Design

Order no.

PU

white velvety

★ 1081 60 82

1

polar white velvety

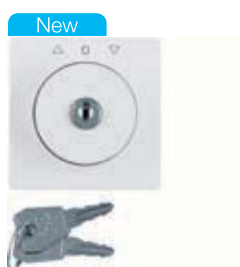
1081 60 89

1

anthracite velvety, lacquered

1081 60 86

1



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 2pole
for centre plate with lock
Switch for blinds 1pole
for centre plate with lock

Order no.

Page

3852

87

3851

87

Design

Order no.

PU

white velvety

★ 1082 60 82

1

polar white velvety

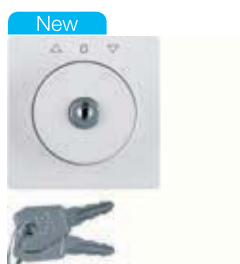
1082 60 89

1

anthracite velvety, lacquered

1082 60 86

1



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

white velvety

★ 1083 60 82

1

polar white velvety

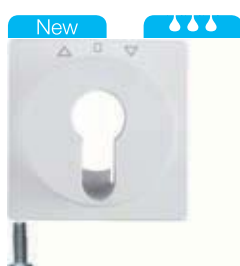
1083 60 89

1

anthracite velvety, lacquered

1083 60 86

1



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

- with imprint
- for master-key systems

Suitable for
Switch for blinds 1pole for lock cylinder
Switch for blinds 2pole for lock cylinder
Push-button for blinds 1pole for lock cylinder
Push-button for blinds 2pole for lock cylinder
Lock cylinder
optional
Sealing set for key switch/key push-button

Order no.

Page

3821 20

89

3822 10

89

3831 ..

89

3832 10

90

1818 ..

60

1010 70 00

223

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_A 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_A 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

 	Centre plate with 2 dust protection sliders		
	- labelling field 1000 PM Labelling field height arranged for P-touch strips 6 mm.		
	Design	Order no.	PU
	white velvety	★ 1181 60 82	10
	polar white velvety	1181 60 89	10
	anthracite velvety, lacquered	1181 60 86	10

	Central plate for 3 MINI-COM modules		
	Caution! Use only with intermediate ring for central plate from the 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		
	Suitable for	Order no.	Page
	Multimedia modules		page 402
	Intermediate rings		page 218
	Design	Order no.	PU
	polar white matt/velvety	1427 19 09	10

	Central plate for Reichle&De-Massari single modules		
	Caution! Use only with intermediate ring for central plate from the corresponding range. - with 30° oblique outlet - for fibre-optic modules - for connecting modules RJ45 cat.5e and cat.6 - labelling field latchable		
	Suitable for	Order no.	Page
	Intermediate rings		page 218
	Design	Order no.	PU
	polar white matt/velvety	1472 19 09	10

	Central plate for Reichle&De-Massari double module		
	Caution! Use only with intermediate ring for central plate from the corresponding range. - with 30° oblique outlet - for fibre-optic modules - for connecting modules RJ45 cat.5e and cat.6 - labelling field latchable		
	Suitable for	Order no.	Page
	Intermediate rings		page 218
	Design	Order no.	PU
	polar white matt/velvety	1461 19 09	10

	Central plate 2gang for AMP jacks		
	Indexing dimension (W x H) ≈ 14.7 x 20.7 mm Caution! Use only with intermediate ring for central plate from the corresponding range. - with 30° oblique outlet - for AMP fibre-optic couplings MT-RJ jacks - for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6 - labelling field latchable		
	Suitable for	Order no.	Page
	Intermediate rings		page 218
	Design	Order no.	PU
	polar white matt/velvety	1463 19 09	10



Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

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

- with 30° oblique outlet
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks cat.5, cat.5e and cat.6

Design	Order no.	Page
polar white matt/velvety	1464 19 09	10



Central plate for fibre-optic couplings Simplex ST

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

- with 30° oblique outlet
- for 2 fibre-optic couplings

Design	Order no.	Page
polar white matt/velvety, 2gang	1492 19 09	10



Central plate for fibre-optic couplings Duplex SC

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

- with 30° oblique outlet
- for 1 or 2 fibre-optic couplings
- 1 knock out opening

Design	Order no.	Page
polar white matt/velvety	1480 19 09	10

Covers for aerial sockets

New



Centre plate for aerial socket 2-/3hole

- with knock out SAT input

Design	Order no.	Page
white velvety	* 1203 60 82	10
polar white velvety	1203 60 89	10
anthracite velvety, lacquered	1203 60 86	10



Central plate for aerial socket 4hole (Ankaro)

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

- with 2 additional SAT outputs (F-sockets)

Design	Order no.	Page
polar white matt/velvety	1484 19 09	10



Central plate for aerial socket 4hole (Hirschmann)

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

- with 2 additional SAT outputs (F-sockets)

Design	Order no.	Page
polar white matt/velvety	1483 19 09	10



Central plate for broadband modem socket (Wisi)

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

– with additional multimedia output

Suitable for
Intermediate rings

Order no.

Page
page 218

Design

Order no.

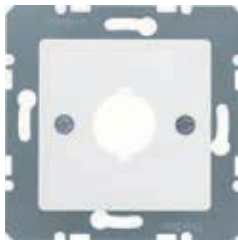
PU

polar white matt/velvety

1439 19 09

10

Central plates for signalling and command units



Central plate with installation opening Ø 18.8 mm

Screw spacing

36 mm

– 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
Intermediate rings

Order no.

Page
page 218

optional

Built-in socket for floating output

4604

65

Design

Order no.

PU

polar white, matt/velvety

1431 19 09

10



Central plate with installation opening Ø 22.5 mm

Screw spacing

36 mm

– 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
Intermediate rings

Order no.

Page
page 218

Design

Order no.

PU

polar white matt/velvety

1432 19 09

10

yellow glossy

1432 07

10

Intermediate rings

New



Intermediate ring for central plate

– labelling field latchable

Suitable for
optional

Labelling field for intermediate ring

Order no.

1905 00 ..

Page

119

Design

Order no.

PU

white velvety

★ 1109 60 82

10

polar white velvety

1109 60 89

10

anthracite velvety, lacquered

1109 60 86

10



Labelling field for intermediate ring

Labelling field height arranged for P-touch strips 6 mm.

Suitable for
Intermediate ring for central plate

Order no.

Page
page 218

Design

Order no.

PU

white glossy

1905 00 02

10

polar white glossy

1905 00 69

10

Adapter rings for centre plates 50 x 50 mm

New



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

white velvety

★ 1109 60 72

10

polar white velvety

1109 60 79

10

anthracite velvety, lacquered

1109 60 76

10

Covers Audio

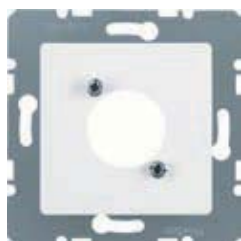
New

Centre plate for loudspeaker socket outlet

- 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 velvety	* 1196 60 82	10
polar white velvety	1196 60 89	10
anthracite velvety, lacquered	1196 60 86	10



Central plate for XLR D-series connector

Cut-out Ø	23.6 mm	– Labelling field latchable in matching intermediate ring
Screw spacing (horizontal/vertical)	19/24 mm	– speakon and jack connector

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

Suitable for	Order no.	Page
Intermediate rings		page 218

Design	Order no.	PU
polar white matt/velvety	1412 19 09	10

Video socket outlets

New

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



Design	Order no.	PU

with double jack

white velvety	* 33 1540 60 82	10
polar white velvety	33 1540 60 89	10
anthracite velvety, lacquered	33 1540 60 86	10

back side, with screw-in lift terminals

white velvety ¹⁾	* 33 1541 60 82	10
polar white velvety ¹⁾	33 1541 60 89	10
anthracite velvety, lacquered ¹⁾	33 1541 60 86	10

¹⁾ for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²

Multimedia sockets

New

High definition socket outlet

i 467

Transmission rate	max. 8.16 GBit/s	– 19pole
Resolution	max. 1920 x 1080 px	– with HDMI™ double jack type A, supports HDMI™ technology (V 1.3 with Deep Color)
		– gold-plated contacts



Design	Order no.	PU

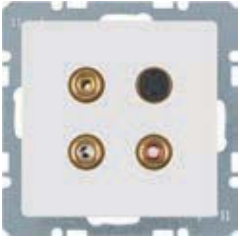
back side, with straight socket

white velvety	* 33 1542 60 82	10
polar white velvety	33 1542 60 89	10
anthracite velvety, lacquered	33 1542 60 86	1

back side, with 90° angle socket

white velvety	* 33 1543 60 82	10
polar white velvety	33 1543 60 89	10
anthracite velvety, lacquered	33 1543 60 86	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 velvety	★ 33 1532 60 82	10	
	polar white velvety	33 1532 60 89	10	
	anthracite velvety, lacquered	33 1532 60 86	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 velvety	★ 33 1539 60 82	10	
	polar white velvety	33 1539 60 89	10	
	anthracite velvety, lacquered	33 1539 60 86	10	

Consumer electronics

New



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 mm²	- 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
At least one loudspeaker must be connected for operation.		- stereo FM radio with RDS display

Suitable for	Order no.	Page
Loudspeaker		page 220
Ceiling loudspeaker Ø 140 mm	WUZ6 71	130
Ceiling loudspeaker Ø 80 mm	WUZ6 72	131

Design	Order no.	PU
white velvety	★ 2884 60 82	1
polar white velvety	★ 2884 60 89	1
anthracite velvety, lacquered	★ 2884 60 86	1



New 	Loudspeaker			
	Impedance	4 Ω	– confectioned, with 2-core, double-insulated, flexible cable	
	Conductor cross-section (flexible)	0.5 mm²		
	Pre-assembled cable	≈ 25 cm	Suitable for	Order no.
	Insertion depth	35 mm	Berker Radio Touch	Page page 220
	Design	Order no.	PU	
	white velvety	★ 2882 60 82	1	
	polar white velvety	2882 60 89	1	
	anthracite velvety, lacquered	2882 60 86	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.

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
		optional		
		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 V~, 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 ²	Suitable for	Order no.	Page
		optional		
		Foil for LED signal light		page 49
For installation in standard wall boxes according to DIN 49073-1				
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

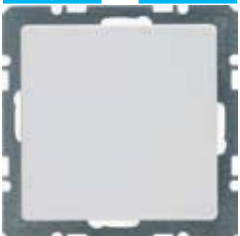
i 451

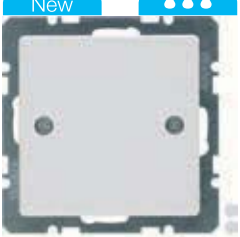
Rated voltage	230 V~	– Brightness modifiable via potentiometer		
Frequency	50/60 Hz	– Light colours cold white, warm white, blue, orange, red, green, purple (magenta) and colour sequence callable via push-button		
Power consumption	at 195 ... 265 V~, 50/60 Hz max. 2 W	– Colour sequence can be stopped 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 ²	– Foils with imprint of symbols insertable		
For installation in standard wall boxes according to DIN 49073-1				
		Suitable for	Order no.	Page
		optional		
		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



	LED signal light, red/green lighting		i	451
	Rated voltage	230 V~	– 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	
	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 ²	Suitable for optional	Order no.
			Foil bi-colour for LED signal light	Page
	For installation in standard wall boxes according to DIN 49073-1			page 50
	Design	Order no.	PU	
	white velvety	★ 2952 60 82	1	
	polar white velvety	★ 2952 60 89	1	
	anthracite velvety	★ 2952 60 86	1	

Supplementary products

	Blind plug with centre plate		– on supporting plate without cut-out	
	Design	Order no.	PU	
	without spreader claws			
	white velvety	★ 1009 60 82	20	
	polar white velvety	1009 60 89	20	
	anthracite velvety, lacquered	1009 60 86	20	
	with base and spreader claws			
	white velvety	★ 67 1009 60 82	10	
	polar white velvety	67 1009 60 89	10	
	anthracite velvety, lacquered	67 1009 60 86	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	
	Design	Order no.	PU	
	white velvety	★ 1009 60 72	20	
	polar white velvety	1009 60 79	20	
	anthracite velvety, lacquered	1009 60 76	20	

	Centre plate for cable outlet			
			Suitable for optional	Order no.
			Cable outlet with low installation depth	4468
			Cable outlet	4470
			Page	116
	Design	Order no.	PU	
	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 Centre plates for rotary dimmers Centre plates for rotary switches for blinds SCHUKO socket outlet with hinged cover and imprint Blind plug with centre plate Frames Frames	Order no. Page page 213 page 213 page 200 page 222 page 232 page 238
	Design	Order no.	PU
	transparent	1010 72 00	1

	Sealing set for switches/push-buttons		
		– also for KNX applications: push-button, 1gang, and group push-button, 1gang – with IP44 fixing piece to screw on Suitable for Rockers Rockers for multi-pole rocker switches Rockers - accessible construction Frames Frames	Order no. Page page 206 page 209 page 224 page 232 page 238
	Design	Order no.	PU
	transparent	1010 71 00	1

	Sealing set for key switch/key push-button		
		Suitable for Frames Frames Centre plate for key push-button for blinds/key switch Centre plate for key switch/key push-button	Order no. 1506 60 8 .. 1507 60 8 .. Page page 232 page 238 90 33
	Design	Order no.	PU
	transparent	1010 70 00	1

Hotel applications

	Relay switch with centre plate for hotel card			i	451
		Rated voltage 230 V~ +10/-15 % Frequency 50/60 Hz Switching current 10 A Power consumption < 0.2 W 230 V incandescent lamps and halogen lamps 1500 W 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 mm² Insertion depth 32 mm Neutral conductor necessary!	– with potentiometer for incremental adjustment of delay time – for illumination – with potential-free contact – with screw-in lift terminals – illuminated with blue LED if hotel card is not inserted		
	Design	Order no.	PU		
	white velvety	* 1640 60 92	1		
	polar white velvety	* 1640 60 99	1		
	anthracite velvety	* 1640 60 96	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.	Page page 20 page 20
	1010 71 00	223

Design	Order no.	PU
white velvety	★ 1661 60 42	10
polar white velvety	1661 60 49	10



Rocker for barrier-free construction

- tactile light symbol
- orange lens

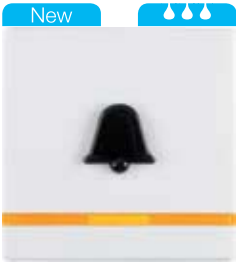


The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

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

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

Design	Order no.	PU
white velvety	* 1651 60 42	10
polar white velvety	1651 60 49	10



Rocker for barrier-free construction

- tactile bell symbol
- orange lens

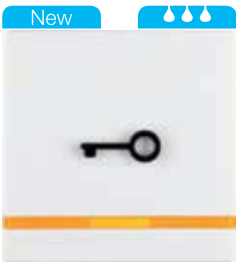


The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

- for illumination and monitoring circuit
- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang

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

Design	Order no.	PU
white velvety	* 1651 60 52	10
polar white velvety	1651 60 59	10



Rocker for barrier-free construction

- tactile symbol for door opener
- orange lens



The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/ push-buttons.

- for illumination and monitoring circuit
- for illuminated rocker push-buttons
- also for KNX applications: push-button, 1gang

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

Design	Order no.	PU
white velvety	* 1651 60 62	10
polar white velvety	1651 60 69	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..

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



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

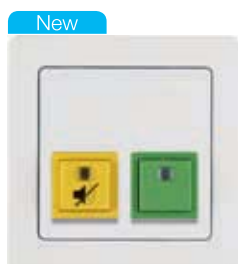
Berker Q.1

white velvety ★ 5206 60 82 1

polar white velvety 5206 60 89 1

Berker Q.3

polar white velvety 5206 60 99 1



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
	Suitable for	Order no.	Page
	Emergency call set with frame	5200 60 8 ..	226
Design	Order no.		PU
Berker Q.1			
white velvety	★ 5202 60 82		1
polar white velvety	5202 60 89		1
Berker Q.3			
polar white velvety	5202 60 99		1

New 	Cancellation button with frame		
	Operating voltage	24 V=	- 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
	Suitable for	Order no.	Page
	Emergency call set with frame	5200 60 8 ..	226
Design	Order no.		PU
Berker Q.1			
white velvety	★ 5201 60 82		1
polar white velvety	5201 60 89		1
Berker Q.3			
polar white velvety	5201 60 99		1

New 	Light signal with frame		
	Operating voltage	24 V=	- 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
	Suitable for	Order no.	Page
	Emergency call set with frame	5200 60 8 ..	226
Design	Order no.		PU
Berker Q.1			
white velvety	★ 5203 60 82		1
polar white velvety	5203 60 89		1
Berker Q.3			
polar white velvety	5203 60 99		1

New



Mains adapter with frame

Operating voltage	24 V=	- 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

Berker Q.1

white velvety	★ 5204 60 82	1

polar white velvety	5204 60 89	1

Berker Q.3

polar white velvety	5204 60 99	1

Central plates for hospital installation



Central plate for socket outlet for 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**

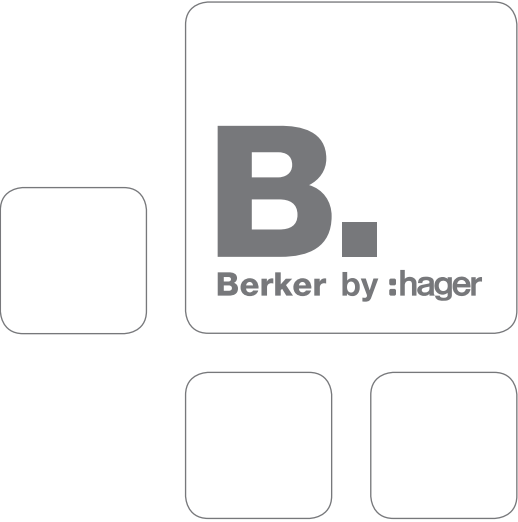
Frames

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

Surface-mounted frames	234



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	



Frame with large cut-out

Not suitable for surface-mounted frames.

– for vertical mounting

i 479

Design
polar white velvety

Order no.
1309 60 89

PU
10



Frame with large cut-out

Not suitable for surface-mounted frames.

– for vertical mounting

i 479

Design
anthracite velvety, lacquered

Order no.
1309 60 86

PU
10

Surface-mounted frames



Frame surface-mounted

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.

Suitable for
Base plates
optional
Entries/connectors

Order no.

Page
page 234
page 410

Design

Order no.

PU

polar white glossy, 1gang

1029 00 69

10

polar white glossy, 2gang

1030 00 69

10

polar white glossy, 3gang

1031 00 69

5

anthracite velvety, lacquered, 1gang

1029 60 86

10

anthracite velvety, lacquered, 2gang

1030 60 86

10

anthracite velvety, lacquered, 3gang

1031 60 86

5

red glossy, 1gang

1029 00 62

10

red glossy, 2gang

1030 00 62

10

red glossy, 3gang

1031 00 62

5

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
– for surface-mounted frame 1gang

Suitable for
Surface-mounted frames

Order no.

Page
page 234

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
– for surface-mounted frame 2gang

Suitable for
Surface-mounted frames

Order no.

Page
page 234

Design

Order no.

PU

white, 2gang

1021 22

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

Suitable for	Order no.	Page
Surface-mounted frames		page 234
Design	Order no.	PU
white, 3gang	1021 32	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.

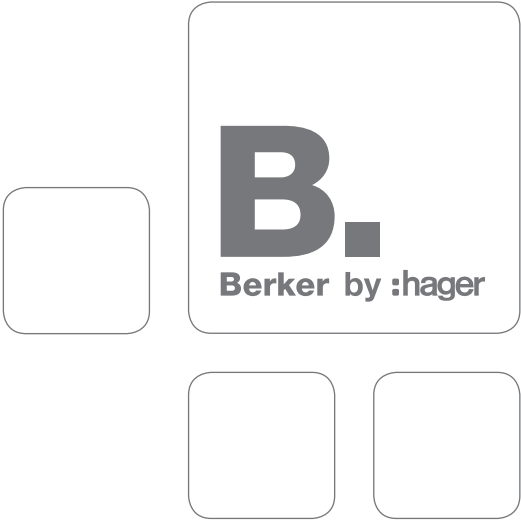
- Together with the radii of the central plates, the clear, cornered frame forms a design contrast, which can be ideally integrated into the architecture of modern buildings.
- Combination frames allow you to combine up to 5 devices vertically or horizontally.
- Available surface: white and polar white 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



Q.1/Q.3
Frames



Frame

- labelling field



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.

- also suitable for cable ducts

Design	Order no.	PU
polar white velvety, 1gang	1051 60 99	10
polar white velvety, 2gang horizontal	1022 60 99	10
polar white velvety, 2gang vertical	1052 60 99	10
polar white velvety, 3gang horizontal	1023 60 99	10
polar white velvety, 3gang vertical	1053 60 99	10

Frames with large cut-out



Frame with large cut-out

Not suitable for surface-mounted housing.

- for vertical mounting

i 479

Design	Order no.	PU
white velvety	* 1309 60 92	2



Frame with large cut-out

Not suitable for surface-mounted frames.

- for vertical mounting

i 479

Design	Order no.	PU
polar white velvety	1309 60 99	2



Frame with large cut-out

Not suitable for surface-mounted frames.

- for vertical mounting

i 479

Design	Order no.	PU
anthracite velvety, lacquered	1309 60 96	2

Berker K.1/K.5

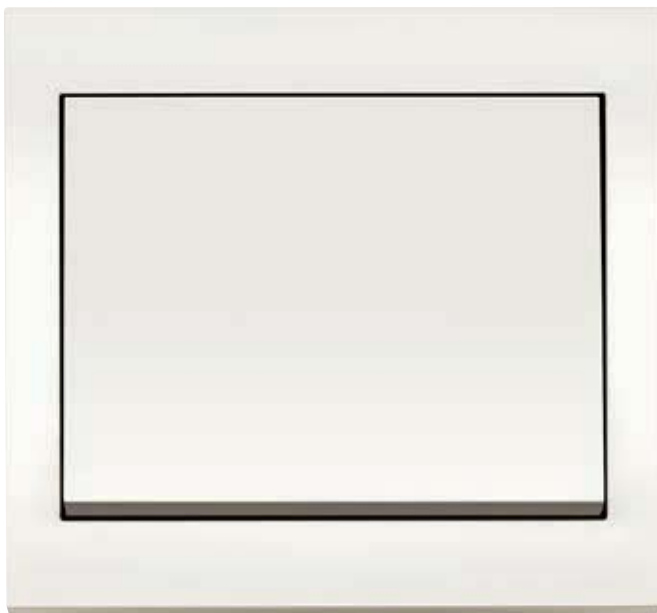
Profiled, contoured, sleek: the Berker K.1 and its sister programme, Berker K.5, are perfect examples for straight designs. It gets better: the Berker K.5 is now also available in fully-anodised aluminium, as well as in its classic stainless steel variant.

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**



Frames / Covers / Central inserts

Plastic, glossy
polar white similar to RAL 9010
red similar to RAL 3003
green similar to RAL 6029
orange similar to RAL 2003
yellow similar to RAL 1004

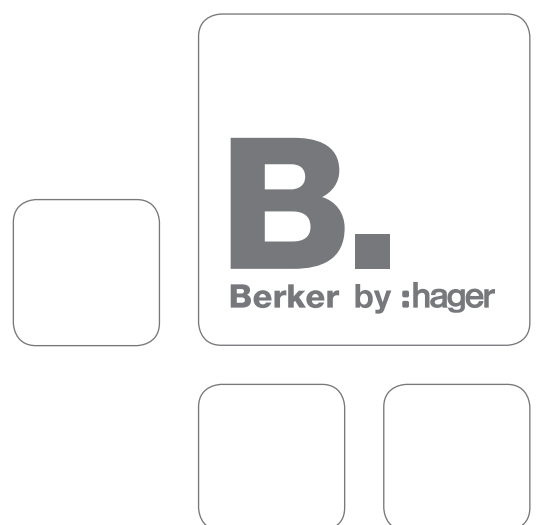
Plastic, matt lacquered
anthracite similar to RAL 7021

Metal, matt finish
stainless steel

Metal, anodised
aluminium (according to E6EV1)

Individual items that cannot be coated
for technical reasons are lacquered.

Schuko socket outlets	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	4715 70 09	10
anthracite matt, lacquered	4715 70 06	10
Aluminium, aluminium anodised	4715 70 03	10
Stainless steel, metal matt finish	4715 70 04	10



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	4735 70 09	10
anthracite matt, lacquered	4735 70 06	10
Aluminium, aluminium anodised	4735 70 03	10
Stainless steel, metal matt finish	4735 70 04	10



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	4115 70 09	10
anthracite matt, lacquered	4115 70 06	10
Aluminium, aluminium anodised	4115 70 03	10
Stainless steel, metal matt finish	4115 70 04	10



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	4135 70 09	10
anthracite matt, lacquered	4135 70 06	10
Aluminium, aluminium anodised	4135 70 03	10
Stainless steel, metal matt finish	4135 70 04	10





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	4739 70 09	10
anthracite matt, lacquered	4739 70 06	10
aluminium matt, lacquered	4739 70 03	10
stainless steel matt, lacquered	4739 70 04	10



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	4738 70 09	10
anthracite matt, lacquered	4738 70 06	10
aluminium matt, lacquered	4738 70 03	10
stainless steel matt, lacquered	4738 70 04	10



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	4728 71 09	10
anthracite matt, lacquered	4728 71 06	10
aluminium matt, lacquered	4728 71 03	10
stainless steel matt, lacquered	4728 71 04	10





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 ²

- 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	4109 70 09	10
anthracite matt, lacquered	4109 70 06	10
aluminium matt, lacquered	4109 70 03	10
stainless steel matt, lacquered	4109 70 04	10



SCHUKO socket outlet with control LED

i 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	4110 70 09	10



Double SCHUKO socket outlet with cover plate

i 474

Rated voltage	250 V~
Rated current	16 A
Assembling height	22 mm

- with plug-in terminals

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

Design	Order no.	PU
polar white glossy	4753 70 09	10
anthracite matt, lacquered	4753 70 06	10
aluminium matt, lacquered	4753 70 03	10
stainless steel matt, lacquered	4753 70 04	10





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	4729 70 09	10
anthracite matt, lacquered	4729 70 06	10
aluminium matt, lacquered	4729 70 03	10
stainless steel matt, lacquered	4729 70 04	10



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

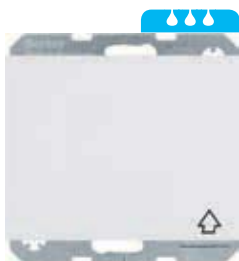
- enhanced contact protection

- 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	4751 71 09	10
anthracite matt, lacquered	4751 71 06	10
Aluminium, aluminium anodised	4751 71 03	10
Stainless steel, metal matt finish	4751 71 04	10



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~	Suitable for optional	Order no.	Page
Rated current	16 A	Sealing set for socket outlets/centre plates		page 269

Design	Order no.	PU
polar white glossy	4751 72 09	10
anthracite matt, lacquered	4751 72 06	10
Aluminium, aluminium anodised	4751 72 03	10
Stainless steel, metal matt finish	4751 72 04	10



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	4747 71 09	10
anthracite matt, lacquered	4747 71 06	10
Aluminium, aluminium anodised	4747 71 03	10
Stainless steel, metal matt finish	4747 71 04	10





SCHUKO socket outlet with hinged cover

i 474

- labelling field
- enhanced contact protection



Rated voltage

250 V~

Rated current

16 A

Labelling field height arranged for 6 mm P-touch strips.

Specially suited to combinations of several socket outlets if right angle plugs are used.

- when opening hinged cover, it can be arrested in end position
- with imprint
- with plug-in terminals

Design	Order no.	PU
polar white glossy	4752 71 09	10
anthracite matt, lacquered	4752 71 06	10
Aluminium, aluminium anodised	4752 71 03	10
Stainless steel, metal matt finish	4752 71 04	10



SCHUKO socket outlet with hinged cover

i 474

- labelling field
- enhanced contact protection



Rated voltage

250 V~

Rated current

16 A

Labelling field height arranged for 6 mm P-touch strips.

Specially suited to combinations of several socket outlets if right angle plugs are used.

- with self-closing hinged covers
- with imprint
- with plug-in terminals

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates		page 269

Design	Order no.	PU
polar white glossy	4752 72 09	10
anthracite matt, lacquered	4752 72 06	10
Aluminium, aluminium anodised	4752 72 03	10
Stainless steel, metal matt finish	4752 72 04	10



SCHUKO socket outlet with hinged cover

i 474

- labelling field
- enhanced contact protection
- installation position variable in 45° steps



Rated voltage

250 V~

Rated current

16 A

Labelling field height arranged for 6 mm P-touch strips.

Specially suited to combinations of several socket outlets if right angle plugs are used.

- when opening hinged cover, it can be arrested in end position
- with imprint
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

Design	Order no.	PU
polar white glossy	4748 71 09	10
anthracite matt, lacquered	4748 71 06	10
Aluminium, aluminium anodised	4748 71 03	10
Stainless steel, metal matt finish	4748 71 04	10



SCHUKO socket outlets 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	4715 70 15	10
green glossy	4715 70 13	10
orange glossy	4715 70 14	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"	4715 71 15	10
green glossy, imprint "SV"	4715 71 13	10
orange glossy, imprint "ZSV"	4715 71 14	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	4739 70 15	10
green glossy	4739 70 13	10
orange glossy	4739 70 14	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"	4739 71 15	10
green glossy, imprint "SV"	4739 71 13	10
orange glossy, imprint "ZSV"	4739 71 14	10





SCHUKO socket outlet with control LED and imprint

i 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"	4110 71 15	10
green glossy, imprint "SV"	4110 71 13	10
orange glossy, imprint "ZSV"	4110 71 14	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	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





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	4708 70 09	1
anthracite matt, lacquered	4708 70 06	1
aluminium matt, lacquered	4708 70 03	1
stainless steel matt, lacquered	4708 70 04	1



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	page 265
Residual current circuit-breaker		437

Design	Order no.	PU
polar white glossy	1493 09	1
anthracite matt	1493 16 06	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

Rated voltage	250 V~	- without spreader claws
Rated current	16 A	- 2pole
Mirror depth	8 mm	- with plug-in terminals

Design	Order no.	PU
polar white glossy	61 6715 70 09	10
anthracite matt, lacquered	61 6715 70 06	10
aluminium matt, lacquered	61 6715 70 03	10
stainless steel matt, lacquered	61 6715 70 04	10



Socket 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	67 6875 70 09	10
anthracite matt, lacquered	67 6875 70 06	10
Aluminium, aluminium anodised	67 6875 70 03	10
Stainless steel, metal matt finish	67 6875 70 04	10



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	67 6575 70 09	10
anthracite matt, lacquered	67 6575 70 06	10
Aluminium, aluminium anodised	67 6575 70 03	10
Stainless steel, metal matt finish	67 6575 70 04	10



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 mm²
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	67 6510 70 09	10
anthracite matt	67 6510 70 06	10
aluminium matt, lacquered	67 6510 70 03	10
stainless steel matt, lacquered	67 6510 70 04	10





Socket outlet with earth contact pin and monitoring LED

i 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	67 6509 70 09	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	67 6877 71 09	10
anthracite matt, lacquered	67 6877 71 06	10
Aluminium, aluminium anodised	67 6877 71 03	10
Stainless steel, metal matt finish	67 6877 71 04	10



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	67 6577 71 09	10
anthracite matt, lacquered	67 6577 71 06	10
Aluminium, aluminium anodised	67 6577 71 03	10
Stainless steel, metal matt finish	67 6577 71 04	10

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	67 6509 70 15	10
green glossy	67 6509 70 13	10
orange glossy	67 6509 70 14	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

5342 02 19

10

anthracite matt

5342 02 16

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

33 1307 70 09

10

anthracite matt, lacquered

33 1307 70 06

10

Aluminium, aluminium anodised

33 1307 70 13

10

Stainless steel, metal matt finish

33 1307 70 14

10

Covers for switches/push-buttons

Rockers



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



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

1405 70 09

10

anthracite matt, lacquered

1405 70 06

10

Aluminium, aluminium anodised

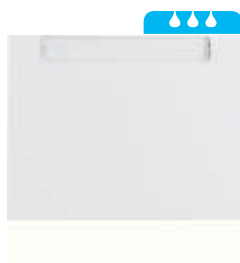
1405 70 03

10

Stainless steel, metal matt finish

1405 70 04

10



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

1426 70 09

10

anthracite matt, lacquered

1426 70 06

10

Aluminium, aluminium anodised

1426 70 03

10

Stainless steel, metal matt finish

1426 70 04

10

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

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons		page 270

Design	Order no.	PU
polar white glossy	1415 70 09	10
anthracite matt, lacquered	1415 70 06	10
Aluminium, aluminium anodised	1415 70 03	10
Stainless steel, metal matt finish	1415 70 04	10

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

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
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	1415 71 09	10
anthracite matt, lacquered	1415 71 06	10
Aluminium, aluminium anodised	1415 71 03	10
Stainless steel, metal matt finish	1415 71 04	10

Rocker



- large labelling field
- lens



Labelling field (W x H) $\approx 49.5 \times 20.3 \text{ mm}$

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

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons		page 270

Design	Order no.	PU
polar white glossy	1496 70 09	10
anthracite matt, lacquered	1496 70 06	10
aluminium matt, lacquered	1496 70 03	10
stainless steel matt, lacquered	1496 70 04	10

Rockers for multi-pole rocker switches



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 71 00.



Rocker with imprint "0"

Not suitable for rocker push-button switches.

Suitable for	Order no.	Page
Multi-pole rocker switches		page 25
optional		
Sealing set for switches/push-buttons		page 270
Design	Order no.	PU
polar white glossy	1425 71 09	10
anthracite matt, lacquered	1425 71 06	10
Aluminium, aluminium anodised	1425 71 03	10
Stainless steel, metal matt finish	1425 71 04	10



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.

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

Suitable for	Order no.	Page
Multi-pole rocker switches		page 25
optional		
Sealing set for switches/push-buttons		page 270
Design	Order no.	PU
polar white glossy	1417 71 09	10
anthracite matt, lacquered	1417 71 06	10
Aluminium, aluminium anodised	1417 71 03	10
Stainless steel, metal matt finish	1417 71 04	10

Multiple Rockers

Rocker 2gang

Not suitable for rockers push-button switches.

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

Suitable for	Order no.	Page
Rocker switches, 2gang		page 28
Series push-buttons		page 28
Design	Order no.	PU
polar white glossy	1435 70 09	10
anthracite matt, lacquered	1435 70 06	10
Aluminium, aluminium anodised	1435 70 03	10
Stainless steel, metal matt finish	1435 70 04	10

Rocker 2gang

- red lens



Not suitable for rockers push-button switches.

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

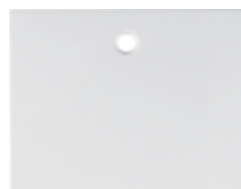
Suitable for	Order no.	Page
Rocker switches, 2gang		page 28
Series push-buttons		page 28
Design	Order no.	PU
polar white glossy	1437 70 09	10
anthracite matt, lacquered	1437 70 06	10
aluminium matt, lacquered	1437 70 03	10
stainless steel matt, lacquered	1437 70 04	10



Rocker 3gang

	Suitable for	Order no.	Page
	On/off switch 3gang	6330 23	30
Design	Order no.		PU
polar white glossy	1465 70 09		10
anthracite matt, lacquered	1465 70 06		10
Aluminium, aluminium anodised	1465 70 03		10
stainless steel matt, lacquered	1465 70 04		10

Centre plates for pullcord switches/pullcord push-buttons



Centre plate for pullcord switch/pullcord push-button

	Suitable for	Order no.	Page
	Pullcord switches/pullcord push-buttons		page 31
Design	Order no.		PU
polar white glossy	1147 70 09		10
anthracite matt, lacquered	1147 70 06		10

Centre plates for key switches/key push-buttons

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 70 00.



Centre plate for key switch/key push-button

– for master-key systems

	Suitable for	Order no.	Page
	Key switches/key push-buttons		page 32
	Lock cylinder	1818 ..	60
	optional		
	Sealing set for key switch/key push-button		page 270
Design	Order no.		PU
polar white glossy	1505 70 09		10
anthracite matt, lacquered	1505 70 06		10
aluminium matt, lacquered	1505 70 03		10
stainless steel matt, lacquered	1505 70 04		10

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
	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	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





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	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



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 Inserts	Order no.	Page page 68

Design

Order no.

PU

Nominal mounting height 1.1 m

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

Nominal mounting height 2.2 m

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



Motion detector

Delay time

≈ 180 s

Response brightness, adjustable ≈ 5 ... 1000 lx, ∞ lx (day)

- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- with button for on/off/automatic
- low intrinsic energy requirement

i 468

Suitable for Inserts	Order no.	Page page 68

Design

Order no.

PU

Nominal mounting height 1.1 m

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

Nominal mounting height 2.2 m

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



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

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
polar white glossy	8524 11 79	1
anthracite matt, lacquered	8524 11 75	1
aluminium, matt, lacquered	8524 11 77	1
stainless steel matt, lacquered	8524 11 73	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

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
polar white glossy	8574 11 79	1
anthracite matt, lacquered	8574 11 75	1
aluminium, matt, lacquered	8574 11 77	1
stainless steel matt, lacquered	8574 11 73	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	Order no.	Page
Rotary dimmers		page 36
Rotary potentiometers DALI		page 39
1-10 V Rotary potentiometers		page 40
optional		
Sealing set for socket outlets/centre plates		page 269

Design	Order no.	PU
polar white glossy	1135 70 09	10
anthracite matt, lacquered	1135 70 06	10
Aluminium, aluminium anodised	1135 70 03	10
Stainless steel, metal matt finish	1135 70 04	10

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	1435 71 09	10
anthracite matt, lacquered	1435 71 06	10
Aluminium, aluminium anodised	1435 71 03	10
Stainless steel, metal matt finish	1435 71 04	10

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	1435 72 09	10
anthracite matt, lacquered	1435 72 06	10
Aluminium, aluminium anodised	1435 72 03	10
Stainless steel, metal matt finish	1435 72 04	10

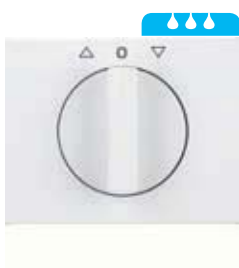
Suitable for
Group series push-button, 4 NO contacts,
common input terminal

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	1077 71 09	1
anthracite matt, lacquered	1077 71 06	1
Aluminium, aluminium anodised	1077 71 03	1
Stainless steel, metal matt finish	1077 71 04	1

Suitable for
Rotary switches for blinds

Order no.

Page
page 86

optional
Sealing set for socket outlets/centre plates
Interlock disk for rotary switch for blinds

1861

page 269
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	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

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

Order no.

PU



**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.
3851
3852

Page
87
87

Design

Order no.

PU

polar white glossy

1079 72 09

1

anthracite matt, lacquered

1079 72 06

1

Aluminium, aluminium anodised

1079 72 03

1

Stainless steel, metal matt finish

1079 72 04

1



**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.
3851
3852

Page
87
87

Design

Order no.

PU

polar white glossy

1079 73 09

1

anthracite matt, lacquered

1079 73 06

1

Aluminium, aluminium anodised

1079 73 03

1

Stainless steel, metal matt finish

1079 73 04

1



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

- with imprint
- for master-key systems
- for lock cylinder

Suitable for
Switch for blinds 1pole for lock cylinder
Switch for blinds 2pole for lock cylinder
Push-button for blinds 1pole for lock cylinder
Push-button for blinds 2pole for lock cylinder
Lock cylinder

Order no.
3821 20
3822 10
3831 ..
3832 10
1818 ..

Page
89
89
89
90
60

optional

Sealing set for key switch/key push-button

page 270

Design

Order no.

PU

polar white glossy

1504 71 09

10

anthracite matt, lacquered

1504 71 06

10

aluminium matt, lacquered

1504 71 03

10

stainless steel matt, lacquered

1504 71 04

10

Communication/multimedia technology

- For information on suitable third-party manufacturer articles, see the chapter "Communication/multimedia technology"

Covers data communications / telecommunications

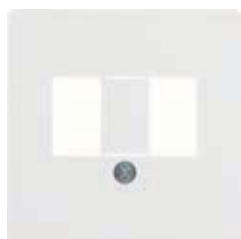


Centre plate with TAE cut-out

- 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	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



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	1458 09	10



Centre plate for FCC socket outlet

- for 1gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A 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	1407 70 09	10
anthracite matt, lacquered	1407 70 06	10
Aluminium, aluminium anodised	1407 70 03	10
Stainless steel, metal matt finish	1407 70 04	10



Central plate for FCC socket outlet

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

- for 1gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A 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	1468 09	10



Centre plate for FCC socket outlet 2gang

- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- with 45° oblique outlet

Design	Suitable for FCC socket outlets 2gang	Order no.	Page page 101
polar white glossy		1409 70 09	PU 10
anthracite matt, lacquered		1409 70 06	10
Aluminium, aluminium anodised		1409 70 03	10
Stainless steel, metal matt finish		1409 70 04	10



Central plate for FCC socket outlet 2gang

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

- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- with 45° oblique outlet
- labelling field latchable

Design	Suitable for FCC socket outlets 2gang Intermediate rings FCC socket outlet 8/8pole shielded, cat.6/ class E	Order no.	Page page 101 page 264 101
polar white glossy		1469 09	PU 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.	PU
polar white glossy	1170 70 09	10
anthracite matt, lacquered	1170 70 06	10
aluminium matt, lacquered	1170 70 03	10
stainless steel matt, lacquered	1170 70 04	10



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
polar white glossy	1182 70 09	10
anthracite matt, lacquered	1182 70 06	10
aluminium matt, lacquered	1182 70 03	10
stainless steel matt, lacquered	1182 70 04	10



Central plate for 3 MINI-COM modules

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

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com 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

	Suitable for Multimedia modules Intermediate rings	Order no.	Page page 402 page 264
Design		Order no.	PU
polar white glossy		1427 09	10
anthracite matt		1427 16 06	10



Central plate for Reichle&De-Massari single modules

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

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

	Suitable for Intermediate rings	Order no.	Page page 264
Design		Order no.	PU
polar white glossy		1472 09	10
anthracite matt		1472 16 06	10



Central plate for Reichle&De-Massari double module

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

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

	Suitable for Intermediate rings	Order no.	Page page 264
Design		Order no.	PU
polar white glossy		1461 09	10



Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

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

- with 30° oblique outlet
- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- labelling field latchable

	Suitable for Intermediate rings	Order no.	Page page 264
Design		Order no.	PU
polar white glossy		1463 09	10
anthracite matt		1463 16 06	10



Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

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

- with 30° oblique outlet
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks cat.5, cat.5e and cat.6

Design	Suitable for Intermediate rings	Order no.	Page page 264
polar white glossy		1464 09	PU
anthracite matt		1464 16 06	10



Central plate for fibre-optic couplings Simplex ST

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

- with 30° oblique outlet
- for 2 fibre-optic couplings

Design	Suitable for Intermediate rings	Order no.	Page page 264
polar white glossy, 2gang		1492 09	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		1480 09	PU
			10

Covers for aerial sockets



Centre plate for aerial socket 2-/3hole

- 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
Design	Order no.		PU
polar white glossy	1201 70 19		10
anthracite matt, lacquered	1201 70 16		10
Aluminium, aluminium anodised	1201 70 13		10
Stainless steel, metal matt finish	1201 70 14		10



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)

Use only with intermediate ring for central plate from the corresponding range.	Suitable for	Order no.	Page
	Intermediate rings		page 264
	Aerial socket 4hole single box	4594 10	114
Design	Order no.		PU
polar white glossy	1484 09		10
anthracite matt	1484 16 06		10
aluminium matt, lacquered	1484 70 03		10
stainless steel matt, lacquered	1484 04		10



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	Suitable for Intermediate rings	Order no.	Page page 264
polar white glossy		1483 09	PU
anthracite matt		1483 16 06	10
aluminium matt, lacquered		1483 70 03	10
stainless steel matt, lacquered		1483 04	10



Central plate for broadband modem socket (Wisi)

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

– with additional multimedia output

Design	Suitable for Intermediate rings	Order no.	Page page 264
anthracite matt		# 1439 16 06	PU
			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.

Design	Suitable for Intermediate rings optional Built-in socket for floating output	Order no.	Page page 264
polar white glossy		1431 09	PU
anthracite matt		1431 16 06	10
aluminium matt, lacquered		1431 70 03	10
stainless steel matt, lacquered		1431 04	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

Design	Suitable for Intermediate rings	Order no.	Page page 264
polar white glossy		1432 09	PU
anthracite matt		1432 16 06	10
aluminium matt, lacquered		1432 70 03	10
stainless steel matt, lacquered		1432 04	10

Intermediate rings



Intermediate ring for central plate

– labelling field latchable

Design	Suitable for optional Labelling field for intermediate ring	Order no.	Page page 265
polar white glossy		1108 70 09	PU
anthracite matt, lacquered		1108 70 06	10
aluminium matt, lacquered		1108 70 03	10
stainless steel matt, lacquered		1108 70 04	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 264

Design

Order no.

PU

polar white glossy

1905 00 69

10

aluminium matt, lacquered

1905 70 03

10

stainless steel matt, lacquered

1905 70 04

10



Intermediate ring with hinged cover

Labelling field height arranged for P-touch strips 6 mm.

- when opening hinged cover, it can be arrested in end position
- with imprint
- for centre plate of third-party manufacturers with external dimension 50 x 50 mm

Design

Order no.

PU

polar white glossy

1154 71 09

10

anthracite matt, lacquered

1154 71 06

10

Aluminium aluminium anodised

1154 71 03

10

Stainless steel/metal matt finish

1154 71 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

Order no.

Page
page 249

Design

Order no.

PU

polar white glossy

1108 71 09

10

anthracite matt, lacquered

1108 71 06

10

aluminium matt, lacquered

1108 71 03

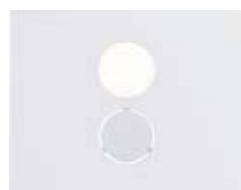
10

stainless steel matt, lacquered

1108 71 04

10

Covers Audio



Centre plate for loudspeaker socket outlet

- 1 knock out opening

Suitable for
Loudspeaker socket outlet High End
Entry for small connector

Order no.

Page

4505 02
4505

123
123

Design

Order no.

PU

polar white glossy

1184 70 09

10

anthracite matt, lacquered

1184 70 06

10

Aluminium, aluminium anodised

1184 70 03

10

Stainless steel, metal matt finish

1184 70 04

10



Central plate for XLR D-series connector

Cut-out Ø

23.6 mm

Screw spacing (horizontal/vertical)

19/24 mm

- 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 264

Design

Order no.

PU

polar white glossy

1412 09

10

anthracite matt

1412 16 06

10

Video socket outlets



VGA socket outlet

Frequency range video
Resolution

max. 160 MHz
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	33 1540 70 09	10
anthracite matt, lacquered	33 1540 70 06	10
aluminium matt, lacquered	33 1540 70 03	10
stainless steel matt, lacquered	33 1540 70 04	10

back side, with screw-in lift terminals

polar white glossy ¹⁾	33 1541 70 09	10
anthracite matt, lacquered ¹⁾	33 1541 70 06	10
aluminium matt, lacquered ¹⁾	33 1541 70 03	10
stainless steel matt, lacquered ¹⁾	33 1541 70 04	10

¹⁾ for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²

Multimedia sockets



High definition socket outlet

Transmission rate
Resolution

max. 8.16 GBit/s
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.

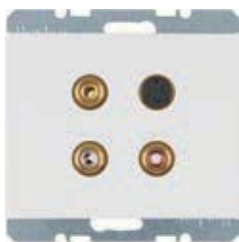
PU

back side, with straight socket

polar white glossy	33 1542 70 09	1
anthracite matt, lacquered	33 1542 70 06	1
aluminium matt, lacquered	33 1542 70 03	10
stainless steel matt, lacquered	33 1542 70 04	1

back side, with 90° angle socket

polar white glossy	33 1543 70 09	10
anthracite matt, lacquered	33 1543 70 06	10
aluminium matt, lacquered	33 1543 70 03	10
stainless steel matt, lacquered	33 1543 70 04	10



3 x Cinch/S-Video socket outlet

Frequency range audio
Frequency range video

20 ... 20000 Hz
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	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



USB/3.5 mm audio socket outlet

USB transmission rate
Frequency range audio

max. 480 Mbit/s
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	33 1539 70 09	10
anthracite matt, lacquered	33 1539 70 06	10
aluminium matt, lacquered	33 1539 70 03	10
stainless steel matt, lacquered	33 1539 70 04	10

Consumer electronics

New



Berker Radio Touch

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 ²	- 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 ²	- 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
optional		
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 ²	

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 ²	- 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 ²	

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



Design

without spreader claws

polar white glossy	1045 70 09	20
anthracite matt, lacquered	1045 70 06	20
Aluminium, aluminium anodised	1045 70 03	20
Stainless steel, metal matt finish	1045 70 04	20

with base and spreader claws

polar white glossy	67 1045 70 09	10
anthracite matt, lacquered	67 1045 70 06	10
Aluminium, aluminium anodised	67 1045 70 03	10
Stainless steel, metal matt finish	67 1045 70 04	10

– on supporting plate without cut-out

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates		page 269

Order no.	PU



Blind plug with centre plate, screw-on



Design

polar white glossy	1045 71 09	20
anthracite matt, lacquered	1045 71 06	20

- 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

Order no.	PU



Centre plate for cable outlet



Design

polar white glossy	1005 70 09	10
anthracite matt, lacquered	1005 70 06	10
aluminium matt, lacquered	1005 70 03	10
stainless steel matt, lacquered	1005 70 04	10

Suitable for	Order no.	Page
Cable outlet with low installation depth	4468	116
Cable outlet	4470	116

Order no.	PU

Sealings IP44

– For installation information on sealing sets, see "Flush-mounted wet room installation".



Sealing set for socket outlets/centre plates

Design

transparent	1010 72 00	1

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

Order no.	PU



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	1010 71 00	1

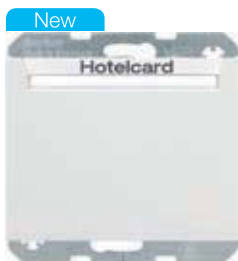


Sealing set for key switch/key push-button

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	1010 70 00	1

Hotel applications



Relay switch with centre plate for hotel card

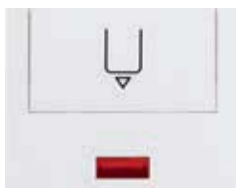
i 458

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 ²	
Insertion depth	32 mm	

Neutral conductor necessary!

Design	Order no.	PU
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

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	1641 71 09	10
anthracite matt, lacquered	1641 71 06	10
aluminium matt, lacquered	1641 71 03	10
stainless steel matt, lacquered	1641 71 04	10

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

- tactile symbol
- enhanced contact protection



Rated voltage

250 V~

Rated current

16 A

Connection terminals according to IEC 60884-1

Barrier-free building based on DIN 18025

- when opening hinged cover, it can be arrested in end position
- for accessible construction
- with plug-in terminals

i 474



Design	Order no.	PU
polar white glossy	4786 71 09	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
Rocker push-buttons

Order no.

Page
page 20
page 20

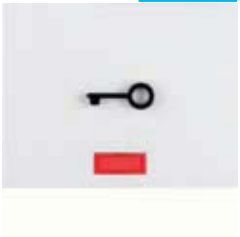
optional
Sealing set for switches/push-buttons

page 270

Design	Order no.	PU
polar white glossy	1661 71 09	10

Rocker for barrier-free construction		
	- tactile light symbol - red lens	- 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
	 	
	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. Barrier-free building based on DIN 18025	
Design	Order no.	PU
polar white glossy	1651 71 09	10

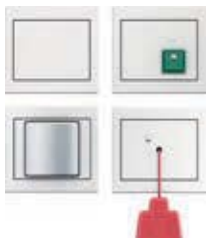
Rocker for barrier-free construction		
	- tactile bell symbol - red lens	- for illuminated rocker push-buttons - also for KNX applications: push-button, 1gang - for accessible construction
	 	
	The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons. Barrier-free building based on DIN 18025	
Design	Order no.	PU
polar white glossy	1651 72 09	10

Rocker for barrier-free construction		
	- tactile symbol for door opener - red lens	- for illuminated rocker push-buttons - also for KNX applications: push-button, 1gang - for accessible construction
	 	
	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	
Design	Order no.	PU
polar white glossy	1651 73 09	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
polar white glossy

Order no.
5200 70 09 PU
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
polar white glossy

Order no.
5206 70 09 PU
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
polar white glossy

Order no.
5205 70 09 PU
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
polar white glossy

Order no.
5202 70 09 PU
1



Cancellation button with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

- with green shut-off button
- 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

Suitable for
Emergency call set with frame

Order no.
5200 70 09

Page
273

Design
polar white glossy

Order no.
5201 70 09

PU
1



Light signal with frame

Operating voltage 24 V=
Operating temperature -5 ... +40 °C

- with 4 red LEDs
- acoustic call tone switchable on pilot lamp
- call tone can be set as continuous signal or as pulses
- with potential-free relay contact for call tone forwarding, e.g. to telephone dialler
- call tone received on voltage failure and return
- centre plate for plug-in fixing
- with screw terminals

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

Suitable for
Emergency call set with frame

Order no.
5200 70 09

Page
273

Design
polar white glossy

Order no.
5203 70 09

PU
1



Mains adapter with frame

Operating voltage 24 V=
Frequency 50 ... 60 Hz
Input voltage 100 ... 240 V~
Input current max. 180 mA
Output voltage 24 V=
Output current max. 250 mA
Operating temperature -5 ... +40 °C

- centre plate for plug-in fixing
- with screw terminals

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

Suitable for
Emergency call set with frame

Order no.
5200 70 09

Page
273



Design
polar white glossy

Order no.
5204 70 09

PU
1

Central plates for hospital installation



Central plate for socket outlet for floating output

Caution!
Use only with intermediate ring for central plate from the corresponding range.
For double pole socket outlet for floating output according to DIN 42801

- with imprint

Suitable for
Intermediate rings
Socket outlet for floating output

Order no.
1061

Page
page 264
64

Design
polar white glossy
anthracite matt

Order no.
1403 09
1403 16 06

PU
10
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
polar white glossy, 1gang	1313 70 09	10
polar white glossy, 2gang vertical	1323 70 09	2
polar white glossy, 3gang vertical	1333 70 09	2
polar white glossy, 4gang vertical	1343 70 09	2
polar white glossy, 5gang vertical	1353 70 09	2
polar white glossy, 2gang horizontal	1363 70 09	2
polar white glossy, 3gang horizontal	1373 70 09	2
polar white glossy, 4gang horizontal	1383 70 09	2
polar white glossy, 5gang horizontal	1393 70 09	2



Frame

i 479

Design	Order no.	PU
anthracite matt, lacquered, 1gang	1313 70 06	10
anthracite matt, lacquered, 2gang vertical	1323 70 06	10
anthracite matt, lacquered, 3gang vertical	1333 70 06	2
anthracite matt, lacquered, 4gang vertical	1343 70 06	2
anthracite matt, lacquered, 5gang vertical	1353 70 06	2
anthracite matt, lacquered, 2gang horizontal	1363 70 06	10
anthracite matt, lacquered, 3gang horizontal	1373 70 06	2
anthracite matt, lacquered, 4gang horizontal	1383 70 06	2
anthracite matt, lacquered, 5gang horizontal	1393 70 06	2



Frame

i 479

Design	Order no.	PU
Aluminium, aluminium anodised, 1gang	1313 70 03	10
Aluminium, aluminium anodised, 2gang vertical	1323 70 03	2
Aluminium, aluminium anodised, 3gang vertical	1333 70 03	2
Aluminium, aluminium anodised, 4gang vertical	1343 70 03	2
Aluminium, aluminium anodised, 5gang vertical	1353 70 03	2
Aluminium, aluminium anodised, 2gang horizontal	1363 70 03	2
Aluminium, aluminium anodised, 3gang horizontal	1373 70 03	2
Aluminium, aluminium anodised, 4gang horizontal	1383 70 03	2
Aluminium, aluminium anodised, 5gang horizontal	1393 70 03	2

	Frame		i	479
		Suitable for optional Sealings IP44	Order no.	Page
				page 269
	Design	Order no.		PU
	Stainless steel, metal matt finish, 1gang	1313 70 04		10
	Stainless steel, metal matt finish, 2gang vertical	1323 70 04		2
	Stainless steel, metal matt finish, 3gang vertical	1333 70 04		2
	Stainless steel, metal matt finish, 4gang vertical	1343 70 04		2
	Stainless steel, metal matt finish, 5gang vertical	1353 70 04		2
	Stainless steel, metal matt finish, 2gang horizontal	1363 70 04		2
	Stainless steel, metal matt finish, 3gang horizontal	1373 70 04		2
	Stainless steel, metal matt finish, 4gang horizontal	1383 70 04		2
	Stainless steel, metal matt finish, 5gang horizontal	1393 70 04		2

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	1309 70 09		1

	Frame with large cut-out		i	479
	Not suitable for surface-mounted housing.	- for vertical mounting		
	Design	Order no.		PU
	anthracite matt, lacquered	1309 70 06		1

	Frame with large cut-out		i	479
	Not suitable for surface-mounted housing.	- for vertical mounting		
	Design	Order no.		PU
	Aluminium, aluminium anodised	1309 70 03		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	1309 70 04		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

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Design

Order no.

PU

polar white glossy, 1gang	1041 70 09	10
polar white glossy, 2gang vertical	1042 70 09	5
polar white glossy, 3gang vertical	1043 70 09	5
polar white glossy, 2gang horizontal	1052 70 09	5
polar white glossy, 3gang horizontal	1053 70 09	5
anthracite matt, lacquered, 1gang	1041 70 06	10
anthracite matt, lacquered, 2gang vertical	1042 70 06	5
anthracite matt, lacquered, 3gang vertical	1043 70 06	5
anthracite matt, lacquered, 2gang horizontal	1052 70 06	5
anthracite matt, lacquered, 3gang horizontal	1053 70 06	5
aluminium matt, lacquered, 1gang	1041 70 03	10
aluminium matt, lacquered, 2gang vertical	1042 70 03	5
aluminium matt, lacquered, 3gang vertical	1043 70 03	5
aluminium matt, lacquered, 2gang horizontal	1052 70 03	5
aluminium matt, lacquered, 3gang horizontal	1053 70 03	5
stainless steel matt, lacquered, 1gang	1041 70 04	10
stainless steel matt, lacquered, 2gang vertical	1042 70 04	5
stainless steel matt, lacquered, 3gang vertical	1043 70 04	5
stainless steel matt, lacquered, 2gang horizontal	1052 70 04	5
stainless steel matt, lacquered, 3gang horizontal	1053 70 04	5

Berker Arsys

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

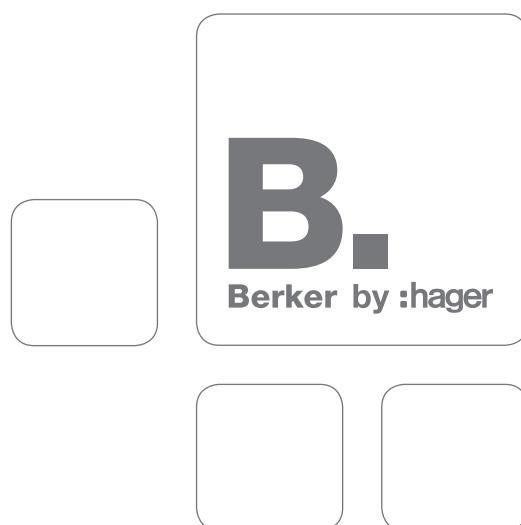
white	similar to RAL 1013
polar white	similar to RAL 9010
brown	similar to RAL 8011
red	similar to RAL 3003
green	similar to RAL 6029
orange	similar to RAL 2003
yellow	similar to RAL 1004

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
Flush-mounted safety devices	286
International socket outlet systems	286
Covers for switches/push-buttons	290
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Communication/multimedia technology	296
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Supplementary products	306
Hotel applications	308
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Frames	308
Surface-mounted frames	310



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



Rated voltage

250 V~

Rated current

16 A

Design	Order no.	PU
brown glossy	# 4135 00 01	10
white glossy	# 4135 00 02	10
polar white glossy	# 4135 00 69	10
light bronze matt, aluminium lacquered	# 4134 00 01	10
Stainless steel, metal matt finish	# 4134 00 04	10
gold matt, aluminium anodised	# 4134 00 02	10



SCHUKO socket outlet 45°

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 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



Rated voltage

250 V~

Rated current

16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	# 4739 00 02	10
polar white glossy	# 4739 00 69	10
brown glossy	# 4739 00 01	10
stainless steel matt, lacquered	# 4739 90 04	10



SCHUKO socket outlet

- labelling field
- enhanced contact protection

- with plug-in terminals



Rated voltage

250 V~

Rated current

16 A

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	# 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 ²

- 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 1gang 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

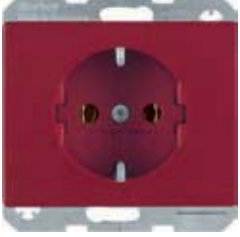


 	SCHUKO socket outlet with hinged cover		i	474
	Rated voltage Rated current	250 V~ 16 A	- with imprint - with plug-in terminals	
	Degree of protection IP44 is provided only with sealing set order no. 1010 00.	Suitable for Sealing set for Arsys IP44 devices	Order no. 1010 00	Page 306
Design		Order no.	PU	
Stainless steel, metal matt finish		# 4758 10 04	10	

 	SCHUKO socket outlet with hinged cover		i	474
	- enhanced contact protection		- with imprint - with plug-in terminals	
	Rated voltage Rated current	250 V~ 16 A	Suitable for Sealing set for Arsys IP44 devices	Order no. 1010 00 Page 306
Design		Order no.	PU	
Stainless steel, metal matt finish		# 4758 30 04	10	

 	SCHUKO socket outlet with hinged cover		i	474
	- labelling field		- with imprint - with plug-in terminals	
	Rated voltage Rated current	250 V~ 16 A	Suitable for Sealing set for Arsys IP44 devices	Order no. 1010 00 Page 306
Design		Order no.	PU	
Stainless steel, metal matt finish		# 4758 20 04	10	

SCHUKO socket outlets for special applications

 	SCHUKO socket outlet		i	474
	Rated voltage Rated current	250 V~ 16 A	- with plug-in terminals	
	Insert colour-coded.			
Design		Order no.	PU	
red glossy		# 4715 00 62	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
Adapter ring for centre plate 50 x 50 mm
Residual current circuit-breaker

Order no.
2844

Page
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 mm²

- 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



- 2pole + earth
- with plug-in terminals

Rated voltage	250 V~
Rated current	16 A

Insert colour-coded.

Design	Order no.	PU
red glossy	# 67 6875 00 62	10
green glossy	# 67 6875 00 63	10





Socket outlet with earthing pin

- 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



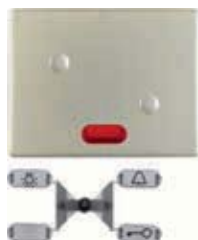
Rocker screw-on

- 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" Not suitable for push-button (KNX) and group push-buttons (KNX). Degree of protection IP44 is provided only with sealing set order no. 1010 00.	Suitable for Rocker switches Rocker push-buttons Sealing set for Arsys IP44 devices	Order no. 1010 00	Page page 20 page 20 306
	Design Stainless steel, metal matt finish	Order no. # 1424 10 04		PU 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 Rocker switches Rocker push-buttons	Order no.	Page page 20 page 20
	Design white glossy polar white glossy brown glossy light bronze matt, aluminium lacquered Stainless steel, metal matt finish gold matt, aluminium anodised	Order no. # 1426 00 02 # 1426 00 69 # 1426 00 01 # 1436 00 01 # 1436 00 04 # 1436 00 02		PU 10 10 10 10 10 10
	Rocker with imprint "IP44" - labelling field Not suitable for push-button (KNX) and group push-buttons (KNX). Labelling field height designed for 6 mm P-touch strips. Degree of protection IP44 is provided only with sealing set order no. 1010 00.	Suitable for Rocker switches Rocker push-buttons Sealing set for Arsys IP44 devices	Order no. 1010 00	Page page 20 page 20 306
	Design Stainless steel, metal matt finish	Order no. # 1436 10 04		PU 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 Suitable for Rocker switches Rocker push-buttons	Order no.	Page page 20 page 20
	Design clear, with white labelling field	Order no. # 1487 00		PU 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 white glossy polar white glossy brown glossy light bronze matt, aluminium lacquered Stainless steel, metal matt finish gold matt, aluminium anodised	Order no. # 1415 00 02 # 1415 00 69 # 1415 00 01 # 1416 00 01 # 1416 00 04 # 1416 00 02		PU 10 10 10 10 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

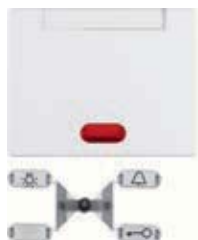
Order no.

PU

Stainless steel, metal matt finish

1414 00 10

10



Rocker

- labelling field
- lens



For labelling with names, notes etc.

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.

- 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

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

Suitable for	Order no.	Page
Rocker switches, 2gang		page 28
Series push-buttons		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

Suitable for	Order no.	Page
Rocker switches, 2gang		page 28
Series push-buttons		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

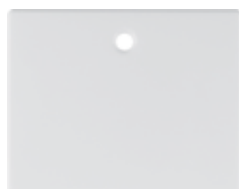
Suitable for	Order no.	Page
Rocker switches, 2gang		page 28
Series push-buttons		page 28
Design	Order no.	PU
white glossy	# 1437 00 02	10
polar white glossy	# 1437 00 69	10
brown glossy	# 1437 00 01	10



Rocker 3gang

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

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.	PU
white glossy	# 1505 00 12	10
polar white glossy	# 1505 00 79	10
brown glossy	# 1505 00 11	10
light bronze matt, lacquered	# 1505 90 21	10
stainless steel matt, lacquered	# 1505 90 14	10

Suitable for
Key switches/key push-buttons
Lock cylinder

Order no.
1818 ..

Page
page 32
60

Covers for dimmers

Centre plates for rotary dimmers



Centre plate for rotary dimmer

– setting knob



Axis dimension Ø

4 mm

Design	Order no.	PU
white glossy	# 1135 00 02	10
polar white glossy	# 1135 00 69	10
brown glossy	# 1135 00 01	10
light bronze matt, aluminium lacquered	# 1134 00 01	10
Stainless steel, metal matt finish	# 1134 00 04	10
gold matt, aluminium anodised	# 1134 00 02	10

Suitable for
Rotary dimmers
Rotary potentiometers DALI
1-10 V Rotary potentiometers

Order no.

Page
page 36
page 39
page 40

Covers for blind switches/push-buttons

Rockers with imprint



Rocker 2gang with imprinted arrow symbol

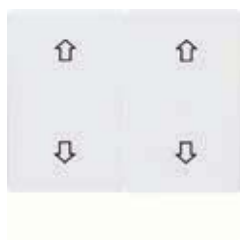
– also for KNX applications: push-button, 2gang

Design	Order no.	PU
white glossy	# 1435 01 02	10
polar white glossy	# 1435 01 69	10
brown glossy	# 1435 01 01	10
light bronze matt, aluminium lacquered	# 1434 01 01	10
Stainless steel, metal matt finish	# 1434 01 04	10
gold matt, aluminium anodised	# 1434 01 02	10

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

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

Order no.

Page

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
optional		
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
Switch for blinds 1pole
for centre plate with lock
Switch for blinds 2pole
for centre plate with lock

Order no.
3851
3852

Page
87
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
Switch for blinds 2pole for lock cylinder
Push-button for blinds 1pole for lock cylinder
Push-button for blinds 2pole for lock cylinder
Lock cylinder

Order no.
3822 10
3831 10
3832 10
1818 ..

Page
89
89
90
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

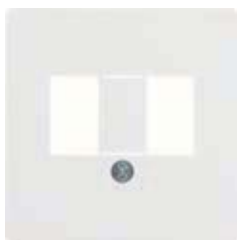
- also for KNX applications: USB data interface, flush-mounted

Suitable for
230 V USB charging socket outlet
Loudspeaker connection box
Stereo loudspeaker connection box
Modular FCC socket outlet 8/8pole, cat.6A
Modular FCC socket outlet 8/8pole shielded, cat.6 iso

Order no.
2600 0 ..
4572 ..
4573 ..
4584
4588

Page
120
121
122
103
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	1458 02	10
polar white glossy	1458 09	10
brown glossy	# 1458 01	10



Centre plate for FCC socket outlet

- for 1gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A 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	# 1407 00 02	10
polar white glossy	# 1407 00 69	10
brown glossy	# 1407 00 01	10
light bronze matt, aluminium lacquered	# 1408 00 01	10
Stainless steel, metal matt finish	# 1408 00 04	10
gold matt, aluminium anodised	# 1408 00 02	10



Central plate for FCC socket outlet

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

- for 1gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A 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	1468 02	10
polar white glossy	1468 09	10
brown glossy	# 1468 01	10



Centre plate for FCC socket outlet 2gang

- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- with 45° oblique outlet

Suitable for	Order no.	Page
FCC socket outlets 2gang		page 101

Design	Order no.	PU
white glossy	# 1409 00 02	10
polar white glossy	# 1409 00 69	10
brown glossy	# 1409 00 01	10
light bronze matt, aluminium lacquered	# 1410 00 01	10
Stainless steel, metal matt finish	# 1410 00 04	10
gold matt, aluminium anodised	# 1410 00 02	10



Central plate for FCC socket outlet 2gang

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

- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- with 45° oblique outlet
- labelling field latchable

Suitable for	Order no.	Page
FCC socket outlets 2gang		page 101
Intermediate rings		page 301
Design	Order no.	PU
white glossy	1469 02	10
polar white glossy	1469 09	10
brown glossy	# 1469 01	10

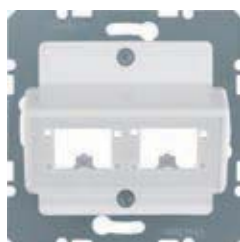


Central plate for 3 MINI-COM modules

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

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- labelling field latchable
- for Mini-Com dummy modules 1gang

Suitable for	Order no.	Page
Multimedia modules		page 402
Intermediate rings		page 301
Design	Order no.	PU
white glossy	1427 02	10
polar white glossy	1427 09	10



Central plate for Reichle&De-Massari single modules

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

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

Suitable for	Order no.	Page
Intermediate rings		page 301
Design	Order no.	PU
white glossy	1472 02	10
polar white glossy	1472 09	10



Central plate for Reichle&De-Massari double module

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

For 1gang modules, the 1port DIN connection box with straight outlet and centre plate 50 x 50 mm of makes IBM no. 51H8234 or Reichle + De Massari no. R 825857 can be used.

- with 30° oblique outlet
- for fibre-optic modules
- for connecting modules RJ45 cat.5e and cat.6
- labelling field latchable

Suitable for	Order no.	Page
Intermediate rings		page 301
Design	Order no.	PU
white glossy	1461 02	10
polar white glossy	1461 09	10



Central plate 2gang for AMP jacks

Indexing dimension (W x H) ≈ 14.7 x 20.7 mm

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

- with 30° oblique outlet
- for AMP fibre-optic couplings MT-RJ jacks
- for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6
- labelling field latchable

Suitable for	Order no.	Page
Intermediate rings		page 301
Design	Order no.	PU
white glossy	1463 02	10
polar white glossy	1463 09	10



Central plate 2gang for Krone jacks

Indexing dimension (W x H) ≈ 14.7 x 19.4 mm

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

- with 30° oblique outlet
- for 3M fibre-optic couplings Volition
- for Krone fibre-optic couplings MT-RJ jacks
- for Krone modular jacks cat.5, cat.5e and cat.6

Design	Suitable for Intermediate rings	Order no.	Page page 301
white glossy	Order no.		PU
polar white glossy		1464 02	10
		1464 09	10



Centre plate with 2 dust protection sliders

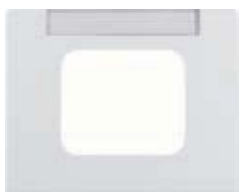
- labelling field



- for supporting plates with coloured mounting devices, 2gang, order no. 4541 ..and 454202 see "Communication/multimedia technology"

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	# 1182 00 02	10
polar white glossy	# 1182 00 69	10
brown glossy	# 1182 00 01	10
light bronze matt, lacquered	# 1182 90 11	10
stainless steel matt, lacquered	# 1182 90 04	10



Centre plate for AMP-ACO

- labelling field



- cat.5, cat.6 and cat.7

Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
white glossy	# 1177 00 02	10
polar white glossy	# 1177 00 69	10
brown glossy	# 1177 00 01	10
light bronze matt, lacquered	# 1177 90 11	10
stainless steel matt, lacquered	# 1177 90 04	10



Central plate for fibre-optic couplings Simplex ST

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

- with 30° oblique outlet
- for 2 fibre-optic couplings

Design	Suitable for Intermediate rings	Order no.	Page page 301
white glossy, 2gang	Order no.		PU
polar white glossy, 2gang		1492 02	10
		1492 09	10



Central plate for fibre-optic couplings Duplex SC

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

- with 30° oblique outlet
- for 1 or 2 fibre-optic couplings
- 1 knock out opening

Design	Suitable for Intermediate rings	Order no.	Page page 301
white glossy	Order no.		PU
polar white glossy		1480 02	10
		1480 09	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
optional		
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



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



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



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



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	10
brown glossy	# 1108 01 01	10
light bronze matt, lacquered	# 1108 91 11	10
stainless steel matt, lacquered	# 1108 91 04	10

Covers Audio



Centre plate for loudspeaker socket outlet

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

- 1 knock out opening

Suitable for	Order no.	Page
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 ¹⁾	# 33 1541 00 02	10
polar white glossy ¹⁾	# 33 1541 00 69	10
light bronze matt, lacquered ¹⁾	# 33 1541 90 11	10
stainless steel matt, lacquered ¹⁾	# 33 1541 90 04	10

¹⁾ for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²



Multimedia sockets



High definition socket outlet

i 467

Transmission rate

max. 8.16 GBit/s

Resolution

max. 1920 x 1080 px

- 19pole
- 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

Frequency range video

max. 160 MHz

- gold-plated contacts
- 1 cinch double jack for video connection (yellow)
- 2 cinch double jacks for audio connection (red, white)
- S-Video double jack

Design

Order no.

PU

white glossy	# 33 1532 00 02	10
polar white glossy	# 33 1532 00 69	10
light bronze matt, lacquered	# 33 1532 90 11	10
stainless steel matt, lacquered	# 33 1532 90 04	10



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

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~

Frequency

50/60 Hz

Frequency range (radio reception)

87.5 ... 108 MHz

Dimensions of display (W x H)

35 x 28 mm

Conductor cross-section

max. 2.5 mm²

Insertion depth

33 mm

- operation via sensor areas of the touch display
- extension unit input for separate on/off switching
- illuminated touch graphics display
- time and date display
- external audio input, e.g. for MP3 player or docking station
- stereo FM radio with RDS display
- with screw terminals

At least one loudspeaker must be connected for operation.

Suitable for

Loudspeaker	
Ceiling loudspeaker Ø 140 mm	WUZ6 71
Ceiling loudspeaker Ø 80 mm	WUZ6 72

Order no.

Page 305

Design

Order no.

PU

polar white glossy	# 2884 00 69	1
stainless steel matt, lacquered	# 2884 00 04	1



Loudspeaker

Impedance
Conductor cross-section (flexible)
Insertion depth
Pre-assembled cable

4 Ω
0.5 mm²
35 mm
≈ 25 cm
– confectioned, with 2-core, double-insulated, flexible cable
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

Suitable for

Covers and push-buttons
LED lamp E10
Neon lamp E10
Push-button/pilot lamp E10, NO contact

Order no.

5101 ..

Page
page 53
page 53
page 53
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



Cut-out Ø

27.2 mm

– centre plate for plug-in fixing

Suitable for

Covers and push-buttons
LED lamp E10
Neon lamp E10
Push-button/pilot lamp E10, NO contact

Order no.

5101 ..

Page
page 53
page 53
page 53
51

Design

Order no.

PU

white glossy

1165 00 02

10

polar white glossy

1165 00 69

10

brown glossy

1165 00 01

10



Centre plate for pilot lamp E14

Suitable for
Pilot lamp E14

Order no.
5131 02

Page
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.

Suitable for

Push-button/pilot lamp E10, NO contact

Order no.
5101 ..

Page
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

without spreader claws

white glossy	# 1045 00 02	20
polar white glossy	# 1045 00 69	20
brown glossy	# 1045 00 01	20
light bronze matt, aluminium lacquered	# 1044 00 01	20
Stainless steel, metal matt finish	# 1044 00 04	20
gold matt, aluminium anodised	# 1044 00 02	20

with base and spreader claws

white glossy	# 67 1045 00 02	10
polar white glossy	# 67 1045 00 69	10
brown glossy	# 67 1045 00 01	10
light bronze matt, aluminium lacquered	# 67 1044 00 01	10
Stainless steel, metal matt finish	# 67 1044 00 04	10



Blind plug with centre plate, screw-on

- on supporting plate with large cut-out
- with cover plug for screw fitting
- without spreader claws
- for customised cut-outs or holes when installing special solutions
- space-saving for relays, etc.

Design

Order no.

PU

white glossy	# 1045 01 02	20
polar white glossy	# 1045 01 69	20
brown glossy	# 1045 01 01	20



Centre plate for cable outlet

Suitable for	Order no.	Page
Cable outlet with low installation depth	4468	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



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 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.
1061

Page
page 301
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.
1061

Page
page 301
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
Suitable for optional Sealing ring for wall-tight installation of flush-mounted devices		
		page 307
Design	Order no.	PU
Stainless steel, metal matt finish, 1gang	# 1314 00 04	10
Stainless steel, metal matt finish, 2gang vertical	# 1324 00 04	2
Stainless steel, metal matt finish, 3gang vertical	# 1334 00 04	2
Stainless steel, metal matt finish, 4gang vertical	# 1344 00 04	2
Stainless steel, metal matt finish, 5gang vertical	# 1354 00 04	2
Stainless steel, metal matt finish, 2gang horizontal	# 1364 00 04	2
Stainless steel, metal matt finish, 3gang horizontal	# 1374 00 04	2
Stainless steel, metal matt finish, 4gang horizontal	# 1384 00 04	2
Stainless steel, metal matt finish, 5gang horizontal	# 1394 00 04	2



Frame

i 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	Order no.	Page
Surface-mounted frames		page 310

Design	Order no.	PU
white, 2gang	1021 22	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	Order no.	Page
Surface-mounted frames		page 310

Design	Order no.	PU
white, 3gang	1021 32	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

314



Frames

334



Socket outlets, Covers, Toggles, Central inserts

348



Frames

374



Sockets, covers,central inserts, frames

388



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 unmistakeable way.

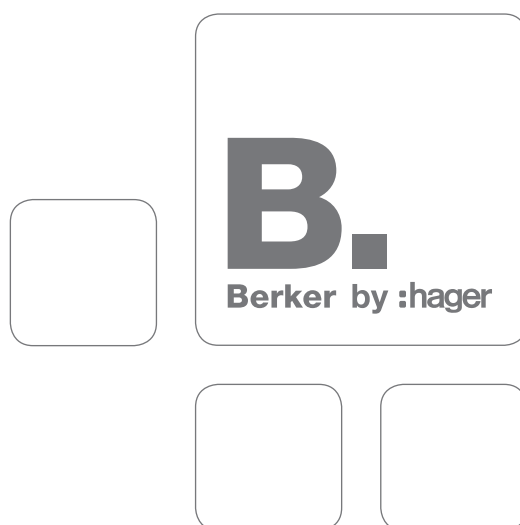
- The contemporary rediscovery of round switches
- The only switch programmes with fully round centre plates
- High-quality surface material: plastic in polar white/black (glass, aluminium or stainless steel of 3 mm thickness)
- Basic support made of 7 mm-thick plastic



Covers / Central inserts

Plastic, glossy
polar white similar to RAL 9010
black similar to RAL 9005

Schuko socket outlets	316
International socket outlet systems	319
Covers for switches/push-buttons	321
Berker.Net - Conventional electronics platform	324
Covers for dimmers	326
Covers for blind switches/push-buttons	326
Communication/multimedia technology	327
Pilot lamps	329
Supplementary products	331
Hotel applications	331
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
Rated current

250 V~ - with plug-in terminals
16 A

i 474



Design

polar white glossy
black glossy

Order no.

4743 20 89
4743 20 45

PU

10
10



SCHUKO socket outlet

- enhanced contact protection

- with plug-in terminals

i 474



Rated voltage
Rated current

250 V~
16 A

Design

polar white glossy
black glossy

Order no.

4723 20 89
4723 20 45

PU

10
10



SCHUKO socket outlet

- screw-in lift terminals

- with screw-in lift terminals

i 474



Rated voltage
Rated current

250 V~
16 A

Design

polar white glossy
black glossy

Order no.

4143 20 89
4143 20 45

PU

10
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

polar white glossy
black glossy

Order no.

4123 20 89
4123 20 45

PU

10
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	4727 20 89	10
black glossy	4727 20 45	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	4109 20 89	10
black glossy	4109 20 45	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	4110 20 89	10
black glossy	4110 20 45	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.1		
polar white glossy	4728 20 89	10
black glossy	4728 20 45	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	4729 20 89	10
black glossy	4729 20 45	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	4753 70 09	10
black glossy	4753 70 05	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	4720 20 89	5
black glossy	4720 20 45	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~	Suitable for optional	Order no.	Page
Rated current	16 A	Sealing set for socket outlets/centre plates	1010 76 00	331

Design	Order no.	PU
polar white glossy	4751 20 89	10
black glossy	4751 20 45	10





SCHUKO socket outlet with hinged cover

i 474

- enhanced contact protection
- installation position variable in 45° steps



Rated voltage
Rated current

250 V~
16 A

- with self-closing hinged covers
- mounting orientation of insert selectable in 45° steps
- with plug-in terminals

Specially suited to combinations of several socket outlets if right angle plugs are used.

Design	Order no.	PU
polar white glossy	4744 20 89	10
black glossy	4744 20 45	10



SCHUKO socket outlets for special applications



SCHUKO socket outlet with imprint

i 474

Rated voltage
Rated current

250 V~
16 A

- with plug-in terminals

Insert colour-coded.

Design	Order no.	PU
red glossy, imprint "EDV"	4743 20 22	10
green glossy, imprint "SV"	4743 20 03	10
orange glossy, imprint "ZSV"	4743 20 07	10



SCHUKO socket outlet with control LED and imprint

i 474

- enhanced contact protection
- screw-in lift terminals

- with screw-in lift terminals



Rated voltage
Rated current

250 V~
16 A

Design	Order no.	PU
red glossy, imprint "EDV"	4110 20 22	10
green glossy, imprint "SV"	4110 20 03	10
orange glossy, imprint "ZSV"	4110 20 07	10



International socket outlet systems

- 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
Rated current
Mirror depth

250 V~
16 A
8 mm

- 2pole
- without spreader claws
- with plug-in terminals

Design	Order no.	PU
polar white glossy	61 6703 20 89	10
black glossy	61 6703 20 45	10



Socket outlets with earthing pin



Socket outlet with earthing pin

- enhanced contact protection



Rated voltage

250 V~

Rated current

16 A

- 2pole + earth
- with plug-in terminals

i 474

Design

Order no.

PU

polar white glossy

67 6876 20 89

10

black glossy

67 6876 20 45

10



Socket outlet with earthing pin

- enhanced contact protection
- screw-in lift terminals



Rated voltage

250 V~

Rated current

16 A

- 2pole + earth
- with screw-in lift terminals

i 474

Design

Order no.

PU

polar white glossy

67 6576 20 89

10

black glossy

67 6576 20 45

10



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

- 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

i 474

Caution!
Items with special flush-mounted insert.
Centre plates with LED orientation lights are not compatible with the standard socket outlets.

Design

Order no.

PU

polar white glossy

67 6510 20 89

10

black glossy

67 6510 20 45

10



Socket outlet with earth contact pin and monitoring LED

- enhanced contact protection
- screw-in lift terminals



Rated voltage

250 V~

Rated current

16 A

- 2pole + earth
- with screw-in lift terminals

i 474

Design

Order no.

PU

polar white glossy

67 6509 20 89

10

black glossy

67 6509 20 45

10





Socket outlet with earthing pin and hinged cover

i 474

- enhanced contact protection
- screw-in lift terminals



Rated voltage 250 V~
Rated current 16 A
Mirror depth 14.5 mm

- with self-closing hinged covers
- 2pole + earth
- with screw-in lift terminals

Suitable for optional	Order no.	Page
Sealing set for socket outlets/centre plates	1010 76 00	331

Design	Order no.	PU
polar white glossy	67 6583 20 89	10
black glossy	67 6583 20 45	10

Socket outlets with earthing pin for special applications



Socket outlet with earth contact pin

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
red glossy	67 6576 20 22	10
green glossy	67 6576 20 03	10
orange glossy	67 6576 20 07	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

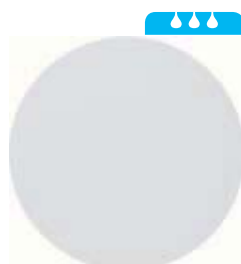
Insert colour-coded.

Design	Order no.	PU
red glossy	67 6509 20 22	10
green glossy	67 6509 20 03	10
orange glossy	67 6509 20 07	10

Covers for switches/push-buttons

Rockers

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.



Rocker

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

Suitable for	Order no.	Page
Rocker switches		page 20
Rocker push-buttons		page 20
optional		
Sealing set for switches/push-buttons	1010 77 00	331

Design	Order no.	PU
polar white glossy	1620 20 89	10
black glossy	1620 20 45	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
optional		
Sealing set for switches/push-buttons	1010 77 00	331
Order no.		PU
	1620 20 79	10
	1620 20 35	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
optional		
Sealing set for switches/push-buttons	1010 77 00	331
Order no.		PU
	1620 20 69	10
	1620 20 25	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
optional		
Sealing set for switches/push-buttons	1010 77 00	331
Order no.		PU
	1620 20 59	10
	1620 20 15	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
optional		
Sealing set for switches/push-buttons	1010 77 00	331
Order no.		PU
	1621 20 89	10
	1621 20 45	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
optional		
Sealing set for switches/push-buttons	1010 77 00	331
Order no.		PU
	1621 20 79	10
	1621 20 35	10

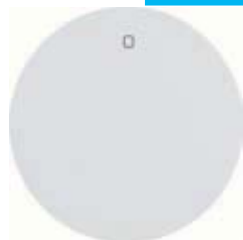
Rockers for multi-pole rocker switches



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 77 00.



Rocker with imprint "0"



Design

polar white glossy

black glossy

Suitable for
Multi-pole rocker switches
optional
Sealing set for switches/push-buttons

Order no.

1010 77 00

Page
page 25
331

Order no.

1622 20 89

1622 20 45

PU

10

10



Rocker with imprint "0"

- 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: group push-button, 1gang

Suitable for
Multi-pole rocker switches
optional
Sealing set for switches/push-buttons

Order no.

1010 77 00

Page
page 25
331

Design

polar white glossy

black glossy

Order no.

1624 20 89

1624 20 45

PU

10

10

Multiple Rockers

Rocker 2gang



Design

polar white glossy

black glossy

- 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.

1623 20 89

1623 20 45

PU

10

10

Rocker 2gang

- clear lens



- 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

Design

polar white glossy

black glossy

Order no.

1627 20 89

1627 20 45

PU

10

10

Rocker 3gang



Suitable for
On/off switch 3gang

Order no.
6330 23

Page
30

Design

polar white glossy

black glossy

Order no.

1665 20 89

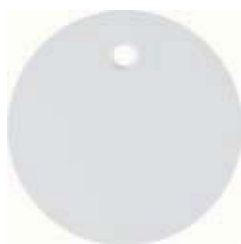
1665 20 45

PU

10

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	1146 20 89	10
black glossy	1146 20 45	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	8514 11 39	1
black glossy	8514 11 31	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	8514 21 39	1
black glossy	8514 21 31	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
Nominal mounting height 1.1 m		
polar white glossy	8534 12 39	1
black glossy	8534 12 31	1
Nominal mounting height 2.2 m		
polar white glossy	8534 22 39	1
black glossy	8534 22 31	1





Motion detector

i 468

Delay time ≈ 180 s
Response brightness, adjustable $\approx 5 \dots 1000$ lx, ∞ lx (day)

- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- with button for on/off/automatic
- low intrinsic energy requirement

Suitable for Inserts **Order no.** **Page**
page 68

Design

Order no. PU

Nominal mounting height 1.1 m

polar white glossy	8534 11 39	1
black glossy	8534 11 31	1

Nominal mounting height 2.2 m

polar white glossy	8534 21 39	1
black glossy	8534 21 31	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 ≈ 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

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**
Blind insert comfort 8522 11 00 91
8522 11 01 362

Design

Order no. PU

polar white glossy	8524 11 39	1
black glossy	8524 11 31	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 ≈ 250 ms
Running time 2 min
Astronomic time shift ± 2 h
Random number generator ± 15 min
Power reserve ≈ 24 h
Number of operation times for up/down 20

- 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 Blind insert comfort **Order no.** **Page**
Blind insert comfort 8522 11 00 91
8522 11 01 362

Design

Order no. PU

polar white glossy	8574 11 39	1
black glossy	8574 11 31	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



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

Design

polar white glossy

Order no.

1137 20 89

PU

10

black glossy

1137 20 45

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.

5034 04

Page

page 84

Design

polar white glossy

Order no.

1625 20 89

PU

10

black glossy

1625 20 45

10

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

polar white glossy

Order no.

1644 20 89

PU

10

black glossy

1644 20 45

10

Centre plates for rotary switches for blinds



Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the sealing set, order no. 1010 76 00.



Centre plate with rotary knob for rotary switch for blinds

- 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

Design

polar white glossy

Order no.

1080 20 89

PU

1

black glossy

1080 20 45

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	1038 20 89	10
black glossy	1038 20 45	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_A iso
- for WLAN access-points
- with 45° oblique outlet

Design	Order no.	Page
polar white glossy	1407 20 89	10
black glossy	1407 20 45	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_A iso
- with 45° oblique outlet

Design	Order no.	Page
polar white glossy	1409 20 89	10
black glossy	1409 20 45	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	1170 20 89	10
black glossy	1170 20 45	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	1181 20 89	10
black glossy	1181 20 45	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

Aerial socket 2hole single box
Aerial socket 2hole throughpass socket
Aerial socket 3hole single box

Order no.

4502 10
4515 ..
4522 10

Page

113
113
113

Order no.

1203 20 89

1203 20 45

PU

10

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

Order no.

1484 20 89

1484 20 45

PU

10

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.

1432 20 89

1432 20 45

1432 20 06

PU

10

10

10

Covers Audio



Centre plate for loudspeaker socket outlet

– 1 knock out opening

Design

polar white glossy

black glossy

Suitable for

Entry for small connector
Loudspeaker socket outlet High End

Order no.

4505
4505 02

Page

123
123

Order no.

1196 20 89

1196 20 45

PU

10

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 ¹⁾

black glossy ¹⁾

Order no.

33 1540 20 89

33 1540 20 45

33 1541 20 89

33 1541 20 45

PU

10

10

10

10



¹⁾ for connection to a 15-core VGA cable, conductor cross-section (rigid) max. 1.5 mm²

Multimedia sockets



High definition socket outlet

i 467

Transmission rate
Resolution

max. 8.16 GBit/s
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

33 1542 20 89

10

black glossy

33 1542 20 45

10

back side, with 90° angle socket

polar white glossy

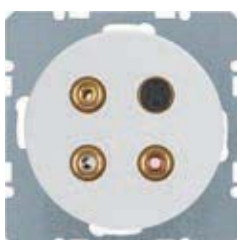
33 1543 20 89

10

black glossy

33 1543 20 45

10



3 x Cinch/S-Video socket outlet

i 467

Frequency range audio
Frequency range video

20 ... 20000 Hz
max. 160 MHz

- gold-plated contacts
- 1 cinch double jack for video connection (yellow)
- 2 cinch double jacks for audio connection (red, white)
- S-Video double jack

Design

Order no.

PU

polar white glossy

33 1532 20 89

10

black glossy

33 1532 20 45

10



USB/3.5 mm audio socket outlet

i 467

USB transmission rate
Frequency range audio

max. 480 Mbit/s
20 ... 20000 Hz

- double jack gold-plated 3.5 mm, stereo
- USB double jack type A, USB 2.0 capable

Design

Order no.

PU

polar white glossy

33 1539 20 89

10

black glossy

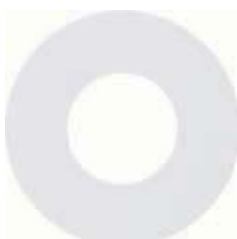
33 1539 20 45

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
Covers and push-buttons
LED lamp E10
Neon lamp E10
Push-button/pilot lamp E10, NO contact

Order no.

Page
page 53
page 53
page 53

5101 ..

Design

Order no.

PU

polar white glossy

1124 20 89

10

black glossy

1124 20 45

10



Centre plate for pilot lamp E14

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



Design

polar white glossy

black glossy

Suitable for
Covers and push-buttons

LED lamp E14

Incandescent lamp E14

Pilot lamp E14

optional

Sealing set for socket outlets/centre plates

Order no.

5131 02

1010 76 00

Page

page 53

page 53

page 53

52

331

Order no.

PU

1198 20 89

10

1198 20 45

10

LED signal lights

New

LED signal light, white lighting

i 451

Rated voltage

230 V~

Frequency

50/60 Hz

Power consumption

at 230 ~, 50 Hz - max. 1 W

Quantity LED lamps

4

Ambient temperature

-15 ... +40 °C

Conductor cross-section

2.5 mm²

- Brightness modifiable via potentiometer

- Light colour cold white

- switchable via separate switch

- for signalling notices, information or warnings

- Foils with imprint of symbols insertable

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

Suitable for optional

Foil for round LED signal light

Order no.

Page

page 50

Design

Order no.

PU

polar white glossy

★ **2953 20 89**

1

black glossy

★ **2953 20 45**

1

New

LED signal light, RGB

i 451

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 mm²

- 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

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

Suitable for optional

Foil for round LED signal light

Order no.

Page

page 50

Design

Order no.

PU

polar white glossy

★ **2951 20 89**

1

black glossy

★ **2951 20 45**

1

New

LED signal light, red/green lighting

i 451

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 mm²

- 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

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

Suitable for optional

Foil bi-colour for round LED signal light

Order no.

Page

page 51

Design

Order no.

PU

polar white glossy

★ **2952 20 89**

1

black glossy

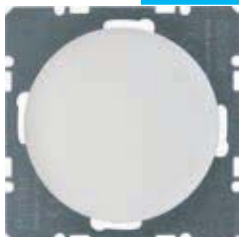
★ **2952 20 45**

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	1009 20 89	20
black glossy	1009 20 45	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	1010 76 00	1

Sealing set for switches/push-buttons



- also for KNX applications: push-button, 1gang, and group push-button, 1gang
- with IP44 fixing piece to screw on

Suitable for	Order no.	Page
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	1010 77 00	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 φ = 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	1640 20 89	1
black glossy	1640 20 45	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	4744 20 79	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
optional		
Sealing set for switches/push-buttons	1010 77 00	331

Design	Order no.	PU
polar white glossy	1661 20 49	10



Rocker for barrier-free construction

- tactile light symbol
- clear lens

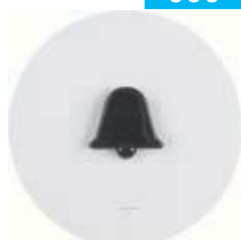


The IP44 degree of protection can only be achieved in conjunction with the appropriate neon, incandescent or LED lamp unit, as well as a sealing set for switches/push-buttons.

- 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
optional		
Sealing set for switches/push-buttons	1010 77 00	331

Design	Order no.	PU
polar white glossy	1651 20 49	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
optional		
Sealing set for switches/push-buttons	1010 77 00	331

Design	Order no.	PU
polar white glossy	1651 20 89	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
optional		
Sealing set for switches/push-buttons	1010 77 00	331

Design	Order no.	PU
polar white glossy	1651 20 69	10

Berker R.1

It stands unmistakably in the tradition of great switch programmes. And still, the Berker R.1 interprets the round radius anew in its own way. With its soft frame contour and a variety of functional versions, the soft round switch is an ideal accompaniment for all residential and furnishing projects.

- Great novelty in the tradition of major switch programmes
- Soft frame contour, wide range of function variants
- High-quality surface material: plastic in polar white/black (glass, aluminium or stainless steel of 3 mm thickness)
- Basic support made of 7 mm-thick plastic



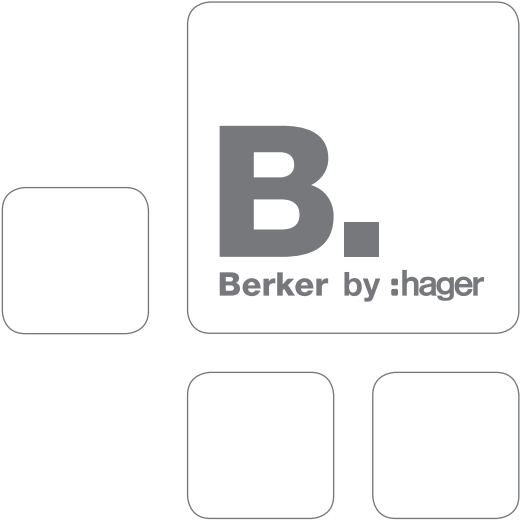
reddot design award
winner 2013

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

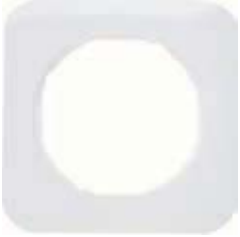
Metal
aluminium, natural anodised
stainless steel, matt finish



Frames



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

Frame			i	480
		– for vertical and horizontal mounting		
		Suitable for optional Sealings IP44	Order no.	Page
	Design	Order no.		PU
	polar white glossy, 1gang	1011 21 89		10
	polar white glossy, 2gang	1012 21 89		2
	polar white glossy, 3gang	1013 21 89		2
		– for vertical and horizontal mounting		
		Suitable for optional Sealings IP44	Order no.	Page
	Design	Order no.		PU
	black glossy, 1gang	1011 21 45		10
	black glossy, 2gang	1012 21 45		2
	black glossy, 3gang	1013 21 45		10
		– for vertical and horizontal mounting		
		Suitable for optional Sealings IP44	Order no.	Page
	Design	Order no.		PU
	Aluminium/polar white, 1gang	1011 21 74		10
	Aluminium/polar white, 2gang	1012 21 74		10
	Aluminium/polar white, 3gang	1013 21 74		10
		– for vertical and horizontal mounting		
		Suitable for optional Sealings IP44	Order no.	Page
	Design	Order no.		PU
	Aluminium/black, 1gang	1011 21 84		10
	Aluminium/black, 2gang	1012 21 84		10
	Aluminium/black, 3gang	1013 21 84		10



Frame

i 480

– for vertical and horizontal mounting

Design	Suitable for optional Sealings IP44	Order no.	Page
			page 331
			PU
Stainless steel/polar white, 1gang	1011 21 14		10
Stainless steel/polar white, 2gang	1012 21 14		10
Stainless steel/polar white, 3gang	1013 21 14		10
Stainless steel/polar white, 4gang	1014 21 14		2
Stainless steel/polar white, 5gang	1015 21 14		2



Frame

i 480

– for vertical and horizontal mounting

Design	Suitable for optional Sealings IP44	Order no.	Page
			page 331
			PU
Stainless steel/black, 1gang	1011 21 04		10
Stainless steel/black, 2gang	1012 21 04		10
Stainless steel/black, 3gang	1013 21 04		10
Stainless steel/black, 4gang	1014 21 04		2
Stainless steel/black, 5gang	1015 21 04		2



Frame

i 480

– for vertical and horizontal mounting

Design	Suitable for optional Sealings IP44	Order no.	Page
			page 331
			PU
glass polar white, 1gang	1011 21 09		10
glass polar white, 2gang	1012 21 09		5
glass polar white, 3gang	1013 21 09		5
glass polar white, 4gang	1014 21 09		1
glass polar white, 5gang	1015 21 09		1

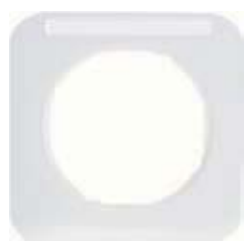


Frame

i 480

– for vertical and horizontal mounting

Design	Suitable for optional Sealings IP44	Order no.	Page
			page 331
			PU
glass black, 1gang	1011 21 16		10
glass black, 2gang	1012 21 16		5
glass black, 3gang	1013 21 16		5
glass black, 4gang	1014 21 16		1
glass black, 5gang	1015 21 16		1



Frame

– labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white glossy, 1gang	1011 21 79	10
polar white glossy, 2gang vertical	1012 21 69	2
polar white glossy, 3gang vertical	1013 21 69	2
polar white glossy, 2gang horizontal	1012 21 79	2
polar white glossy, 3gang horizontal	1013 21 79	2



Frame

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
black glossy, 1gang	1011 21 35	10
black glossy, 2gang vertical	1012 21 25	2
black glossy, 3gang vertical	1013 21 25	2
black glossy, 2gang horizontal	1012 21 35	2
black glossy, 3gang horizontal	1013 21 35	2

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	1011 23 89	1
anthracite/polar white glossy, natural slate, 2gang	1012 23 89	1
anthracite/polar white glossy, natural slate, 3gang	1013 23 89	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	1011 23 84	1
anthracite/black glossy, natural slate, 2gang	1012 23 84	1
anthracite/black glossy, natural slate, 3gang	1013 23 84	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	1011 23 79	1
grey/polar white glossy, grounded concrete, 2gang	1012 23 79	1
grey/polar white glossy, grounded concrete, 3gang	1013 23 79	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	1011 23 74	1
grey/black glossy, grounded concrete, 2gang	1012 23 74	1
grey/black glossy, grounded concrete, 3gang	1013 23 74	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	1011 23 69	1
brown/polar white glossy, embossed leather, 2gang	1012 23 69	1
brown/polar white glossy, embossed leather, 3gang	1013 23 69	1
brown/polar white glossy, embossed leather, 4gang	1014 23 69	1
brown/polar white glossy, embossed leather, 5gang	1015 23 69	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	1011 23 64	1
brown/black glossy, embossed leather, 2gang	1012 23 64	1
brown/black glossy, embossed leather, 3gang	1013 23 64	1
brown/black glossy, embossed leather, 4gang	1014 23 64	1
brown/black glossy, embossed leather, 5gang	1015 23 64	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	1011 23 59	1
oak/polar white glossy, stained wood, 2gang	1012 23 59	1
oak/polar white glossy, stained wood, 3gang	1013 23 59	1
oak/polar white glossy, stained wood, 4gang	1014 23 59	1
oak/polar white glossy, stained wood, 5gang	1015 23 59	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	1011 23 54	1
oak/black glossy, stained wood, 2gang	1012 23 54	1
oak/black glossy, stained wood, 3gang	1013 23 54	1
oak/black glossy, stained wood, 4gang	1014 23 54	1
oak/black glossy, stained wood, 5gang	1015 23 54	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	1011 23 49	1
red transparent/polar white glossy, acrylic, 2gang	1012 23 49	1
red transparent/polar white glossy, acrylic, 3gang	1013 23 49	1
red transparent/polar white glossy, acrylic, 4gang	1014 23 49	1
red transparent/polar white glossy, acrylic, 5gang	1015 23 49	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	1011 23 44	1
red transparent/black glossy, acrylic, 2gang	1012 23 44	1
red transparent/black glossy, acrylic, 3gang	1013 23 44	1
red transparent/black glossy, acrylic, 4gang	1014 23 44	1
red transparent/black glossy, acrylic, 5gang	1015 23 44	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	1011 23 39	1
orange transparent/polar white glossy, acrylic, 2gang	1012 23 39	1
orange transparent/polar white glossy, acrylic, 3gang	1013 23 39	1
orange transparent/polar white glossy, acrylic, 4gang	1014 23 39	1
orange transparent/polar white glossy, acrylic, 5gang	1015 23 39	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/black glossy, acrylic, 1gang	1011 23 34	1
orange transparent/black glossy, acrylic, 2gang	1012 23 34	1
orange transparent/black glossy, acrylic, 3gang	1013 23 34	1
orange transparent/black glossy, acrylic, 4gang	1014 23 34	1
orange transparent/black glossy, acrylic, 5gang	1015 23 34	1

R.1/R.3
Frames

Berker R.3

The Berker R.3 celebrates the power of contrast: we combine circular centre plates with a continuously cornered frame. Superb side-effect: The Berker R.3 is ideally suited for installation in wall ducts.

- Exciting design (square frame, round centre plates)
- Ideal for installation in wall ducts
- High-quality surface material: plastic in polar white/black (glass, aluminium or stainless steel of 3 mm thickness)
- Basic support made of 7 mm-thick plastic



Frames

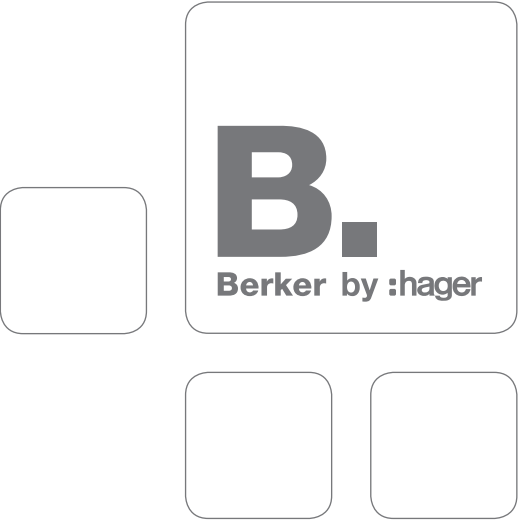
Plastic, glossy
polar white similar to RAL 9010
black similar to RAL 9005

Glass
polar white similar to RAL 9010
black similar to RAL 9005

Metal
aluminium, natural anodised
stainless steel, matt finish

Frames	344

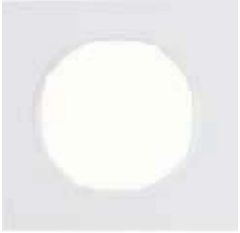
Surface-mounted housings	346

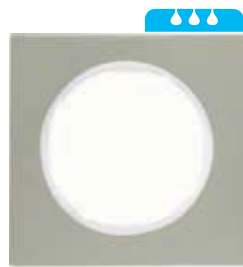


Frames



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

	Frame		480
		– for vertical and horizontal mounting	
		Suitable for optional Sealings IP44	Order no. Page
	Design	Order no.	PU
	polar white glossy, 1gang	1011 22 89	10
	polar white glossy, 2gang	1012 22 89	2
	Frame		480
		– for vertical and horizontal mounting	
		Suitable for optional Sealings IP44	Order no. Page
	Design	Order no.	PU
	black glossy, 1gang	1011 22 45	10
	black glossy, 2gang	1012 22 45	2
	Frame		480
		– for vertical and horizontal mounting	
		Suitable for optional Sealings IP44	Order no. Page
	Design	Order no.	PU
	Aluminium/polar white , 1gang	1011 22 74	10
	Aluminium/polar white, 2gang	1012 22 74	10
	Frame		480
		– for vertical and horizontal mounting	
		Suitable for optional Sealings IP44	Order no. Page
	Design	Order no.	PU
	Aluminium/black, 1gang	1011 22 84	10
	Aluminium/black, 2gang	1012 22 84	10



Frame

– for vertical and horizontal mounting

480

Design	Suitable for optional Sealings IP44	Order no.	Page
			page 331
			PU
Stainless steel/polar white, 1gang		1011 22 14	10
Stainless steel/polar white, 2gang		1012 22 14	10
Stainless steel/polar white, 3gang		1013 22 14	10
Stainless steel/polar white, 4gang		1014 22 14	2
Stainless steel/polar white, 5gang		1015 22 14	2



Frame

– for vertical and horizontal mounting

480

Design	Suitable for optional Sealings IP44	Order no.	Page
			page 331
			PU
Stainless steel/black, 1gang		1011 22 04	10
Stainless steel/black, 2gang		1012 22 04	10
Stainless steel/black, 3gang		1013 22 04	10
Stainless steel/black, 4gang		1014 22 04	2
Stainless steel/black, 5gang		1015 22 04	2



Frame

– for vertical and horizontal mounting

480

Design	Suitable for optional Sealings IP44	Order no.	Page
			page 331
			PU
glass polar white, 1gang		1011 22 09	10
glass polar white, 2gang		1012 22 09	5
glass polar white, 3gang		1013 22 09	5
glass polar white, 4gang		1014 22 09	1
glass polar white, 5gang		1015 22 09	1

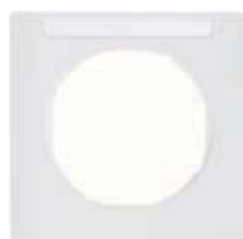


Frame

– for vertical and horizontal mounting

480

Design	Suitable for optional Sealings IP44	Order no.	Page
			page 331
			PU
glass black, 1gang		1011 22 16	10
glass black, 2gang		1012 22 16	5
glass black, 3gang		1013 22 16	5
glass black, 4gang		1014 22 16	1
glass black, 5gang		1015 22 16	1



Frame

– labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
polar white glossy, 1gang	1011 22 79	10
polar white glossy, 2gang vertical	1012 22 69	2
polar white glossy, 3gang vertical	1013 22 69	2
polar white glossy, 2gang horizontal	1012 22 79	2
polar white glossy, 3gang horizontal	1013 22 79	2



Frame

- labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
black glossy, 1gang	1011 22 35	10
black glossy, 2gang vertical	1012 22 25	2
black glossy, 3gang vertical	1013 22 25	2
black glossy, 2gang horizontal	1012 22 35	2
black glossy, 3gang horizontal	1013 22 35	2

Surface-mounted housings



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	1041 89 89	10
polar white glossy, 2gang	1042 89 89	5
polar white glossy, 3gang	1043 89 89	5
black glossy, 1gang	1041 89 35	10
black glossy, 2gang	1042 89 35	5
black glossy, 3gang	1043 89 35	5

Serie 1930 / Glas / 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

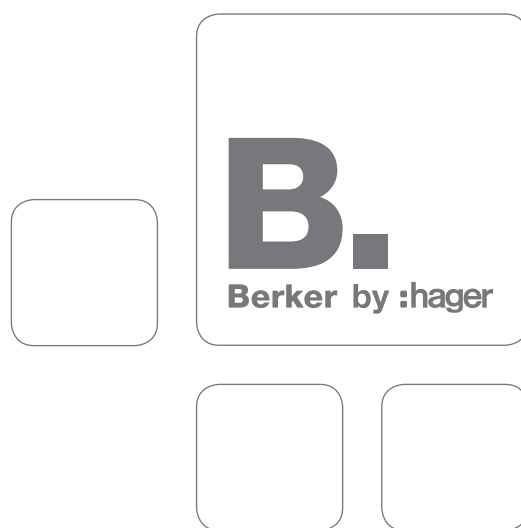
Metal toggle
brass, clear vanished
brass, chrome-plated

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
International socket outlet systems	351
Switches/push-buttons	352
Rotary dimmers	355
Berker.Net - lighting control	356
Berker.Net - motion detectors	358
Blind switches/push-buttons	361
Berker.Net - blind control	362
Communication/multimedia technology	363
USB Charging socket outlets	371
Pilot lamps	371
Hotel applications	372
Supplementary products	372



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

4745 20

10

black glossy

4745 21

10

Berker Serie R.classic

polar white glossy

4745 20 89

10

black glossy

4745 20 45

10



SCHUKO socket outlet

i 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

4755

10

black glossy

4755 01

10

Berker Serie R.classic

polar white glossy

4755 20 89

10

black glossy

4755 20 45

10



SCHUKO socket outlet

i 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

4145 20

10

black glossy

4145 21

10

Berker Serie R.classic

polar white glossy

4145 20 89

10

black glossy

4145 20 45

10





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
Berker Serie 1930/R.classic		
polar white glossy	4109 20 89	10
black glossy	4109 20 45	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
Berker Serie 1930/R.classic		
polar white glossy	4744 20 89	10
black glossy	4744 20 45	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
Berker Serie 1930/Glas		
polar white glossy	6768 79	10
black glossy	6768 79 01	10
Berker Serie R.classic		
polar white glossy	67 6879 20 89	10
black glossy	67 6879 20 45	10





Socket outlet with earthing pin

- installation position variable in 45° steps
- enhanced contact protection
- screw-in lift terminals



Rated voltage
Rated current

250 V~
16 A

- 2pole + earth
- with screw-in lift terminals

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
Switching current

250 V~
10 AX

- with screw terminals

Switching sequence e.g. for clockwise series switch:
0 > 1 > 1+2 > 2 > 0

Design

Order no.

PU

Rotary switch, change-over

3876 00

1

Rotary switch, intermediate

3877 00

1

Rotary switch, series

3875 00

1



Rotary switch, 2pole off

Rated voltage
Switching current

250 V~
10 AX

- with screw terminals

Design

Order no.

PU

Rotary switch, 2pole off

3893 00

1



Spring-return push-buttons



Spring-return push-button, change-over contact

Rated voltage
Momentary-contact current

250 V~
10 A

- with screw terminals

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



Rated voltage

250 V~

Momentary-contact current

10 A

Without centre plate also suitable for mounting with glass and decor cover plates.

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



Design

Order no.

PU

Group spring-return push-button 2pole, isolated input terminals

3838 00

1

Centre plates for switches/push-buttons



Centre plate with toggle

- for rotary switches and spring-return push-buttons
- of plastic

Design

Order no.

PU

Berker Serie 1930

polar white glossy

1647

1

black glossy

1647 01

1



Centre plate with toggle, porcelain

Centre plate of the Serie 1930 Porzellan Made by Rosenthal

- for rotary switches and spring-return push-buttons
- of porcelain

Design

Order no.

PU

Berker Serie 1930 Porzellan made by Rosenthal

polar white glossy

1647 69

1

black glossy

1647 65

1

Cover plates for switches/push-buttons



Glass cover plate for rotary switch/spring-return push-button

i 481

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

- toughened glass
- for single mounting
- with polar white plastic base

Special variant for hollow-wall mounting available on request.

Suitable for optional
Spacer gland

Order no.
1887

Page
373

Design

Order no.

PU

Berker Serie Glas

clear glossy

1090

10



Glass cover centre plate for rotary switch/spring-return push-button

i 481

Combinations are only to be installed in simple combi boxes.

- toughened glass
- for combination mounting
- with polar white plastic base

Special variant for hollow-wall mounting available on request.

Design

Order no.

PU

Berker Serie Glas

clear glossy

1095

10

	Glass cover end 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 Berker Serie Glas clear glossy	Order no. 1094	PU 10
	Chrome toggle	– for rotary switch/rotary push-button with toggle	
	Design Berker Serie Glas Brass, chrome-plated	Suitable for Rotary switches Spring-return push-buttons Order no. 1812 01	Page page 352 page 352 PU 1
	Brass toggle	– for rotary switch/rotary push-button with toggle	
	Design Berker Serie Glas Brass, clear varnished	Suitable for Rotary switches Spring-return push-buttons Order no. 1812	Page page 352 page 352 PU 1
	Cover plate with toggle for rotary switch/spring-return push-button	– 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.	Suitable for optional Spacer gland Order no. 1887	Page 373 PU
	Design Berker Serie R.classic polar white glossy black glossy	1001 20 89 1001 20 45	1 1
	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.	Suitable for optional Spacer gland Order no. 1887	Page 373 PU
	Design Berker Serie R.classic Aluminium/polar white, aluminium anodised Aluminium/black, aluminium anodised	1001 20 74 1001 20 84	1 1
	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.	Suitable for optional Spacer gland Order no. 1887	Page 373 PU
	Design Berker Serie R.classic Stainless steel/polar white, metal matt finish Stainless steel/black, metal matt finish	1001 20 14 1001 20 04	1 1



**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

Glass polar white

Glass black

Suitable for
optional
Spacer gland

Order no.
1887

Page
373

Order no.

PU

1001 20 83

1

1001 20 55

1

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

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

Do not connect conventional transformers
together with electronic transformers.

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

Suitable for
optional

Order no.

Page

Mains decoupler RMD

187 00

59

Mains decoupler comfort RMD

1 8799 01

58

Design

Order no.

PU

Berker Serie 1930/Glas

polar white glossy

2834 10

1

black glossy

2834 11

1

Berker Serie R.classic

polar white glossy

2834 20 89

1

black glossy

2834 20 45

1



Extension units insert for universal rotary dimmer

i 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

Order no.

PU

Berker Serie 1930/Glas

polar white glossy

2835 10

1

black glossy

2835 11

1

Berker Serie R.classic

polar white glossy

2835 20 89

1

black glossy

2835 20 45

1



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	Suitable for
- parallel compensated	1000 W	Making current limiter
- in Duo circuit	1000 W	Order no.
- with electronic ballast (EB)	1000 W	185
Compact fluorescent lamps with electronic ballast	22 x 20 W	Page
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 ²	
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 ²	
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

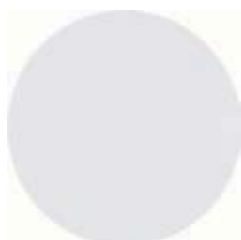
Operating voltage	230 V~	- low intrinsic energy requirement
Frequency	50/60 Hz	- automatic setting to dimmable loads (autoDetect process)
Dimmable 230 V retrofit LED lamps	5 ... 70 W	- phase cut-on or cut-off according to load type, self-learning
Dimmable energy-saving lamps	13 ... 80 W	- Optimisation 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 ²	
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	★ 8542 12 01	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

Suitable for	Order no.	Page
Inserts		page 356
optional		
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design	Order no.	PU
Berker Serie 1930/R.classic		
polar white glossy	8514 11 39	1
black glossy	8514 11 31	1



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	Suitable for
- parallel compensated	1000 W	Making current limiter
- in Duo circuit	1000 W	Order no.
- with electronic ballast (EB)	1000 W	185
Compact fluorescent lamps with electronic ballast	22 x 20 W	Page
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 ²	
Operating temperature	-5 ... +45 °C	
Housing installation depth	22 mm	
Claw guidance installation depth	32 mm	

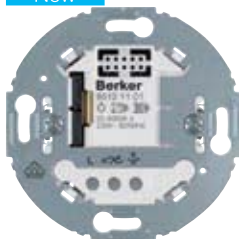
Neutral conductor necessary!

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 ²	
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~
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 ²
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	★ 8542 12 01	1

New



Extension unit for motion detector

i 468

Operating voltage	230 V~
Frequency	50/60 Hz
Cable length, extensions	max. 50 m
Number of motion detector extension units	unlimited
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

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



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

Motion detector covers



Motion detector 2.2 m

i 468

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

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

Suitable for Inserts	Order no.	Page
optional		page 358
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design	Order no.	PU
Berker Serie 1930/R.classic		
polar white glossy	8534 21 39	1
black glossy	8534 21 31	1





Motion detector 1.1 m

i 468

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

- low intrinsic energy requirement
- with button for on/off/automatic
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- 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
optional		
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design	Order no.	PU

Berker Serie 1930/R.classic

polar white glossy	8534 11 39	1
black glossy	8534 11 31	1



IR motion detector comfort 2.2 m

i 468

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

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

Design	Order no.	PU

Berker Serie 1930/R.classic

polar white glossy	8534 22 39	1
black glossy	8534 22 31	1



IR motion detector comfort 1.1 m

i 468

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

- low intrinsic energy requirement
- with button for on/off/automatic
- LED application module/insert compatibility display
- with operation and status LED, red/green/orange
- with memory function for presence simulation
- teach function for response brightness via button
- with keylock
- party function for switching on for 2 hours
- step operation with immunity time (e.g. for stair light/impact current circuits)
- 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
optional		
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design	Order no.	PU

Berker Serie 1930/R.classic

polar white glossy	8534 12 39	1
black glossy	8534 12 31	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
Switching current

250 V~
10 A

Suitable for optional
Interlock disk for rotary switch for blinds

Order no.
Page
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
Switching current

250 V~
10 A

Suitable for optional
Interlock disk for rotary switch for blinds

Order no.
Page
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 2pole with centre plate	3812 ..	361
Rotary switch for blinds 1pole with centre plate	3811 ..	361

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

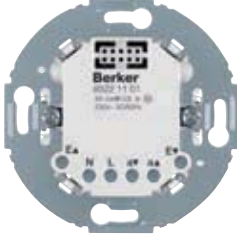
1861 01

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

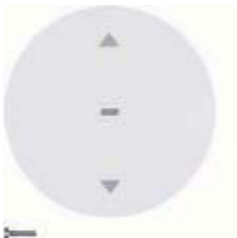
i 468

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 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 ²	
Operating temperature	-5 ... +45 °C	
Housing installation depth	22 mm	
Claw guidance installation depth	32 mm	

Suitable for	Order no.	Page
optional		
Interface surface-mounted for wind sensor	173 ..	93
Precipitation sensor	183 01 ..	93

Design	Order no.	PU
Blind insert comfort	★ 8522 11 01	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)
Can be switched to orientation led by extension unit - this function will be available from Q3 2015.		- with imprinted symbol arrows

Suitable for	Order no.	Page
Blind insert comfort	8522 11 01	362
optional		
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design	Order no.	PU
Berker Serie 1930/R.classic		
polar white glossy	8524 11 39	1
black glossy	8524 11 31	1



Blind time switch

- 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

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.

- 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)

Suitable for	Order no.	Page
Blind insert comfort	8522 11 01	362
optional		
Frame, 1gang, for centre plate Ø 58 mm		page 377

Design

Berker Serie 1930/R.classic

polar white glossy	8574 11 39	1
black glossy	8574 11 31	1



Communication/multimedia technology

FCC socket outlets



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

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

Cat.3 according to TIA/IAE-568-B.2

Design to according to DIN EN 60603-7

Cat.3 according to DIN EN 50173

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

Design

white

Order no.

4568

PU

10



FCC socket outlet, 8-pole, cat.3

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

Cat.3 according to TIA/IAE-568-B.2

Design to according to DIN EN 60603-7

Cat.3 according to DIN EN 50173

- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- with 45° oblique outlet
- with screw terminals

Design

white

Order no.

4538

PU

10



New



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

i 462

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 250 MHz
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and strain relief
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- 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=
Rated current	0.5 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 500 MHz
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and strain relief
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with LSA+ terminals

Cat.6_A iso\class E_A 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~
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
Operating temperature	-5 ... +45 °C
Insertion depth	≈ 40 mm

- Operating modes in WLAN: Access-Point, Repeater/Bridge, Client (WDS), Client (relayed)
- Ciphering method: WEP, WPA, WPA2
- WLAN range can be configured for adaptation to spatial conditions
- Configuration of the integrated web server via web browser
- with integral WLAN antenna
- with RJ45 jack on front
- LAN connection via 5pole screw terminal block
- 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)
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

- Operating modes in WLAN: Access-Point, Repeater/Bridge, Client (WDS), Client (relayed)
- Ciphering method: WEP, WPA, WPA2
- WLAN range can be configured for adaptation to spatial conditions
- Configuration of the integrated web server via web browser
- with integral WLAN antenna
- Power supply (PoE, class2) of further network devices possible via RJ45 jack on front
- LAN connection/PoE power supply via 9pole screw terminal block

Manufacturer product line

Reset magnet
Rutenbeck

Art. No.

Design

Order no.

PU

WLAN Access-Point flush-mounted, PoE

★ **4583**

1

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_A iso
- for WLAN access-points
- with 45° oblique outlet

Design

Order no.

PU

Berker Serie 1930/Glas

polar white glossy

1407

10

black glossy

1407 01

10

Berker Serie R.classic

polar white glossy

1407 20 89

10

black glossy

1407 20 45

10

FCC socket outlet, 2 x 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
- parallel contacted sockets
- 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

4562

10

FCC connection socket outlet 2x8(4)pole, cat.3

i 462

Rated voltage	125 V=
Rated current	1 A
Transmission bandwidth	max. 16 MHz
Transition resistance	< 20 mΩ
Resistor	100 Ω
Conductor Ø	max. 1 mm
Insertion depth	22 mm

- as socket outlet for ISDN-So-Bus installations
- for connectors RJ11, RJ12 and RJ45, ISDN-compatible
- parallel contacted sockets
- for telephone installations as single box
- with 45° oblique outlet
- with screw terminals

Cat.3 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

4592

10



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

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	4539	10



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

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Transmission bandwidth	max. 250 MHz
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and strain relief
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- 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	★ 4555 01	10



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

Rated voltage	72 V=
Rated current	0.5 A
Signal contact resistance	20 mΩ
Shield contact resistance	100 mΩ
Operating temperature	-40 ... +70 °C
Conductor Ø	0.4 ... 0.63 mm (AWG 26-22)
Insertion depth	31 mm

- external eyelets on the supporting ring can be broken off for round designs
- housing out of tin diecasting
- for RJ11, RJ12 and RJ45 plugs
- with screen contacting 360° and strain relief
- with 45° oblique outlet
- flexible cable routing
- without spreader claws
- suitable for PoE+
- with LSA+ terminals

Cat.6_A iso\class E_A 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	4587	10



Centre plate for FCC socket outlet 2gang

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

- for 2gang socket outlet cat.3, cat.5e, cat.6 and cat.6_A iso
- with 45° oblique outlet

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	1409	10
black glossy	1409 01	10
Berker Serie R.classic		
polar white glossy	1409 20 89	10
black glossy	1409 20 45	10



Modular 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_A iso\class E_A 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_A iso\class E_A according to
DIN EN 50173-1:2011-09



Design	Order no.	PU
Modular FCC socket outlet 8/8pole shielded, cat.6 iso	4588	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	4584	1



Centre plate with TAE cut-out

- push-out

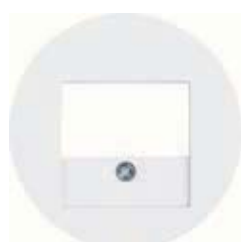


For detailed information on relevant articles of other manufacturers, please see the Berker online catalogue.

- also for TDO socket outlet
- also for KNX applications: USB data interface, flush-mounted

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy, with 2 knock out openings	1040	10
black glossy, with 2 knock out openings	1040 01	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



Centre plate with TAE cut-out

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

- also for KNX applications: USB data interface, flush-mounted

Design	Order no.	PU
Berker Serie R.classic		
polar white glossy	1038 20 89	10
black glossy	1038 20 45	10

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

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	★ 4502 10	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

Suitable for Terminating resistor	Order no.	Page
	4503	113

Design	Order no.	PU
10 dB	★ 4515 10	10
15 dB	★ 4515 15	10
20 dB	★ 4515 20	10



Centre plate for aerial socket 2hole

For aerial socket according to DIN 45330

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	1039 20	10
black glossy	1039 21	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	★ 4522 10	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

4503

1



Centre plate for aerial socket 3hole

Design

Order no.

PU

Berker Serie 1930/Glas

polar white glossy

1064 20

10

black glossy

1064 21

10



Centre plate for aerial socket 2-/3hole

For aerial socket according to DIN 45330

- with knock out SAT input

Design

Order no.

PU

Berker Serie R.classic

polar white glossy

1203 20 89

10

black glossy

1203 20 45

10

New



Aerial socket 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

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

Design

Order no.

PU

Aerial socket 4hole single box

*** 4594 10**

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

Order no.

PU

Berker Serie 1930/R.classic

polar white glossy

1484 20 89

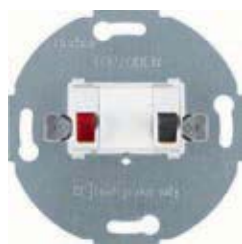
10

black glossy

1484 20 45

10

Audio socket outlets



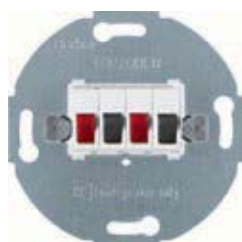
Loudspeaker connection box

Rated voltage 60 V= - with plug-in terminals
Conductor cross-section max. 10 mm² (on backside with screw terminals)

i 467



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 mm² (on backside with screw terminals)

i 467



Design	Order no.	PU
polar white matt	4573 09	10
anthracite matt	4573 05	10



Centre plate with TAE cut-out

- push-out



- also for KNX applications: USB data interface, flush-mounted
- also for TDO socket outlet

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

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

Berker Serie 1930/Glas

polar white glossy, with 2 knock out openings	1040	10
black glossy, with 2 knock out openings	1040 01	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

Berker Serie R.classic

polar white glossy	1038 20 89	10
black glossy	1038 20 45	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 ²
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
Berker Serie 1930/R.classic		
polar white glossy	2600 20 89	1
black glossy	2600 20 45	1



Pilot lamps



Push-button/pilot lamp E10, NO contact, with centre plate

i 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
Berker Serie 1930/Glas		
polar white glossy	5104	1
black glossy	5104 01	1



Knob for push-button/pilot lamp E10

Suitable for	Order no.	Page
Push-button/pilot lamp E10, NO contact, with centre plate	5104 ..	371

Design	Order no.	PU
polar white glossy	1225	10
black glossy	1225 01	10
polar white glossy ¹⁾	1226	10
polar white glossy ²⁾	1227	10
red, transparent	1229	10
clear, transparent	1229 02	10

¹⁾ with imprinted symbol for light
²⁾ with imprinted symbol for bell



Cover for push-button/pilot lamp E10

Suitable for	Order no.	Page
Push-button/pilot lamp E10, NO contact, with centre plate	5104 ..	371

Design	Order no.	PU
clear, transparent	1221	10
red, transparent	1222	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

Rated voltage

230 V~ +10/-15 %

Frequency

50/60 Hz

Power consumption

< 0.2 W

230 V incandescent lamps and halogen lamps

1500 W

Electronic transformers

1500 W

Operating temperature

-5 ... +50 °C

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 mm²

- 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!

Suitable for optional

Frame, 1gang, for centre plate Ø 58 mm

Order no.

Page

page 377

Design

Order no.

PU

Berker Serie 1930/R.classic

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.	
	Berker Serie 1930/Glas		PU	
	polar white glossy		1009 20	20
	black glossy		1009 21	20
	Berker Serie R.classic			
	polar white glossy		1009 20 79	20
	black glossy		1009 20 35	20
	Blind plug with centre plate, base and spreader claws		– with supporting plate – centre plate for plug-in fixing – with spreader claws	
	Design		Order no.	
	Berker Serie 1930/Glas		PU	
	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	4468	10



Centre plate for cable outlet

Suitable for	Order no.	Page
Cable outlet with low installation depth		page 373

Design	Order no.	PU
Berker Serie 1930/Glas		
polar white glossy	1037	10
black glossy	1037 01	10
Berker Serie R.classic		
polar white glossy	1019 20 89	10
black glossy	1019 20 45	10



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
Berker Serie 1930/Glas/R.classic		
red	1887	100

Serie 1930

Berker and Bauhaus are not only the same age (both were founded in 1919), but they also share the same passion for pure shapes and functionality. Even today, clients and planners love both qualities. And, because of this, the unique, Bauhaus-inspired Berker Serie 1930 can be found not only in timeless, classic buildings, but also in trendy properties, such as the "Casa Camper" in Berlin.

- Available surfaces: glossy in polar white, black

Rosen th |al



DESIGN PLUS

Frames / Cover plates

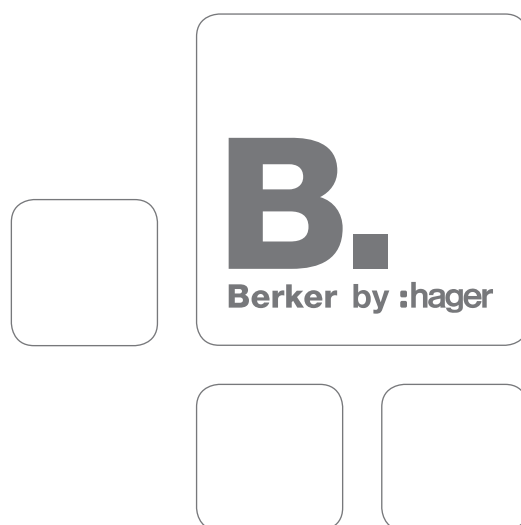
Plastic, glossy
polar white similar to RAL 9010
black similar to RAL 8022

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	1381 69	1
Porcelain, black glossy	1381 65	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	1381 09	10
black glossy, 1gang	1381 01	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	1381 59	10
black glossy	1381 51	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	1381 49	10
black glossy	1381 41	10



Frame 2gang

- for vertical and horizontal mounting

i 481

Design	Order no.	Page
polar white glossy	1381 29	2
black glossy	1381 21	2



Frame 3gang

- for vertical and horizontal mounting

i 481

Design	Order no.	Page
polar white glossy	1381 39	2
black glossy	1381 31	2

New

Frame, 1gang, for centre plate Ø 58 mm



- for vertical and horizontal mounting
- for centre plate with Ø 58 mm cut-out

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
optional		
Spacer gland	1887	373
Design	Order no.	PU
polar white glossy, 1gang	* 1382 09	10
black glossy, 1gang	* 1382 01	10

Surface-mounted frames

Frame 1gang surface-mounted



Insertion depth

33.5 mm – with cable and duct entry

Suitable for	Order no.	Page
optional		
Supplementary products		page 377
Design	Order no.	PU
polar white glossy	1001 09	10
black glossy	1001 01	10

Base plate 1gang, self-extinguishing



- with imprint
- for mounting on combustible base surface

Suitable for	Order no.	Page
Frame 1gang surface-mounted	1001 0 ..	377
Design	Order no.	PU
polar white	1331 19	10
black	1331 11	10

Supplementary products

Connector for multiple combinations surface-mounted



Also suitable for units of the surface-mounted programme.

- to combine surface-mounted devices

Suitable for	Order no.	Page
Frame 1gang surface-mounted	1001 0 ..	377
Design	Order no.	PU
polar white	1823 09	10
black	1823 05	10

Wire and duct entry



Also suitable for surface-mounted frames and housings from the flush-mounted programmes.

- for wire or 15 x 15 mm cable duct

Suitable for	Order no.	Page
Frame 1gang surface-mounted	1001 0 ..	377
Design	Order no.	PU
polar white	1813 09	10
black	1813 05	10



16 mm

- 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.

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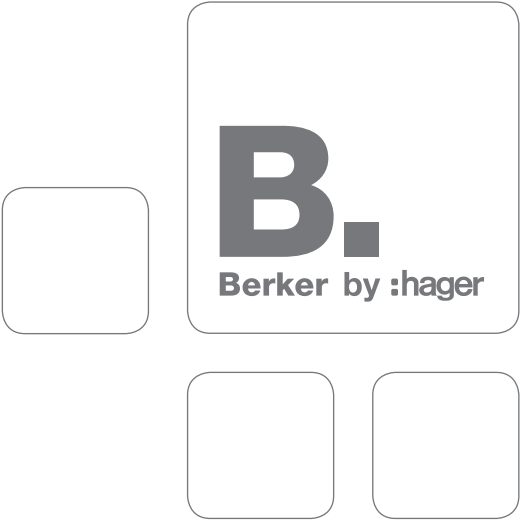
PU

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

– Due to the diameter of the cover frame, the universal flush-mounted boxes must be placed precisely.



Glass frame 1gang

i 481

Caution! In combinations, the spacer gland for Kaiser flush-mounted boxes must be used (order no. 1887).

- toughened glass
- for single mounting
- with polar white plastic base

Special variant for hollow-wall mounting available on request.

Suitable for optional	Order no.	Page
Spacer gland	1887	373
Design	Order no.	PU
clear glossy	1091	10



Glass centre frame

i 481

Combinations are only to be installed in simple combi boxes.

- toughened glass
- for combination mounting
- with polar white plastic base

Special variant for hollow-wall mounting available on request.

Design	Order no.	PU
clear glossy	1093 00	10



Glass end frame

i 481

Combinations are only to be installed in simple combi boxes.

- toughened glass
- for combination mounting
- with polar white plastic base

Special variant for hollow-wall mounting available on request.

Design	Order no.	PU
clear glossy	1092 00	10



Glass frame 2gang

i 481

Special variant for hollow-wall mounting available on request.

- toughened glass
- for vertical and horizontal mounting
- with polar white plastic base

Design	Order no.	PU
clear glossy	1102	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

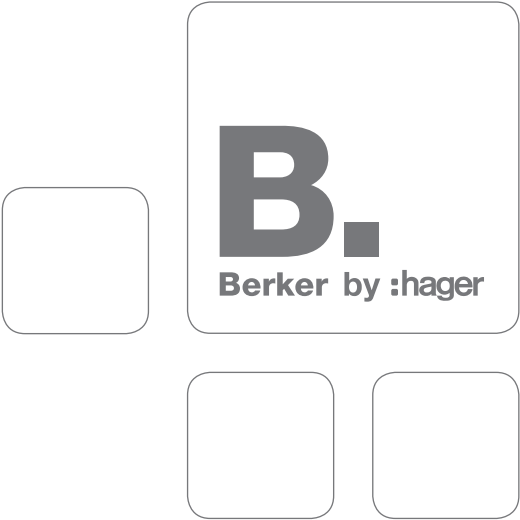


Frames

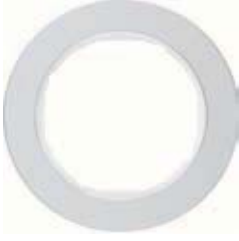
Plastic, glossy
polar white similar to RAL 9010
black similar to RAL 9005

Glass
polar white similar to RAL 9010
black similar to RAL 9005

Metal
Aluminium, natural anodised
Stainless steel, matt finish



Frames

	Frame		i 481
		– for vertical and horizontal mounting	
	Design	Order no.	PU
	polar white glossy, 1gang	1011 20 89	10
	Frame		i 481
		– for vertical and horizontal mounting	
	Design	Order no.	PU
	black glossy, 1gang	1011 20 45	10
	Frame		i 481
		– for vertical and horizontal mounting	
	Design	Order no.	PU
	Aluminium/polar white, luminium anodised, 1gang	1011 20 74	10
	Frame		i 481
		– for vertical and horizontal mounting	
	Design	Order no.	PU
	Aluminium/black, aluminium anodised, 1gang	1011 20 84	10
	Frame		i 481
		– for vertical and horizontal mounting	
	Design	Order no.	PU
	Stainless steel/polar white, metal matt finish, 1gang	1011 20 14	10
	Frame		i 481
		– for vertical and horizontal mounting	
	Design	Order no.	PU
	Stainless steel/black, metal matt finish, 1gang	1011 20 04	10



Frame

– for vertical and horizontal mounting

i 481

Design	Order no.	PU
Glass polar white, 1gang	1011 20 09	10
Glass polar white, 2gang	1012 20 09	5
Glass polar white, 3gang	1013 20 09	5



Frame

– for vertical and horizontal mounting

i 481

Design	Order no.	PU
Glass black, 1gang	1011 20 16	10
Glass black, 2gang	1012 20 16	5
Glass black, 3gang	1013 20 16	5

Berker 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

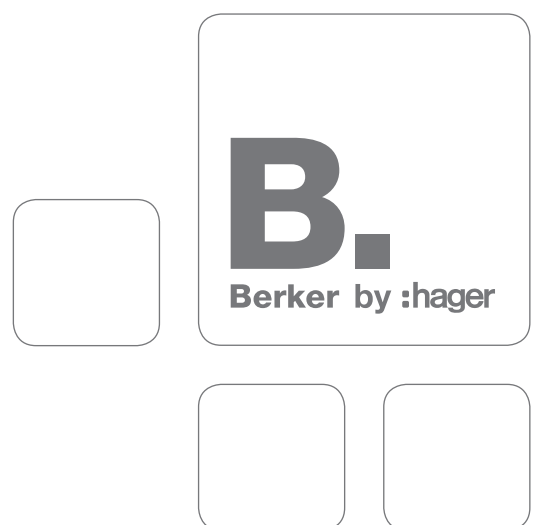
Plastic, lacquered
chrome matt
stainless steel

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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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").

SCHUKO socket outlet		i 482	
	- screw terminals		
			
	Rated voltage	250 V~	
	Rated current	16 A	
	Design	Order no.	PU
	brown matt	9 4185 25 01	10
	anthracite matt	9 4185 25 05	10
	grey matt	9 4185 25 06	10
	polar white matt	9 4185 25 02	10
	black matt	9 4185 05	10
Suitable for 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 hinged cover and imprint "IP44" 9 1828 .. 406 Sealing for IP 44 applications 918 53 410		Order no.	Page



SCHUKO socket outlet		i 482	
	- 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	9 4195 25 01	10
	anthracite matt	9 4195 25 05	10
	grey matt	9 4195 25 06	10
	polar white matt	9 4195 25 02	10
	black matt	9 4195 05	10
Suitable for 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 hinged cover and imprint "IP44" 9 1828 .. 406 Sealing for IP 44 applications 918 53 410		Order no.	Page



SCHUKO socket outlet		i 482	
	Rated voltage	250 V~	
	Rated current	16 A	
	Earth bracket clamping forces according to TNO requirements.	- with plug-in terminals	
	Standard NEN 1010		
	Design	Order no.	PU
	brown matt	9 4778 25 01	10
	anthracite matt	9 4778 25 05	10
	grey matt	9 4778 25 06	10
	polar white matt	9 4778 25 02	10
	black matt	9 4778 25 03	10
Suitable for 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 hinged cover and imprint "IP44" 9 1828 .. 406 Sealing for IP 44 applications 918 53 410		Order no.	Page



			i	482
	SCHUKO socket outlet			
	- enhanced contact protection			
				
	Rated voltage	250 V~		
	Rated current	16 A		
	Earth bracket clamping forces according to TNO requirements.			
	Standard NEN 1010			
	Enhanced contact protection (child protection) according to IEC 60884-1			
	- with plug-in 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 hinged cover and imprint "IP44"	9 1828 ..	406
		Sealing for IP 44 applications	918 53	410
	Design	Order no.	PU	
	brown matt	9 4779 25 01	10	
	anthracite matt	9 4779 25 05	10	
	grey matt	9 4779 25 06	10	
	polar white matt	9 4779 25 02	10	
	black matt	9 4779 25 03	10	

			i	482
	SCHUKO socket outlet 45°			
	- screw terminals			
				
	Rated voltage	250 V~		
	Rated current	16 A		
	- for diagonal installation			
	Suitable for	Order no.	Page	
			Contact protection box Ø 49 mm	918 8 ..
			Contact protection box 2gang	9 191 ..
			Contact protection box 3gang	919 33
			Contact protection box Ø 58 mm for terminal attachment	818 37
			Frame with hinged cover and imprint "IP44"	9 1828 ..
			Sealing for IP 44 applications	918 53
	Design	Order no.	PU	
	brown matt	8 4185 25 21	200	
	anthracite matt	8 4185 25 25	200	
	grey matt	8 4185 25 26	200	
	polar white matt	8 4185 25 22	200	
	black matt	8 4185 25	200	

International socket outlet systems

Socket outlets without earthing contact

- Socket outlets with enhanced contact protection (child protection) according to IEC 60884-1
- Connection terminals according to IEC 60884-1

			i	482
	Socket outlet without earth contact NETHERLANDS			
	- screw terminals			
				
	Rated voltage	250 V~		
	Rated current	16 A		
	Mirror depth	14.5 mm		
	- 2pole			
	Suitable for	Order no.	Page	
			Contact protection box Ø 45 mm	918 20
			Contact protection box Ø 49 mm	918 8 ..
			Contact protection box 2gang	9 191 ..
			Contact protection box 3gang	919 33
	Design	Order no.	PU	
	brown matt	9 6184 25 01	10	
	anthracite matt	9 6184 25 05	10	
	grey matt	9 6184 25 06	10	
	polar white matt	9 6184 25 02	10	
	black matt	9 6184 05	10	



Socket outlet without earth contact NETHERLANDS

i 482

- enhanced contact protection
- 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

Page

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Design	Order no.	PU
brown matt	9 6194 25 01	10
anthracite matt	9 6194 25 05	10
grey matt	9 6194 25 06	10
polar white matt	9 6194 25 02	10
black matt	9 6194 05	10



Euro-American Standard socket outlets



Socket outlet without earth contact EURO-AMERICAN STANDARD

i 482

- enhanced contact protection
- screw terminals



Rated voltage
Rated current

250 V~
10 A

- 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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Not suitable for SCHUKO plug according to DIN 49441.
Standard GB 1002

Design	Order no.	PU
brown matt	9 6257 25 01	10
anthracite matt	9 6257 25 05	10
grey matt	9 6257 25 06	10
polar white matt	9 6257 25 02	10
black matt	9 6257 25 03	10



Socket outlets with earthing pin

- 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



Rated voltage
Rated current

250 V~
16 A

- 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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408
408
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406
410

Design	Order no.	PU
brown matt	9 6195 25 01	10
anthracite matt	9 6195 25 05	10
grey matt	9 6195 25 06	10
polar white matt	9 6195 25 02	10
black matt	9 6195 05	10



NEMA-socket outlets



**Socket outlet with earthing contact USA/CANADA
NEMA 5-15 R**

i 482

- screw terminals

- 2pole + earth



Rated voltage

125 V~

Rated current

15 A

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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408
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409

Connecting terminals only suitable for wiring
with massive conductors.

Standard NEMA 5-15 R



Design

Order no.

PU

polar white matt, insert white

8 6263 25 02

200



**Socket outlet with earthing contact USA/CANADA
NEMA 6-20 R**

i 482

- screw terminals

- 2pole + earth



Rated voltage

250 V~

Rated current

20 A

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

Page

408
408
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409

Connecting terminals only suitable for wiring
with massive conductors.

Standard NEMA 6-20 R



Design

Order no.

PU

brown matt, insert, brown

8 6254 25 01

200

anthracite matt, insert, brown

8 6254 25 05

200

grey glossy, insert white

8 6254 25 07

200

polar white glossy, insert white

8 6254 25 09

200

black glossy, insert, brown

8 6254 25 10

200

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

Rated voltage

250 V~

Rated current

15 A

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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408
408
409
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Design

Order no.

PU

brown matt, insert black

9 6256 25 01

10

anthracite matt, insert black

9 6256 25 05

10

grey matt, insert black

9 6256 25 06

10

polar white matt, insert white

9 6256 25 02

10

black matt, insert black

9 6256 05

10



Danish socket outlets



Socket outlet with earth contact DENMARK

i 482

- enhanced contact protection
- screw terminals



Rated voltage

250 V~

Rated current

13 A

Standard DK/SR 107-2-D1

- 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.

918 20
918 8 ..
9 191 ..
919 33

Page

408
408
409
409

Design	Order no.	PU
brown matt	9 6272 25 01	10
anthracite matt	9 6272 25 05	10
grey matt	9 6272 25 06	10
polar white matt	9 6272 25 02	10
black matt	9 6272 05	10



Italian socket outlets

New



Socket outlet with earthing contact ITALY

i 482

- enhanced contact protection
- screw terminals



Rated voltage

250 V~

Rated current

16 A

Not suitable for fixing clamping ring!

- 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.

918 87
918 83
9 1915 0 ..
919 33

Page

408
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Design	Order no.	PU
anthracite matt, insert black	* 9 6251 25 05	10
black matt, insert black	* 9 6251 25 03	10
polar white matt, insert white	* 9 6251 25 02	10

Swiss socket outlets

- Connection terminals according to IEC 60884-1



Socket outlet with earthing contact SWITZERLAND type 13

i 482

- screw terminals



Rated voltage

250 V~

Rated current

10 A

Not suitable for fixing clamping ring!

- 2pole + earth

Suitable for

Contact protection box Ø 49 mm
Contact protection box 2gang
Contact protection box 3gang

Order no.

918 8 ..
9 191 ..
919 33

Page

408
409
409

Design	Order no.	PU
brown matt	9 6249 25 01	10
anthracite matt	9 6249 25 05	10
grey matt	9 6249 25 06	10
polar white matt	9 6249 25 02	10
black matt	9 6249 05	10





Socket outlet with earthing contact SWITZERLAND type 23

i 482

- screw terminals

- 2pole + earth



Rated voltage

250 V~

Rated current

16 A

Not suitable for fixing clamping ring!

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

Design	Order no.	PU
brown matt	9 6259 25 01	10
anthracite matt	9 6259 25 05	10
grey matt	9 6259 25 06	10
polar white matt	9 6259 25 02	10
black matt	9 6259 25 03	10



BRITISH STANDARD socket outlets



Socket outlet with earthing contact BRITISH STANDARD

i 482

- enhanced contact protection
- screw terminals

- 2pole + earth



Rated voltage

250 V~

Rated current

13 A

Standard BS 1363

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
919 33	409

Design	Order no.	PU
brown matt	9 6262 25 01	10
anthracite matt	9 6262 25 05	10
grey matt	9 6262 25 06	10
polar white matt	9 6262 25 02	10
black matt	9 6262 05	10



Switches/Push-buttons

 Marked items are only suitable for splash-protected IP44 flush-mounted installation when used in conjunction with the appropriate sealing and frame with the imprint "IP44".

Rocker switches



Change-over switch

i 482

Rated voltage

250 V~

Switching current

16 AX

- with screw 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 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	9 3656 25 01	10
anthracite matt	9 3656 25 05	10
grey glossy	9 3656 25 07	10
polar white glossy	9 3656 25 09	10
black glossy	9 3656 25 10	10
chrome matt, lacquered	9 3656 25 68	10
stainless steel matt, lacquered	9 3656 25 24	10





Intermediate switch

Rated voltage
Switching current

250 V~
16 AX – with screw terminals

i 482

Suitable for	Order no.	Page
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	9 3657 25 01	10
anthracite matt	9 3657 25 05	10
grey glossy	9 3657 25 07	10
polar white glossy	9 3657 25 09	10
black glossy	9 3657 25 10	10
chrome matt, lacquered	9 3657 25 68	10
stainless steel matt, lacquered	9 3657 25 24	10



Multi-pole rocker switches



On/off switch 2pole with imprint "0"

Rated voltage
Switching current

250 V~
16 AX – with screw terminals

i 482

For switching of 16 A socket outlets, for example.

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	9 3652 25 01	10
anthracite matt	9 3652 25 05	10
grey glossy	9 3652 25 07	10
polar white glossy	9 3652 25 09	10
black glossy	9 3652 25 10	10
chrome matt, lacquered	9 3652 25 68	10
stainless steel matt, lacquered	9 3652 25 24	10



Control on/off switch 2pole with imprint "0"

– red lens



Rated voltage
Switching current
Neon lamp current

250 V~
16 AX
0.9 mA

– for illumination and monitoring circuit
– with integral neon lamp
– with screw terminals

i 482

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	9 3752 25 01	10
anthracite matt	9 3752 25 05	10
grey glossy	9 3752 25 07	10
polar white glossy	9 3752 25 09	10
black glossy	9 3752 25 10	10
chrome matt, lacquered	9 3752 25 68	10
stainless steel matt, lacquered	9 3752 25 24	10

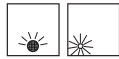




Control on/off switch 2pole with imprint "0", 12 V

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	9 3762 25 31	10
anthracite matt	9 3762 25 35	10
polar white glossy	9 3762 25 39	10
black glossy	9 3762 25 10	10
chrome matt, lacquered	9 3762 25 68	10
stainless steel matt, lacquered	9 3762 25 24	10



Combination rocker switches



Series switch, 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	9 3655 25 01	10
anthracite matt	9 3655 25 05	10
grey glossy	9 3655 25 07	10
polar white glossy	9 3655 25 09	10
black glossy	9 3655 25 10	10
chrome matt, lacquered	9 3655 25 68	10
stainless steel matt, lacquered	9 3655 25 24	10



Rocker push-buttons



Push-button, NO contact

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	9 3671 25 01	10
anthracite matt	9 3671 25 05	10
grey glossy	9 3671 25 07	10
polar white glossy	9 3671 25 09	10
black glossy	9 3671 25 10	10
chrome matt, lacquered	9 3671 25 68	10
stainless steel matt, lacquered	9 3671 25 24	10





Push-button, NO contact, illuminated

- 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	9 3772 25 01	10
anthracite matt	9 3772 25 05	10
grey glossy	9 3772 25 07	10
polar white glossy	9 3772 25 09	10



Combination rocker push-buttons



Series push-button, 2 NO contacts, common input terminal

Rated voltage	250 V~
Momentary-contact current	10 A

- common input terminal
- with screw terminals

Suitable for	Order no.	Page
Contact protection box 2gang	9 191 ..	409
Contact protection box 3gang	919 33	409

Design	Order no.	PU
brown matt	9 3675 25 01	10
anthracite matt	9 3675 25 05	10
grey glossy	9 3675 25 07	10
polar white glossy	9 3675 25 09	10
black glossy	9 3675 25 10	10
chrome matt, lacquered	9 3675 25 68	10
stainless steel matt, lacquered	9 3675 25 24	10



Rotary dimmers

Rotary dimmers



Rotary dimmer 12 V DC

- setting knob



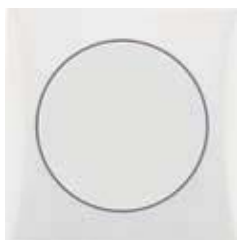
Rated voltage	12 V=
12 V incandescent lamps and halogen lamps	10 ... 60 W
Quiescent current	3 mA
Axis dimension Ø	4 mm
Insertion depth	33 mm

- 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	# 9 2876 25 01	1
anthracite matt	# 9 2876 25 05	1
grey glossy	# 9 2876 25 07	1
polar white glossy	# 9 2876 25 09	1
black glossy	# 9 2876 25 10	1
chrome matt, lacquered	# 9 2876 25 68	1
stainless steel matt, lacquered	# 9 2876 25 24	1





Rotary dimmer with frame

i 482

- 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

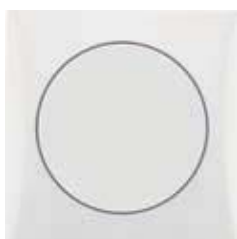
- with change-over pressure switch
- short-circuit and overload proof (fine-wire fuse)
- with spare fuse
- phase cut-on
- with screw terminals

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
with soldered connection		
brown matt ¹⁾	9 4511 25 11	10
anthracite matt ¹⁾	9 4511 25 15	10
grey matt ¹⁾	9 4511 25 16	10
polar white matt ¹⁾	9 4511 25 12	10
black matt ¹⁾	9 4511 15	10
Connection in F system		
brown matt	9 4581 25 01	10
anthracite matt	9 4581 25 05	10
grey matt	9 4581 25 06	10
polar white matt	9 4581 25 02	10
black matt	9 4581 25 03	10

¹⁾ suitable for frames with hinged covers



Aerial connector box SAT

Not suitable for frames with hinged covers.

– with double F-socket

Design	Order no.	PU
brown matt	9 4519 25 01	10
anthracite matt	9 4519 25 05	10
grey matt	9 4519 25 06	10
polar white matt	9 4519 25 02	10
black matt	9 4519 05	10



Aerial connector box radio/SAT

Not suitable for frames with hinged covers.

– with IEC and F socket
– with connection in F system

Design	Order no.	PU
brown matt	9 4560 25 01	10
anthracite matt	9 4560 25 05	10
grey matt	9 4560 25 06	10
polar white matt	9 4560 25 02	10
black matt	9 4560 05	10



Aerial connector box radio/TV

Not suitable for frames with hinged covers.

– with IEC sockets
– with connection in F system

Design	Order no.	PU
polar white matt	9 4561 25 02	10



Aerial connector box TV/SAT

Not suitable for frames with hinged covers.

- with IEC and F socket
- with connection in F system



Design	Order no.	PU
grey matt	8 4563 25 06	200
black matt	8 4563 25 03	200

Data communication



Double supporting plate for MINI-COM modules

Not suitable for hinged cover.

- with 30° oblique outlet
- for Mini-Com jacks cat.3, cat.5e, cat.6, cat.6 10Gig
- for Mini-Com fibre-optic modules
- for Mini-Com 3.5 mm stereo connection/coupling modules
- for Mini-Com BNC connector modules
- for Mini-Com Cinch connection/coupling modules
- for Mini-Com D-Subminiature connectors 15pole
- for Mini-Com F-plug coupling modules
- for Mini-Com speaker wire/banana plug modules
- for Mini-Com S-Video connection/coupling modules
- for Mini-Com dummy modules 1gang

Suitable for	Order no.	Page
Multimedia modules		page 402

Manufacturer product line	Art. No.
Mini-Com modules	
Panduit	

Design	Order no.	PU
anthracite glossy	9 4559 25 05	10
grey glossy	9 4559 25 07	10
polar white glossy	9 4559 25 09	10
black glossy	9 4559 05	10



Mini jack, 8-pole

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
Cat.6, RJ45, shielded (AWG 26)		
Mini jack 8pole shielded, cat.6	1985	1
Cat.5e, RJ45, shielded (AWG 24-22)		
Mini jack 8pole shielded, cat.5e	1984	1



Cat.3, RJ45, ISDN-compatible, unshielded (AWG 24-22)		
Mini jack, 8-pole, cat.3, black	1980	1



Supporting plate 1gang for AMP modular jacks

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

Not suitable for hinged cover.

– for AMP modular jacks series 110 Connect cat.3, cat.5, cat.5e and cat.6

Manufacturer product line

Art. No.

EMT modular jack

AMP

Standard 110 Connect jack

AMP

MT-RJ jack

AMP

Intracom

Telena

Modular jacks

Brand-Rex

CobiNet

EFB Electronic

Schumann

SL series toolless jack

AMP

Design	Order no.	PU
anthracite glossy	9 4557 25 05	10
grey glossy	9 4557 25 07	10
polar white glossy	9 4557 25 09	10
black glossy	9 4557 05	10



Supporting plate 2gang for BTR-/E-DAT modules

Not suitable for hinged cover.

- with 25° oblique outlet
- for 130898-00-I BTR blank module
- for 130898-01-I BTR coax module F/F
- for 130898-02-I BTR coax module F/IEC socket
- for 130898-03-I BTR coax module F/IEC connector
- for 130908-I BTR UAE module Cat.5e 8(8)
- for 130909-I BTR UAE module Cat.6 8(8)
- for 130910-I BTR E-Dat module Cat.6a 8(8)
- for 1309A0-I BTR E-Dat module coupling 8(8) Cat.6
- for 15091001-I BTR Op-Dat module ST
- for 15091070-I BTR Op-Dat module LC
- for 15091071-I BTR Op-Dat module LC
- for 185700 Dätwyler Unilan socket module MS 1/8 Cat.6
- for 185750 Dätwyler Unilan socket module MU 1/8 Cat.6
- for 417446 Dätwyler Unilan RJ45 feed-through coupling

Manufacturer product line

Art. No.

Modules

BTR NETCOM

Design	Order no.	PU
anthracite glossy	8 4558 25 05	100
grey glossy	8 4558 25 07	100
polar white glossy	8 4558 25 09	100
black glossy	8 4558 25 10	100

Multimedia modules



Cinch module set audio

i 461

Conductor Ø 0.5 ... 0.65 mm (AWG 24-22)

Conductor cross-section 0.2 mm² ... 0.325 mm²

Dimensions, per module (W x H x D) 15 x 18 x 35 mm

- with 2 Cinch sockets and module carriers
- with tool free cutting terminals

Suitable for	Order no.	Page
Central plate for 3 MINI-COM modules	1427 ..	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	1989	1



Cinch module video

i 461

Conductor Ø 0.5 ... 0.65 mm (AWG 24-22)
Conductor cross-section 0.2 mm² ... 0.325 mm²
Dimensions (W x H x D) 15 x 18 x 35 mm

- with cinch socket and module carrier
- with tool free cutting terminals

Suitable for	Order no.	Page
Central plate for 3 MINI-COM modules	1427 ..	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	1992	1



VGA module

i 461

Conductor cross-section 1.5 mm²
Dimensions (W x H x D) 31 x 18 x 35 mm

- occupies 2 MINI-COM module spaces in the cover
- Compatibility SVGA compatible
- with a 15pole D-subminiature socket
- with screw-in lift terminals

Suitable for	Order no.	Page
Central plate for 3 MINI-COM modules	1427 ..	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	1994	1



S-Video module

i 461

Conductor Ø 0.5 ... 0.65 mm (AWG 24-22)
Conductor cross-section 0.2 mm² ... 0.325 mm²
Dimensions (W x H x D) 15 x 18 x 35 mm

- with S-Video and module carrier
- with tool free cutting terminals

Suitable for	Order no.	Page
Central plate for 3 MINI-COM modules	1427 ..	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	1993	1



Blank module

Dimensions (W x H x D) 15 x 18 x 35 mm

Suitable for	Order no.	Page
Central plate for 3 MINI-COM modules	1427 ..	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	1990	1

USB Charging socket outlets



230 V USB charging socket outlet

- screw terminals



Input voltage	100 ... 240 V~
Frequency	50/60 Hz
Output voltage	5 V= (± 5 %)
Output current	max. 500 mA
Conductor cross-section (rigid)	max. 2.5 mm²
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	9 2600 25 05	1
polar white matt	9 2600 25 09	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	9 4517 25 01	10
anthracite matt	9 4517 25 05	10
grey glossy	9 4517 25 07	10
polar white glossy	9 4517 25 09	10
black matt	9 4517 05	10



Power socket outlet 12 V

Operating voltage	12 ... 24 V
Rated current for 1.5 mm²	max. 15 A
Rated current for 2.5 mm²	max. 20 A
Flat connector size (size width x size width)	6.3 x 0.8 mm

- with fast-on terminal connection

Not suitable for 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	8 4571 25 01	200
anthracite matt	8 4571 25 05	200
grey glossy	8 4571 25 07	200
polar white glossy	8 4571 25 09	200
black matt	8 4571 25 03	200





Plug 12 V

Operating voltage
Rated current

12 ... 24 V
max. 8 A

Suitable for
Socket outlet 12 V

Order no.
9 4517 ..

Page
404



Design
black matt

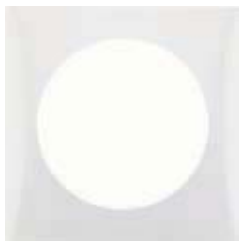
Order no.
4637

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	9 1827 25 01	10
anthracite matt	9 1827 25 05	10
grey glossy	9 1827 25 07	10
polar white glossy	9 1827 25 09	10
black glossy	9 1827 25 10	10
chrome matt, lacquered	9 1827 25 58	10
stainless steel matt, lacquered	9 1827 25 24	10



Frame 2gang

i 482

– for vertical and horizontal mounting

Design	Order no.	PU
brown matt	9 1826 25 11	2
anthracite matt	9 1826 25 15	2
grey glossy	9 1826 25 07	2
polar white glossy	9 1826 25 19	2
black glossy	9 1826 25 10	2
chrome matt, lacquered	9 1826 25 58	2
stainless steel matt, lacquered	9 1826 25 24	2



Frame 3gang

i 482

– for vertical and horizontal mounting

Design	Order no.	PU
brown matt	9 1819 25 11	2
anthracite matt	9 1819 25 15	2
grey glossy	9 1819 25 07	2
polar white glossy	9 1819 25 19	2
black glossy	9 1819 25 10	2
chrome matt, lacquered	9 1819 25 68	2
stainless steel matt, lacquered	9 1819 25 24	2



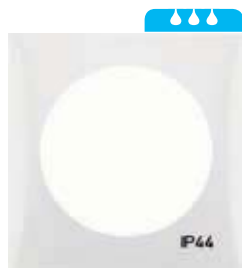
Frame

– labelling field



Labelling field height arranged for P-touch strips 6 mm.

Design	Order no.	PU
anthracite matt	9 1803 25 05	10
grey glossy	9 1803 25 07	10
polar white glossy	9 1803 25 09	10
chrome matt, lacquered	9 1803 25 68	10



Frame with imprint "IP44"

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	9 1827 25 91	10
anthracite matt	9 1827 25 95	10
grey glossy	9 1827 25 97	10
polar white glossy	9 1827 25 99	10
chrome matt, lacquered	9 1827 25 68	10

Frames with hinged cover



Frame with hinged cover

- for covering of socket outlets

Design	Order no.	PU
brown matt	9 1828 25 01	10
anthracite matt	9 1828 25 05	10
grey glossy	9 1828 25 07	10
polar white glossy	9 1828 25 09	10
black glossy	9 1828 25 10	10
chrome matt, lacquered	9 1828 25 78	10
stainless steel matt, lacquered	9 1828 25 24	10



Frame with hinged cover

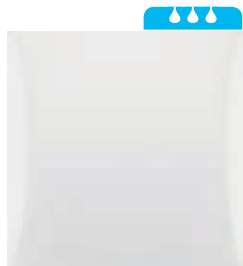
- labelling field



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	9 1988 25 05	10
grey glossy	9 1988 25 06	10
polar white glossy	9 1988 25 02	10



Frame with hinged cover and imprint "IP44"

- without sealing
- for waterproof covering of socket outlets

Design	Order no.	PU
brown matt	9 1828 25 91	10
anthracite matt	9 1828 25 95	10
grey glossy	9 1828 25 97	10
polar white glossy	9 1828 25 99	10
chrome matt, lacquered	9 1828 25 68	10

Surface-mounted housings



Surface-mounted housing high

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

Suitable for optional	Order no.	Page
Tube entry		page 410
replacement		
Wire and duct entry		page 410
Design	Order no.	PU

Design

without strain relief

brown glossy	9 1151 25 01	10
anthracite glossy	9 1151 25 05	10
grey glossy	9 1151 25 07	10
polar white glossy	9 1151 25 09	10
black glossy	9 1151 25 10	10

with strain relief

brown glossy	9 1151 25 11	10
anthracite glossy	9 1151 25 15	10
grey glossy	9 1151 25 17	10
polar white glossy	9 1151 25 19	10
black glossy	9 1151 25 20	10



Surface-mounted housing flat

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

without strain relief

anthracite glossy	9 1152 25 25	10
polar white glossy	9 1152 25 29	10

with 1 strain relief

anthracite glossy	9 1152 25 55	10
polar white glossy	9 1152 25 59	10

with 2 strain reliefs

anthracite glossy	9 1152 25 65	10
polar white glossy	9 1152 25 69	10



Supplementary products

Blind plates

New

Blank plate

- with supporting plate



Design

Order no.

PU

brown matt	9 4516 25 01	10
anthracite matt	9 4516 25 05	10
grey glossy	9 4516 25 07	10
polar white glossy	9 4516 25 09	10
black glossy	9 4516 25 10	10
chrome matt, lacquered	* 8 4516 25 68	200
stainless steel matt, lacquered	* 9 4516 25 24	10



Spacer rings



Surface-mounted spacer ring

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.	i 482
Design	Order no.		PU
brown glossy	9 1825 25 11		10
anthracite glossy	9 1825 25 15		10
grey glossy	9 1825 25 06		10
polar white glossy	9 1825 25 12		10
black glossy	9 1825 25 10		10
chrome matt, lacquered	9 1825 25 68		10
stainless steel matt, lacquered	9 1825 25 24		10

Contact protection boxes

– Flame resistant according to VDE 0606-1



Contact protection box Ø 45 mm, flat

Cable Ø	max. 12 mm	– only for switches and push-buttons	i 482
Insertion depth	22 mm	– with cable entry	
Strain relief not suitable for flat cables.			
Design	Order no.		PU
grey, with strain relief	9 1820 01		200



Contact protection box Ø 45 mm

Cable Ø	max. 12 mm	– for switches and socket outlets	i 482
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	918 20		200



Contact protection box Ø 49 mm

Cable Ø	max. 12 mm	– with 2 cable entries	i 482
Insertion depth	38 mm		
Strain relief not suitable for flat cables.			
Design	Order no.		PU
grey, with 1x internal double strain relief on side	918 87		200



Contact protection box Ø 49 mm, deep

Cable Ø	max. 12 mm	– with 2 cable entries on backside	i 482
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	918 83		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	9 1915 01	10
grey, with 2 strain reliefs	9 1915 02	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	919 33	10



Contact protection box Ø 58 mm for terminal attachment

Cable Ø	max. 12 mm			
Insertion depth	35 mm	Suitable for Fixing clamping ring	Order no. 818 36 ..	Page 409
Strain relief not suitable for flat cables.				

Design	Order no.	PU
grey, with 1x internal strain relief	818 37	200

Fixing clamping rings



Fixing clamping ring

Hole Ø	50 mm	Suitable for Contact protection box Ø 58 mm for terminal attachment	Order no. 818 37	Page 409
For Berker Integro inserts, e. g. for installation in a mirror.				
Design	Order no.		PU	
grey, material thickness 5 mm	818 36		200	
dark grey, material thickness 4 mm	8 1836 01		200	
polar white matt, material thickness 6 mm	8 1836 02		200	

Mounting templates



Mounting template 3gang, cardboard

For precise hole drilling for 1gang appliances
and for 2gang and 3gang combinations.

Design	Order no.	PU
grey, cardboard	918 44	10

Entries/connectors



Wire and duct entry

Also suitable for surface-mounted frames and housings from the flush-mounted programmes.

– for wire or 15 x 15 mm cable duct

Design

white

polar white

black

Suitable for

Surface-mounted housing high

Order no.

9 1151 ..

Page

407

Order no.

1813

1813 09

1813 05

PU

10

10

10



Tube entry

Distance from wall to centre of pipe

16 mm

Also suitable for surface-mounted frames and housings from the flush-mounted programmes.

Suitable tubes for surface-mounted installation can be purchased at www.fraenkische-elektro.de.

– for tubes with coupling dia. 20.5 mm (PG 13.5) and M 20

– for tubes with Ø 15.2 mm (PG 9) and M 16

Suitable for

Surface-mounted housing high

Order no.

9 1151 ..

Page

407

Design

polar white

black

Order no.

1817 09

1817 05

PU

10

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

SCHUKO socket outlets

Socket outlets with earthing pin

Rocker switches

Multi-pole rocker switches

Rocker push-buttons

Frame with imprint "IP44"

Frame with hinged cover and imprint "IP44"

Order no.

9 1827 ..

9 1828 ..

Page

page 390

page 392

page 395

page 396

page 397

406

406

Design

black

Order no.

918 53

PU

10

Berker Manufaktur

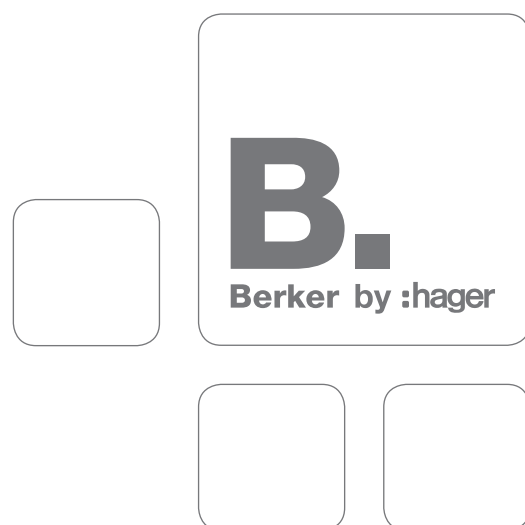
More and more people are following the trend of not following a trend. For these people, there is Berker Manufaktur.

This is where we create switches that are a real blend of hi-tech and handicraft, that are utterly unique. We often design items together with architects and planners for a very particular property or for a special project. Some have their source in the very special wishes of a property owner who is looking for 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 R.1,
brass, satin-sanded with protection lacquer



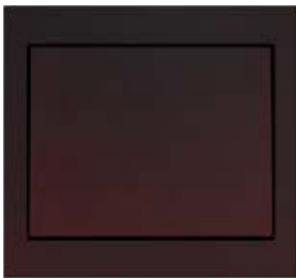
Berker R.1,
stainless steel, 24k gold plated



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.

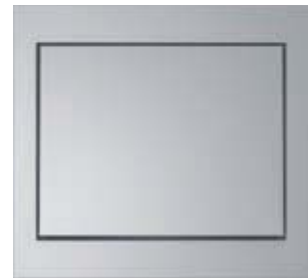
Surface finishes



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

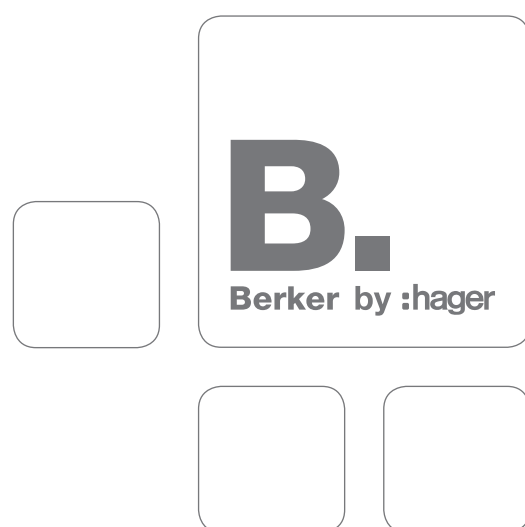
Berker.Net conventional electronic platform

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	Suitable for optional
- parallel compensated	1000 W /130 µF	Making current limiter
- 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 ²	
Operating temperature	-5 ... +45 °C	
Housing installation depth	22 mm	
Claw guidance installation depth	32 mm	

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	8512 12 00	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 ²	
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 00	1



Switch insert 2gang

i 468

Operating voltage	230 V~
Frequency	50/60 Hz
Dimmable 230 V retrofit LED lamps	per channel 12 ... 54 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 ²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

- low intrinsic energy requirement
- automatic setting to dimmable loads (autoDetect process)
- 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

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	8512 22 00	1

Dimmer inserts



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 ²
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
- expandable with universal power boosters RMD Plus
- 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

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



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



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 ²
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	8542 12 00	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 ²
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	8542 21 00	1

DALI control devices

New



DALI/DSI control insert

DALI cable length at 1.5 mm ²	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 ²	- 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 ¹⁾	8514 11 39	1
black glossy ¹⁾	8514 11 31	1

¹⁾ 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
Order no.		PU

Design

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 ¹⁾	8514 21 39	1
black glossy ¹⁾	8514 21 31	1



New



¹⁾ 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	Suitable for optional
- parallel compensated	1000 W / 130 µF	Making current limiter
- 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 ²	
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 00	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 ²	
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 00	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 ²
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
- expandable with universal power boosters RMD Plus
- 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

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



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



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 ²
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	8542 12 00	1



Extension unit for motion detector

i 468

Operating voltage	230 V~
Frequency	50/60 Hz
Cable length, extensions	max. 50 m
Number of motion detector extension units	unlimited
Screw terminals (max.)	2 x 1.5/1 x 2.5 mm ²
Operating temperature	-5 ... +45 °C
Insertion depth	32 mm

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



Design	Order no.	PU
Extension unit for motion detector	8532 01 00	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	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	8534 12 82	1
polar white glossy	8534 12 89	1
polar white matt	8534 12 88	1
anthracite matt	8534 12 85	1
aluminium, matt, lacquered	8534 12 83	1

Berker Q.1/Q.3

white velvety	★ 8534 12 22	1
polar white velvety	8534 12 29	1
anthracite velvety, lacquered	8534 12 26	1

Berker K.1/K.5

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

Berker R.1/R.3

polar white glossy ¹⁾	8534 12 39	1
black glossy ¹⁾	8534 12 31	1

¹⁾ no dismantling protection possible





IR motion detector comfort 2.2 m

i 468

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

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

Suitable for Inserts Order no. Page page 426

Design

Order no.

PU

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

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

Berker Q.1/Q.3

white velvety	* 8534 22 22	1
polar white velvety	8534 22 29	1
anthracite velvety, lacquered	8534 22 26	1

Berker K.1/K.5

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

Berker R.1/R.3

polar white glossy ¹⁾	8534 22 39	1
black glossy ¹⁾	8534 22 31	1

¹⁾ no dismantling protection possible



Motion detector 1.1 m

i 468

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

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

Suitable for Inserts Order no. Page page 426

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 S.1/B.3/B.7

white glossy	8534 11 82	1
polar white glossy	8534 11 89	1
polar white matt	8534 11 88	1
anthracite matt	8534 11 85	1
aluminium, matt, lacquered	8534 11 83	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 ¹⁾	8534 11 39	1
black glossy ¹⁾	8534 11 31	1

¹⁾ no dismantling protection possible



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
		- with anti-dismantling protection

Suitable for	Order no.	Page
Inserts		page 426
Order no.		PU

Design

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 ¹⁾	8534 21 39	1
black glossy ¹⁾	8534 21 31	1

¹⁾ no dismantling protection possible



Blind control



Blind insert comfort

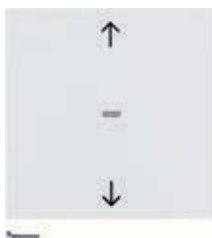
i 468

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 $\cos \varphi = 0.6$	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 ²	
Operating temperature	-5 ... +45 °C	
Housing installation depth	22 mm	
Claw guidance installation depth	32 mm	

Suitable for optional	Order no.	Page
Interface surface-mounted for wind sensor	173 ..	93
Precipitation sensor	183 01 ..	93

Design	Order no.	PU
Blind insert comfort	8522 11 00	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
		- party function, no execution of automatic, radio and extension unit commands (lock-out protection)
		- with imprinted symbol arrows
		- with anti-dismantling protection

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

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

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

Berker Q.1/Q.3

white velvety	* 8524 11 22	1
polar white velvety	8524 11 29	1
anthracite velvety, lacquered	8524 11 26	1

Berker K.1/K.5

polar white glossy	8524 11 79	1
anthracite matt, lacquered	8524 11 75	1
aluminium, matt, lacquered	8524 11 77	1
stainless steel matt, lacquered	8524 11 73	1

Berker R.1/R.3

polar white glossy ¹⁾	8524 11 39	1
black glossy ¹⁾	8524 11 31	1

¹⁾ no dismantling protection possible



Blind time switch

- 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

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.

- 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

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

Design

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

white glossy	8574 11 82	1
polar white glossy	8574 11 89	1
aluminium, matt, lacquered	8574 11 83	1
anthracite matt	8574 11 85	1
polar white matt	8574 11 88	1

Berker Q.1/Q.3

white velvety	★ 8574 11 22	1
polar white velvety	8574 11 29	1
anthracite velvety, lacquered	8574 11 26	1

Berker K.1/K.5

polar white glossy	8574 11 79	1
anthracite matt, lacquered	8574 11 75	1
aluminium, matt, lacquered	8574 11 77	1
stainless steel matt, lacquered	8574 11 73	1

Berker R.1/R.3

polar white glossy ¹⁾	8574 11 39	1
black glossy ¹⁾	8574 11 31	1

¹⁾ no dismantling protection possible



New



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

- labelling field
- screw terminals



Rated voltage	250 V~
Frequency	50/60 Hz
Rated current	16 A
Insertion depth	32 mm

Labelling field height arranged for P-touch strips 6 mm.

Overvoltage protection according to EN 61643 and VDE 0675-6-11

Connection terminals according to IEC 60884-1

- with imprint
- with indicator LED for "on/error"
- with acoustic fault signal
- with screw terminals

i 476

Design

Order no.

PU

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

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

Berker Q.1/Q.3

polar white velvety	4108 60 89	1
anthracite velvety, lacquered	4108 60 86	1
red velvety	4108 60 62	1

Berker K.1/K.5

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

Berker Arsys

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

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

white glossy	4708 89 82	1
polar white glossy	4708 89 89	1
polar white matt	4708 19 09	1

Berker Q.1/Q.3

white velvety	★ 4708 60 82	1
polar white velvety	4708 60 89	1
anthracite velvety, lacquered	4708 60 86	1

Berker K.1/K.5

polar white glossy	4708 70 09	1
anthracite matt, lacquered	4708 70 06	1
aluminium matt, lacquered	4708 70 03	1
stainless steel matt, lacquered	4708 70 04	1



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)

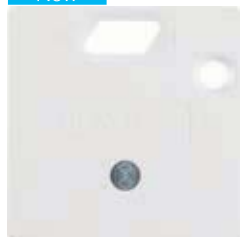
Suitable for use according to DIN VDE 0100-410

Design	Order no.	PU

Residual current circuit-breaker	2844	1



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	1493 02	1
polar white glossy	1493 09	1
white velvety	★ 1493 19 02	1
polar white matt/velvety	1493 19 09	1
anthracite matt	1493 16 06	1
brown glossy	# 1493 01	1
aluminium matt, lacquered	1493 14 04	1
light bronze matt, lacquered	# 1493 11	1
stainless steel matt, lacquered	1493 04	1



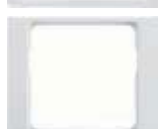
Adapter ring for centre plate 50 x 50 mm

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
Berker S.1/B.3/B.7		
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
Berker Q.1/Q.3		
white velvety	★ 1109 60 72	10
polar white velvety	1109 60 79	10
anthracite velvety, lacquered	1109 60 76	10
Berker K.1/K.5		
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
Berker Arsys		
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

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	9251 02	1
brown glossy	9251 01	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	9252	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	9253 02	1
brown glossy	9253 01	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	9155	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 mm²
-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	9051 50	1



Indoor siren

Operating voltage	9 ... 14 V=
Rated current at 12 V=	140 mA
Acoustic pressure at a distance of 1 m	110 dB
Settable signal frequency	2800 ... 3100 Hz
Switch-on time (ED)	100 %
Operating temperature	-20 ... +60 °C
Dimensions (W x H x D)	145 x 95 x 30 mm

- for connection to alarm central unit and KNX alarm central unit
- with sabotage protection by contact in cover
- with loud piezo signal generator, dual tone
- with fitting material
- with break-out cable entry at top/bottom and backside
- with screw terminals

The indoor siren serves firstly to alarm the residents, for example when there is a smoke alarm. Secondly, the loud acoustic signal scares away criminals.

The indoor siren can be operated together with the external siren on the alarm central unit.



Design	Order no.	PU
polar white	9050	1

Central plates for external signalling and command units



Central plate with installation opening Ø 22.5 mm

Screw spacing	36 mm

- with supporting plate
- without spreader claws
- with cut-out dia. 22.5 mm
- labelling field latchable

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

Caution!

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

Installation aperture according to IEC 60947-5-1

Manufacturer product line

Signalling and command units

Kraus-Naimer

Lumitas

Schlegel

Overvoltage protection devices

Dehn

OBO-Bettermann

Art. No.

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



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

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

9103 01

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

9103 12

1



Lock cylinder

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

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

Design

Order no.

PU

with differing closures

with differing closures

1818

1

with same closures

with same closures

1818 01

1

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	9108	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	9107	1

Supplementary products

Distribution terminals

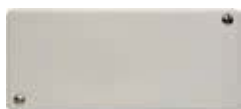


Distribution terminal flush-mounted

Rated voltage	12 V=	- with sabotage protection by contact in cover
		- with cover
		- with 8pole through-contacted circuit board
		- without spreader claws
		- suitable for standard, commercially-available flush-mounted and hollow-wall boxes
		- with screw terminals



Design	Order no.	PU
polar white matt	9254	1



Distribution terminal surface-mounted

Rated voltage	12 V=	- 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	9259	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 m²
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

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

- 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

Design

Order no.

PU

Individual unit

polar white matt

★ T G522 A2

1

Set with 3 smoke detectors

polar white matt

★ T G523 AL

1

Set consisting of 36 smoke detectors

polar white matt

★ TG52 5A

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 ²
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 ²
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	 T G551 A2	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:

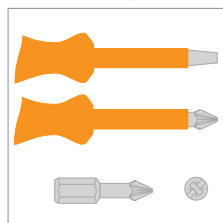
Abrasives and polishes, acid-based (scale removing) detergents and detergents containing chlorine will generally damage all surfaces. Moreover, painted/lacquered surfaces must not come in contact with detergents that contain alcohol.



Tool sizes/Switch lighting	i448	SCHUKO socket outlet with residual current circuit breaker	i475
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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..]

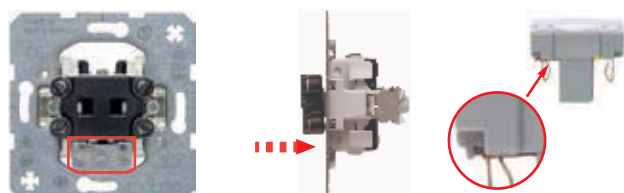


Figure 1: The neon lamp unit (without removing the switch) can be inserted or replaced from the front. Depending on the application, the contact reed (s. figure on the right) must be removed

Applications

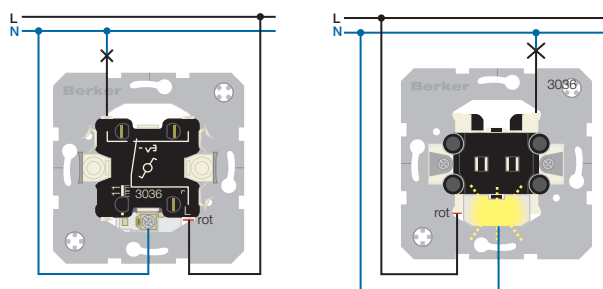


Figure 2: Constantly illuminated, switch-off with change-over switch (remove contact reed on the neon lamp unit)

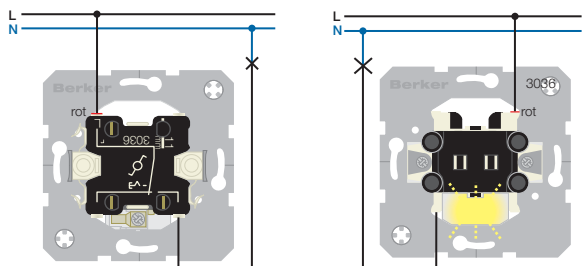


Figure 3: Illuminates when OFF, switch-off with change-over switch

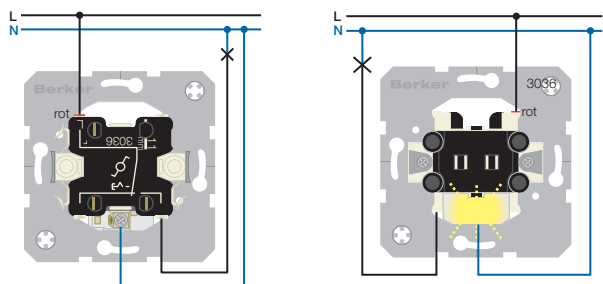


Figure 4: Illuminates when ON, switch-off with change-over switch (remove contact reed on the neon lamp unit)

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

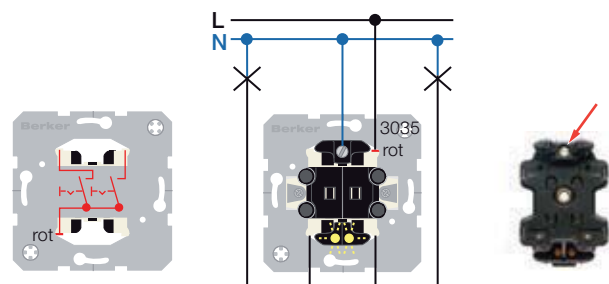


Figure 6: Series monitoring circuit (unit lights up per series when "On"), N terminal (s. figure on the right)

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

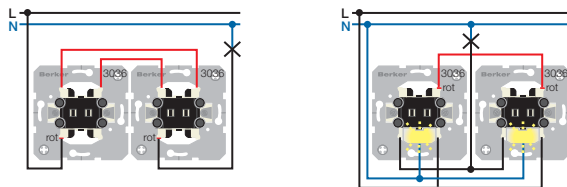


Figure 1: Change-over circuit / Control change-over switching*: neon lamp unit lights up if "On"

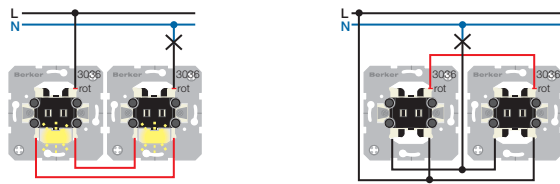


Figure 2: Change-over switching lights up: Neon lamp unit lights up if "Off" / economy change-over circuit: Phase and lamp wire are in each switch wall box

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

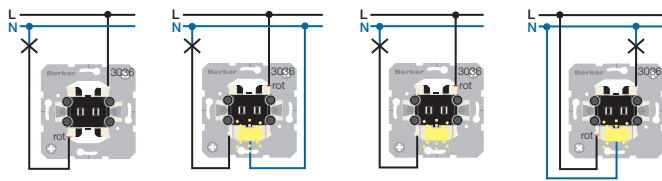


Figure 3: Switch-off / control switch-off*: Neon lamp unit lights up if "On" / Switch-off lights up: Neon lamp unit lights up if "Off" / Switch off : Constantly illuminated*

Switch off operations 2pole, 10 AX

3032 On/off switch 2pole
e.g. 1675 Neon lamp unit

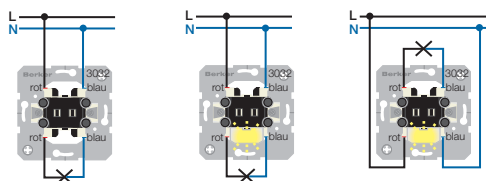


Figure 4: Switch-off 2pole / control switch-off 2pole: Neon lamp unit lights up if "On" / Switch off 2pole: Constantly illuminated

Switch off operations 2pole, 16 AX

3032 12 On/off switch 2pole
1600 02 Neon lamp unit for switches/
push-buttons

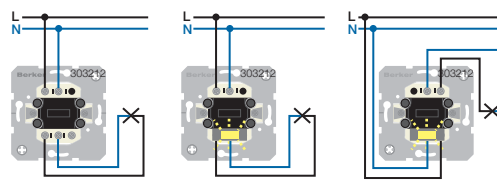


Figure 5: Switch-off 2pole / control switch-off 2pole: Neon lamp unit lights up if "On" / Switch off 2pole: Constantly illuminated

Switch off operations 3pole

3033 03 On/off switch 3pole
1600 Neon lamp unit for on/off switch
3pole

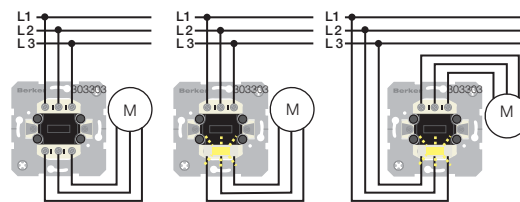


Figure 6: Switch-off 3pole / control switch-off 3pole: Neon lamp unit lights up if "On" / Switch off 3pole: Constantly illuminated

Connections in series

3035, 3035 50 Series switch
1680 LED unit with N terminal
e.g. 1675 Neon lamp unit

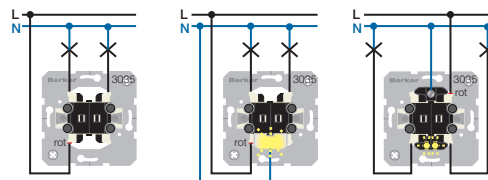


Figure 7: Connection in series / Control connection in series: LED unit lights up per series if "On" / connection in series: Constantly illuminated*

Mechanical timer [Order no. 2040, 2041]

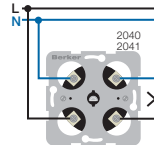


Figure 8: Off switching 2pole

Intermediate switching operations

3037 Intermediate switch
1675 Neon lamp unit with N terminal

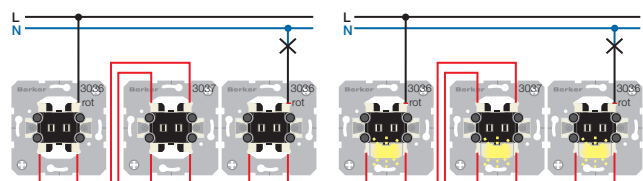


Figure 9: Intermediate switching / Intermediate switching lights up: Neon lamp unit lights up if "Off"

* Remove detachable contact reed on the neon lamp unit

Applications with double change-over switch

3038 08 Double change-over switch
1600 02 Neon lamp unit for switches/
push-buttons

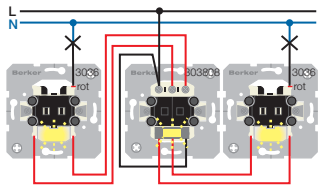


Figure 1: Change-over switching with double change-over switch: Neon lamp unit on the double change-over switch lights up if the right switch is "Off"

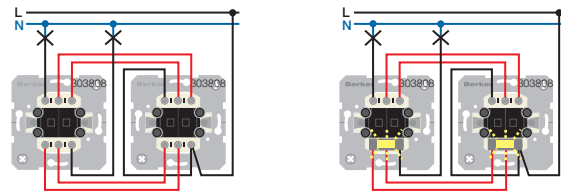


Figure 2: Double change-over switch / Double change-over switch lights up: Neon lamp unit lights up if left switch is "Off"

PUSH-BUTTONS

Applications push-button

5031, 5031 50 Push-button NO contact
1675 Neon lamp unit with N terminal

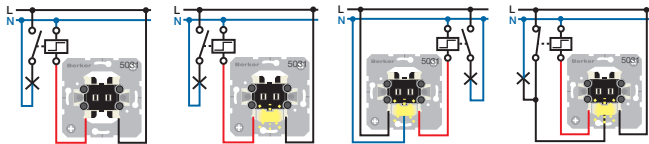


Figure 1: Push-button, NO contact / push-button lights up: Only a limited number of push-buttons are to be switched in parallel or the neutral conductor must be provided / push-button constantly illuminated*: any number of push-buttons switchable in parallel, the neutral conductor must be included / monitoring circuit*

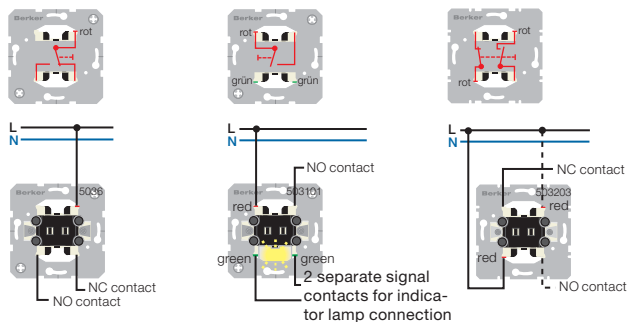


Figure 2: Push-button, change-over contact [Order no. 5036] / push-button, NO contact with 2 separate signalling contacts [Order no. 5031 01] / push-button, NC contact + NO contact, isolated input terminal [Order no. 5032 03]

Applications series push-button

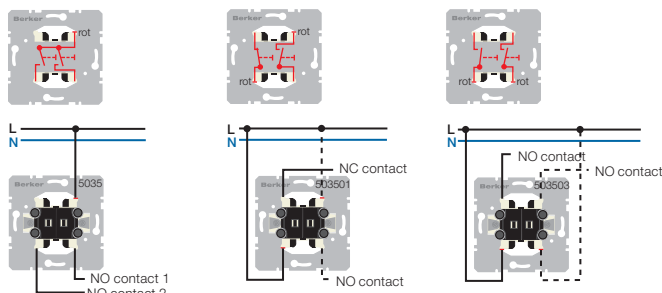


Figure 3: Series push-button, 2 NO contacts, common input terminal [Order no. 5035] / series push-button, NC contact + NO contact isolated input terminals [Order no. 5035 01] / series push-button, 2 NO contacts, isolated input terminals [Order no. 5035 03]

* Remove detachable contact reed on the neon lamp unit

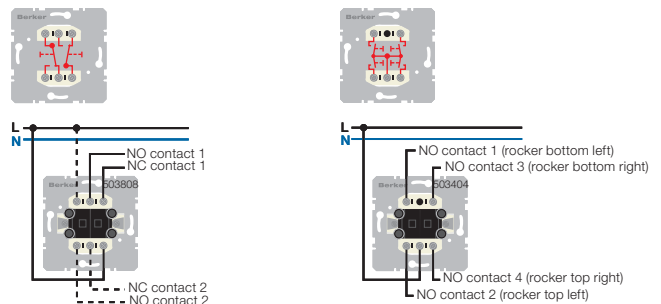


Figure 4: Series push-button, 2 change-over contacts, isolated input terminals [Order no. 5038 08] / Group series push-button, 4 contacts, common input terminal [Order no. 5034 04]

Applications pullcord push-button

3956 19 Pullcord push-button, change-over contact with separate signal contact

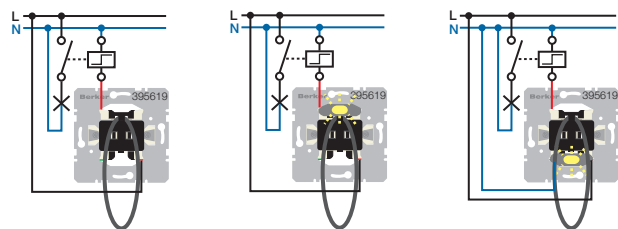


Figure 5: Pullcord push-button, change-over contact / pullcord push-button illuminated: Only a limited number of push-buttons are to be switched in parallel or the neutral conductor must be included / pullcord push-button constantly illuminated: Any number of push-buttons switchable in parallel, the neutral conductor must be included

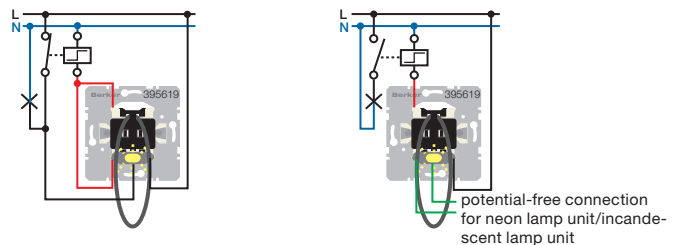


Figure 6: Control pullcord push-button*, change-over contact / control pullcord push-button*, change-over contact with separate signal contact

* 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.

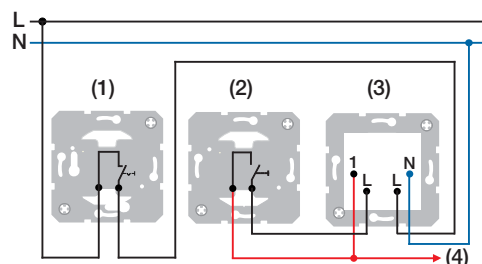


Figure 1: Connection example of colour switching via outer conductor, looped

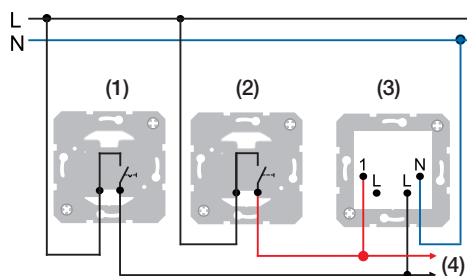


Figure 2: Connection example of colour switching via outer conductor, not looped

- 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

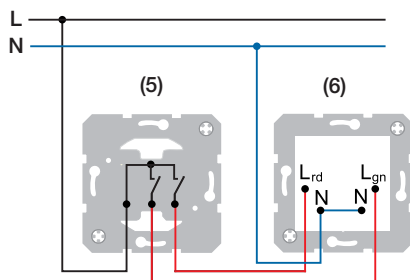


Figure 3: Connection example of LED signal light, red/green lighting

- 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.

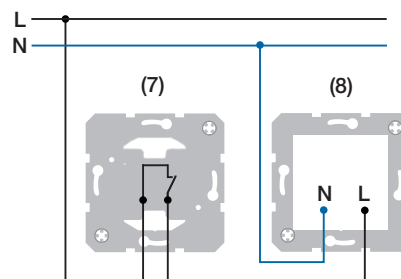


Figure 4: Connection example of LED signal light, white lighting

7 Off/changeover switch

8 Insert of LED signal light, white lighting

Brightness setting

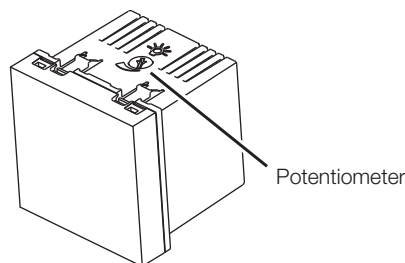


Figure 5: Brightness setting of LED signal light, RGB and LED signal light, white lighting

Technical data

LED signal light	
Rated voltage	230 V~
Mains frequency	50 Hz
Number of LEDs	4
Connection single stranded	2.5 mm ²
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

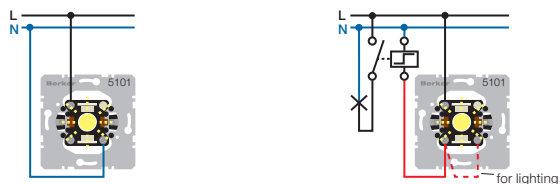


Figure 1: Pilot lamp E10
Push-button illuminated, when using neon lamps only
a limited number of push-buttons are to be switched in

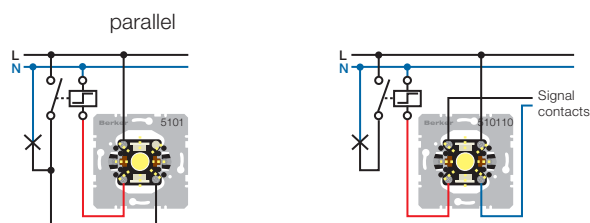


Figure 2: Control push-button
Push-button with separate signalling contacts, e.g. for connecting an indicator lamp

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.

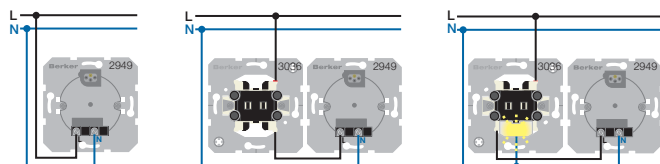


Figure 1: Constant lighting / switch-off / monitoring circuit* - neon lamp unit lights up when pilot lamp is switched on

* 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.

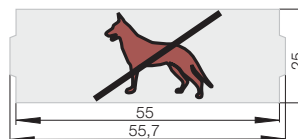


Figure 2: Dimensions of text and symbol signs

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 ² or 2 x 1.5 mm ²

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:

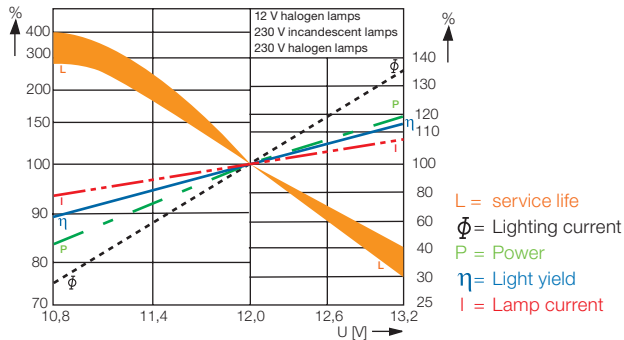
minus 10 %	– per 5° C above 25° C
	– external devices in multiple combinations
minus 15 %	in wood or plasterboard wall
minus 20 %	internal devices in multiple combinations

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

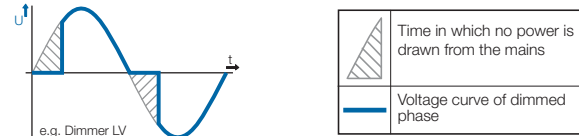
When using third-party transformers in conjunction with Berker Tronic dimmers and universal dimmers, malfunctions may occur because the components are not optimally attuned to each other.

Universal dimmer

Universal dimmers detect the load type during commissioning and automatically set the correct dimming principle.

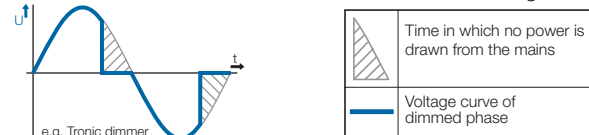
Dimming principles:

- 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

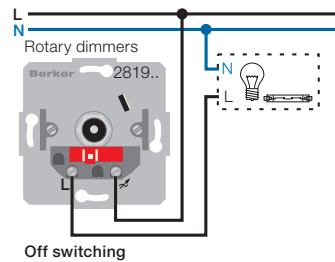


The Tronic dimmer is activated when the sine half-wave passes through zero and deactivated again after the time set by the dimming. At the next sine wave zero the Tronic dimmer releases the current flow again. This process is repeated with each sine half-wave - that is, 100 times per second (50 Hz). 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

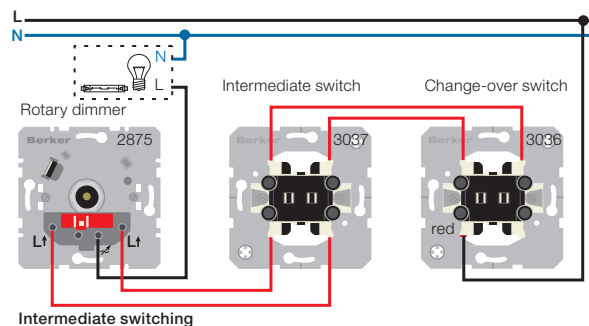
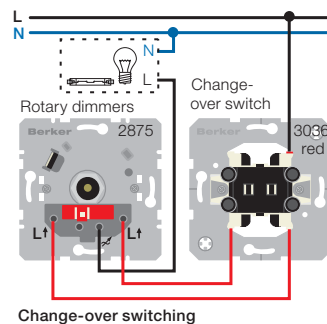
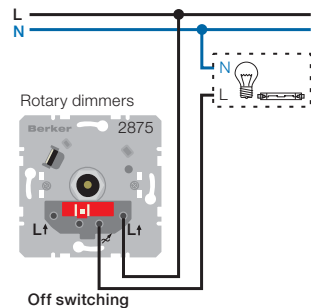
Dimmer type:	Standard phase cut-on dimmers	Low voltage phase cut-on dimmers	Phase cut-off dimmers	Universal dimmer	Speed controller
Load type:					
Standard 230 V incandescent lamps	 R matches > OK Combination can be used!	R matches > OK Combination can be used!	R matches > OK Combination can be used!	R matches > OK Combination can be used!	No Match > Combination unsuitable
230 V halogen and incandescent lamps	 R matches > OK Combination can be used!	R matches > OK Combination can be used!	R matches > OK Combination can be used!	R matches > OK Combination can be used!	No Match > Combination unsuitable
12 V halogen lamps with conventional dimmable transformer	 No Match > Combination unsuitable	L matches > OK Combination can be used!	No Match > Combination unsuitable	L matches > OK Combination can be used!	No Match > Combination unsuitable
12 V halogen lamps with electronic transformer with capacitive characteristics	 No Match > Combination unsuitable	No Match > Combination unsuitable	C matches > OK Combination can be used!	C matches > OK Combination can be used!	No Match > Combination unsuitable
12 V halogen lamps with electronic transformer with inductive characteristic	 No Match > Combination unsuitable	L matches > OK Combination can be used!	No Match > Combination unsuitable	L matches > OK Combination can be used!	No Match > Combination unsuitable
12 V halogen lamps with electronic transformer with inductive or capacitive characteristics	 No Match > Combination unsuitable	L matches > OK Combination can be used!	C matches > OK Combination can be used!	L, C matches > OK Combination can be used!	No Match > Combination unsuitable
Motors	 No Match > Combination unsuitable	No Match > Combination unsuitable	No Match > Combination unsuitable	No Match > Combination unsuitable	M matches > OK Combination can be used!

Rotary dimmer 400 W



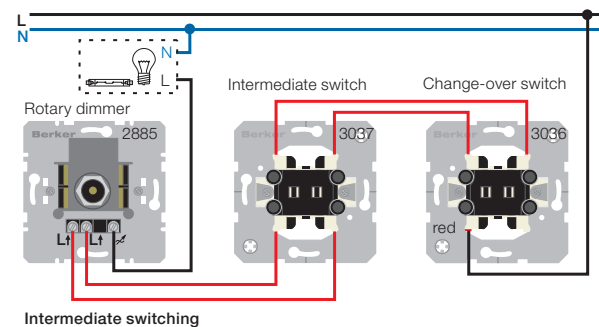
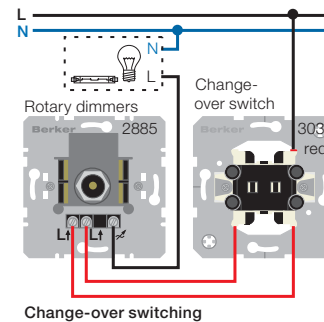
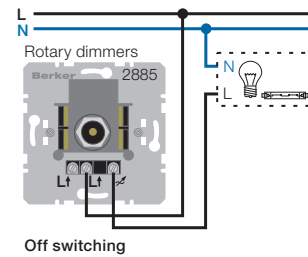
Technical data	Rotary dimmer 400 W Order no. 2819..
Rated voltage	230 V~, 50 Hz
Connected load	230 V incandescent lamps and halogen lamps 60 ... 400 W mixed loads of specified loads
Power boosters built-in (R, L)	max. 10
Control principle	phase cut-on
Noise	low noise
Fine-wire fuse	T 1.6 H 250
Radio interference suppression	acc. to EN 55015
Operating temperature	5 ... 25 °C (observe operating conditions see i452)
Connecting terminals	Screw terminals for max. 2.5 mm ² or 2 x 1.5 mm ²

Rotary dimmer 600 W



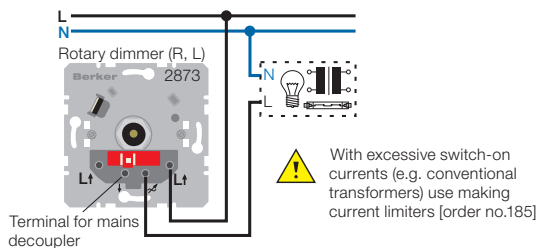
Technical data	Rotary dimmer 600 W Order no. 2875
Rated voltage	230 V~, 50 Hz
Connected load	230 V incandescent lamps and halogen lamps 60 ... 600 W, (60 ... 450W) mixed load of the specified load types
Power boosters built-in (R, L)	max. 10
Dimming principle	phase cut-on
Noise	low noise
Fine-wire fuse	T 2.5 H 250
Radio interference suppression	acc. to EN 55015
Operating temperature	5 ... 25 °C (observe operating conditions see i452)
Connecting terminals	Plug-in terminals for max. 2.5 mm ² or 2 x 1.5 mm ²

Rotary dimmer 1000 W

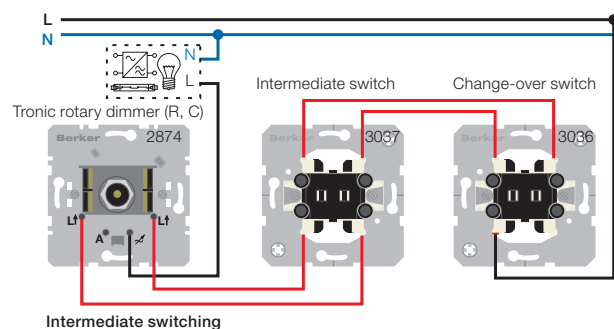
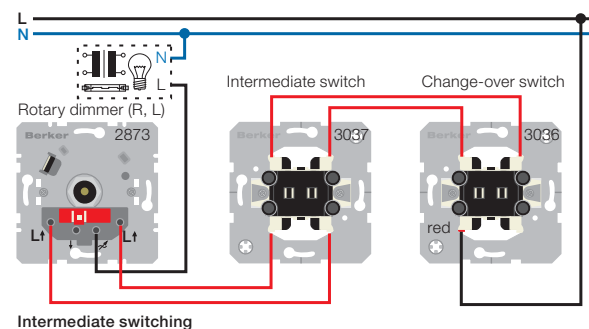
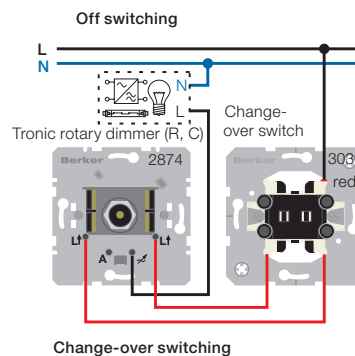
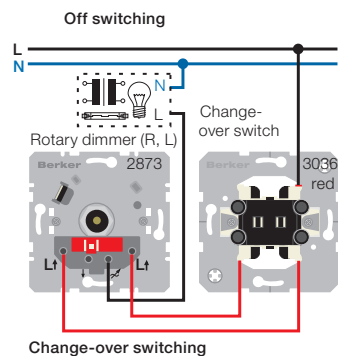
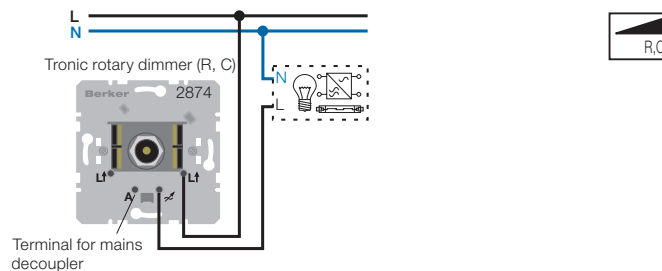


Technical data	Rotary dimmer 1000 W Order no. 2885..
Rated voltage	230/240 V~, 50 Hz
Connected load	230 V incandescent lamps and halogen lamps 100 ... 1000 W mixed loads of specified loads
Tronic- and power boosters built-in (R, L)	max. 10
Dimming principle	phase cut-off
Noise	very low noise
Short-circuit 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 i452)
Connecting terminals	Screw terminals 0.75 ... 4 mm ²

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 i452)
Connecting terminals		Plug-in terminals for max. 2.5 mm ² or 2 x 1.5 mm ²

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 i452)
Connecting terminals		Plug-in terminals for max. 2.5 mm ² or 2 x 1.5 mm ²

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

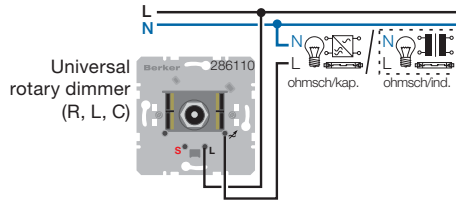


Figure 1: Off switching

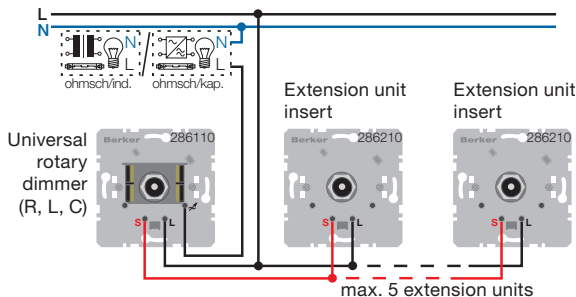


Figure 2: Operation with extension unit(s)

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
- Tronic transformers	capacitive: 50 .. 420 W
- conv. transformers	(subject to min. 85 % of rated load) incl. transformer power dissipation,
	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 ² or 2 x 1.5 mm ²

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.

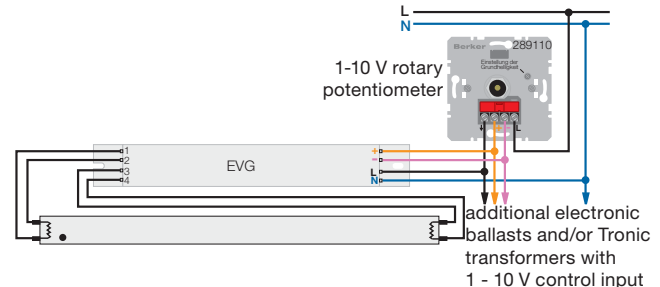


Figure 1: Off switching with 1-10 V rotary potentiometer

1 - 10 V push-button rotary potentiometer, NO contact [2891 10]

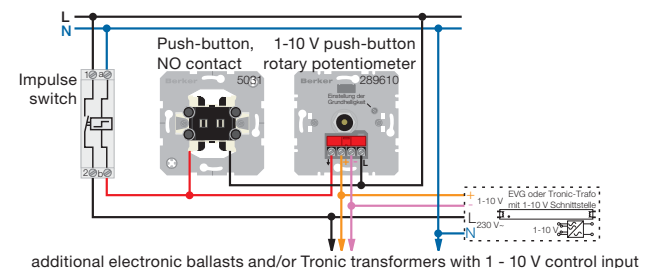


Figure 1: Change-over switching with impulse switch

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 ² or 2 x 2.5 mm ²

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

- i** Not suitable for combining with other DALI systems.
- i** The control line and load line can be laid in a common cable.
- i** 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.

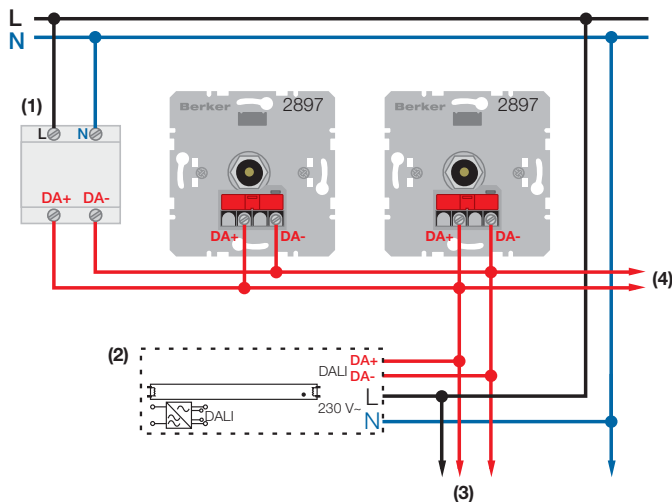


Figure 1: Connection of DALI rotary potentiometers as equally entitled control section

- 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 ²	max. 100 m
– at 0.75 mm ²	max. 100 ... 150 m
– at 1.5 mm ²	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 ² or 1 x 4 mm ²

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).

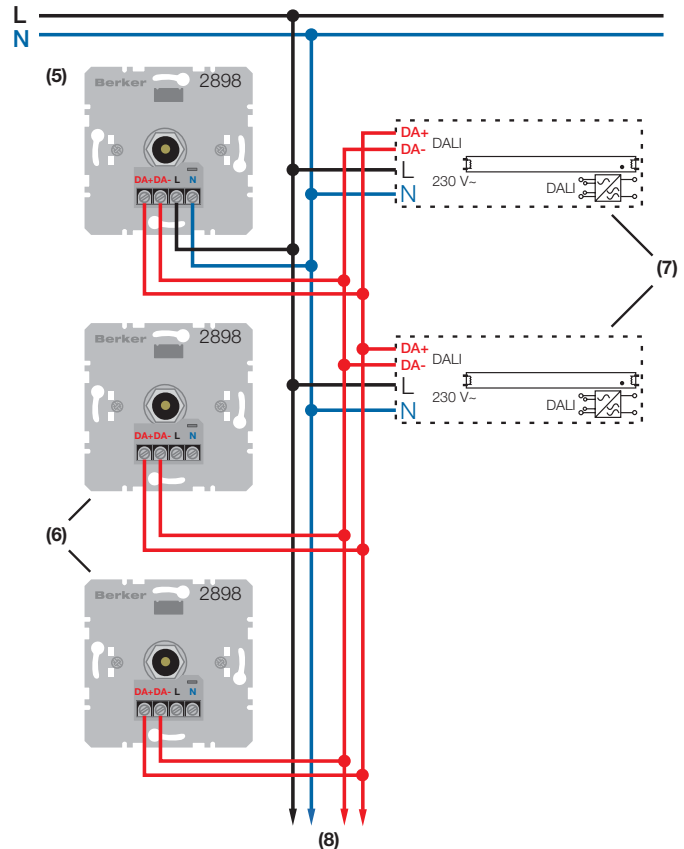


Figure 2: Connection of DALI rotary potentiometers as equally entitled control section

- 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

- i** 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 ²	max. 100 m
– at 0.75 mm ²	max. 100 ... 150 m
– at 1.5 mm ²	max. 150 ... 200 m
Operating temperature	5 ... 35 °C
Connecting terminals	Screw terminals for max. 2 x 2.5 mm ² or 1 x 4 mm ²

Push-button for hotel card, relay switch for hotel card

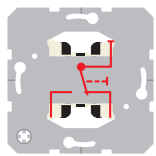
The push-button and relay switch for hotel card allow the central switching of electrical loads and additionally provide a storage possibility for the hotel card.

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

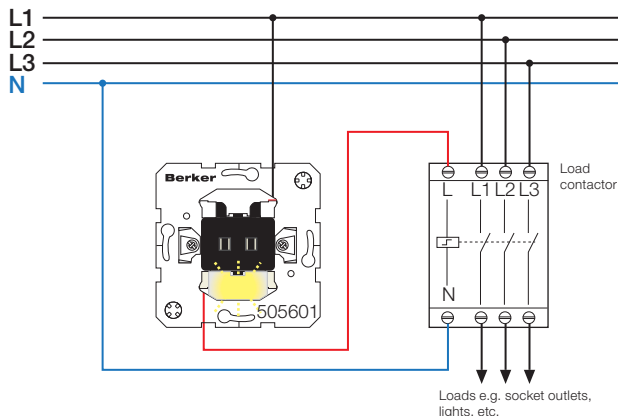


Figure 1: Push-button, change-over contact for hotel card: Neon lamp unit lights up only when the hotel card is not inserted.

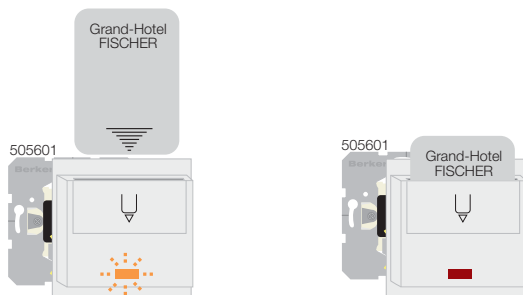


Figure 2: Orientation lighting for hotel card applications

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 or 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.

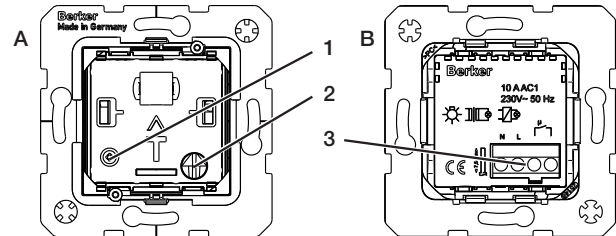


Figure 3: Relay switch for hotel card: Front view (A) without design cover, hotel card mounting device, fixing element and rear view (B)

- 1 LED as orientation light
- 2 Potentiometer for adjustment of delay time
- 3 Terminal block

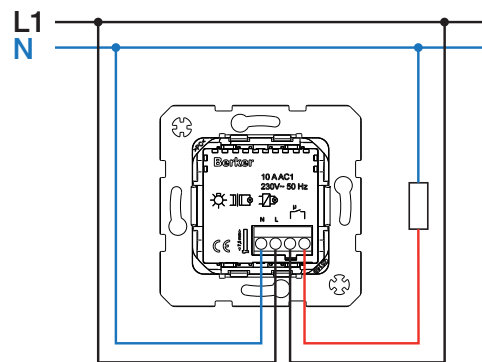


Figure 4: Connection of the load directly via the relay switch for hotel card

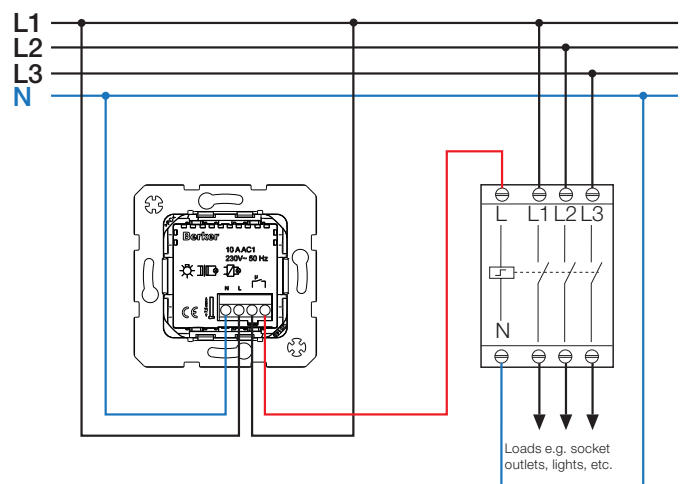


Figure 5: Connection of loads via a load contactor

IR presence detectors

Function elements and operating elements

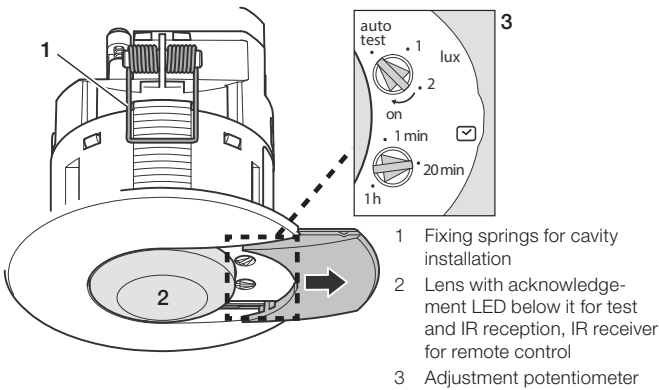


Figure 1: Device overview

Installation modes

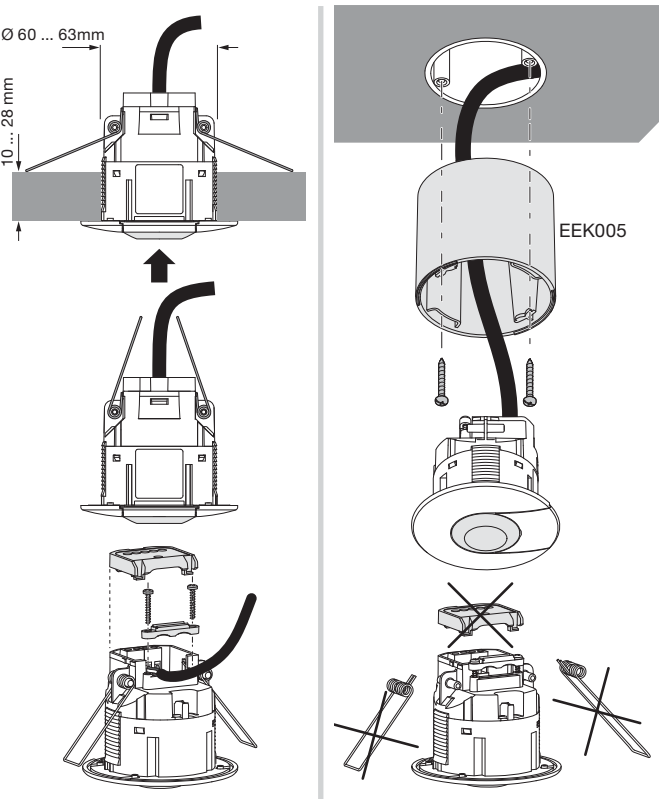


Figure 2: Installation in suspended ceiling or in wall-mounted housing EEK005

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.

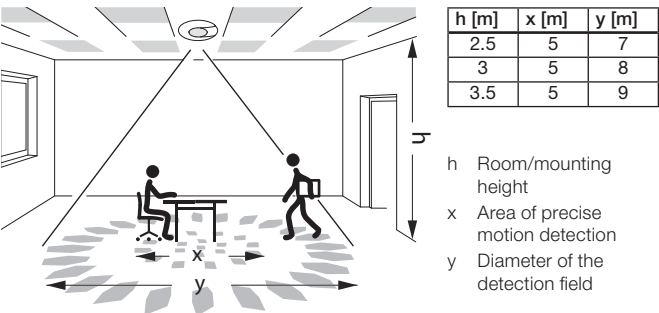


Figure 3: Dependence of detection area on the mounting height

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 i 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
– Setting response brightness – Setting switch on delay – Selecting operating mode – Resetting to factory setting – 2 Configuration memory for convenient multiple startups	– Switching controlled lighting Only with EE 816 (DALI/DSI) – Dimming controlled lighting – Saving and opening 4 different brightness levels.

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.

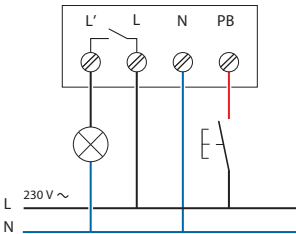


Figure 1: Connection of the IR presence detector

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.

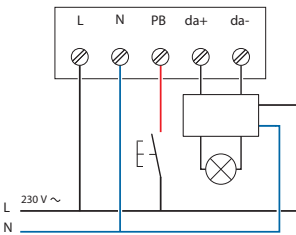


Figure 1: Connection of the DALI presence detector

Presence detector surface-mounted/ flush-mounted

Installation modes

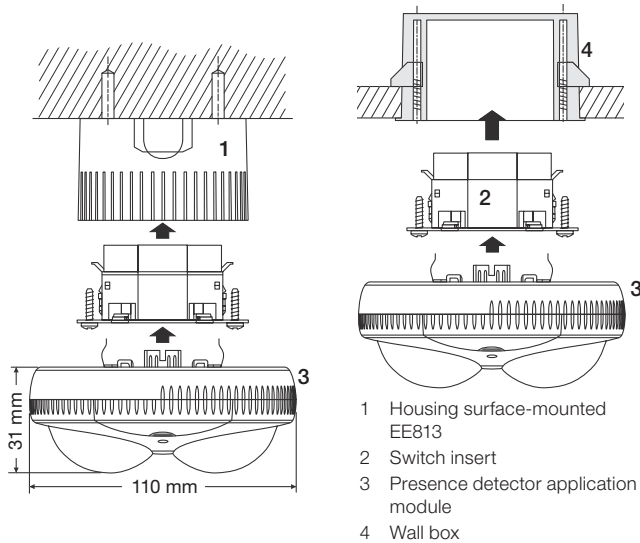


Figure 1: Installation in suspended ceiling or in wall-mounted housing EE813

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!

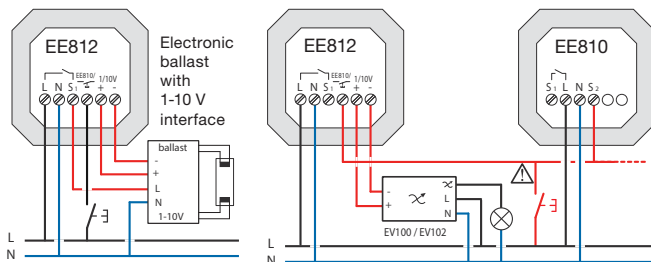


Figure 2: Connection to electronic ballast with 1-10 V interface/ connection in master-slave mode with EE810

Presence detector 1-channel surface-mounted/surface-mounted [EE810]

Connection

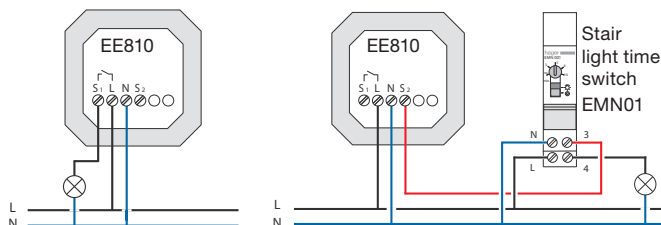


Figure 3: Direct connection of a light / control of a stair light time switch

Switch/push-button in blind applications, key switch

Applications blind series switch/push-button

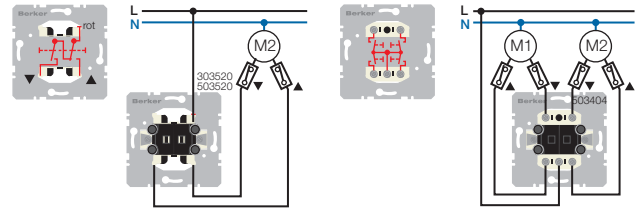


Figure 1: Blind series switch 1pole [Order no. 3035 20]; blind series push-button 1pole [Order no. 5035 20] / group series push-button, 4 NO contacts, common input terminal [Order no. 5034 04] as blind push-button

Applications switch/push-button for blinds

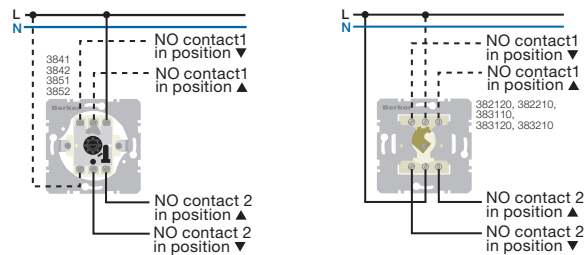


Figure 2: Rotary switch for blinds 1pole and 2pole [Order no. 3841, 3842]; switch for blinds 1pole and 2pole for centre plate with lock [Order no. 3851, 3852] / switch/push-button for blinds 1pole and 2pole for lock cylinder [Order no. 382..., 383...]

Applications key switch

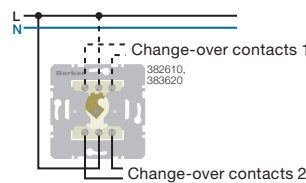


Figure 3: Change-over switch 1pole and 2pole for lock cylinder [Order no. 3826 10, 3836 20]

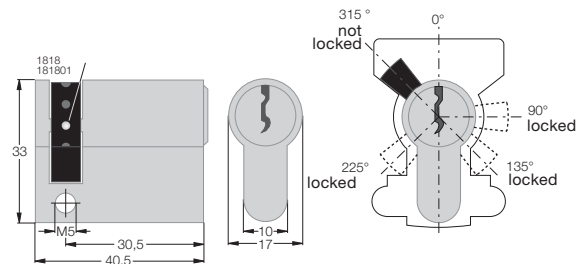


Figure 4: Lock cylinder [Order no. 1818, 1818 01]

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.

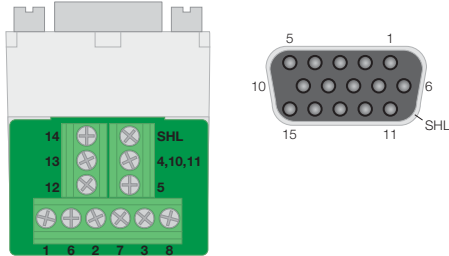


Figure 1: VGA module

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.

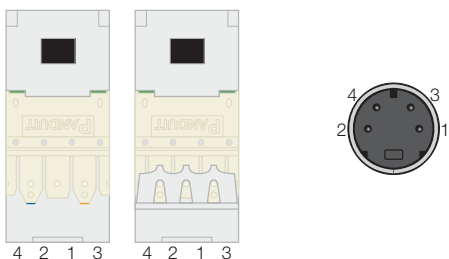


Figure 2: S-Video module

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.

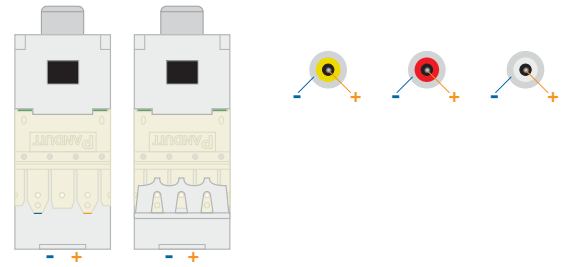


Figure 3: Cinch module

Telecommunications

Arrangement in cable in star 4 configuration

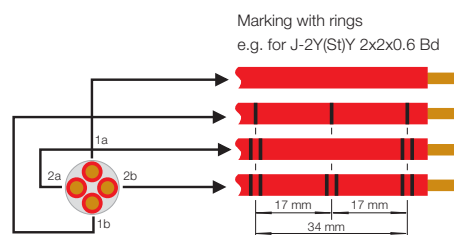


Figure 4: Star 4 configuration- marking with rings

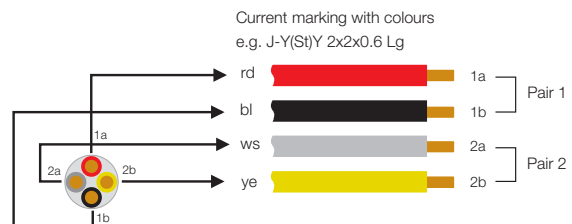
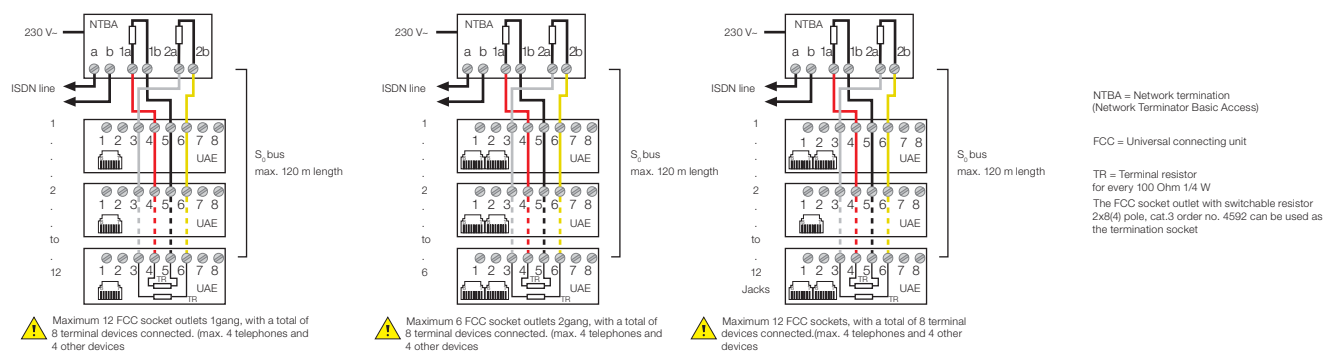


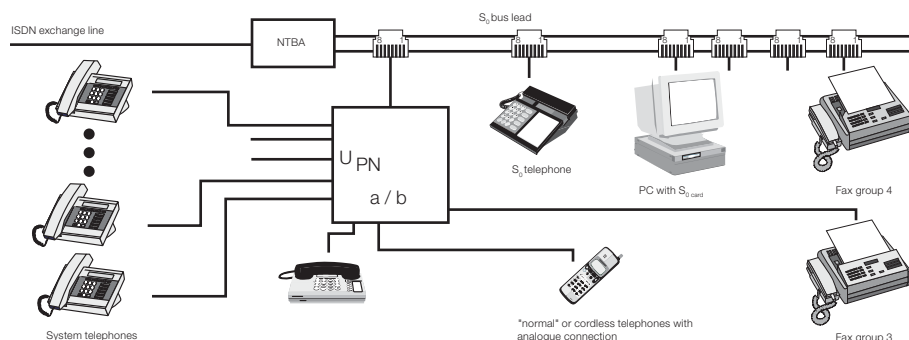
Figure 5: Star 4 configuration- marking with colours

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

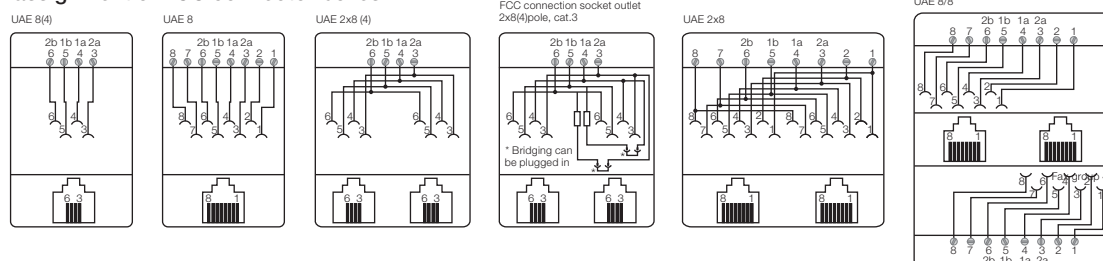
Connection variants on ISDN-S0 bus



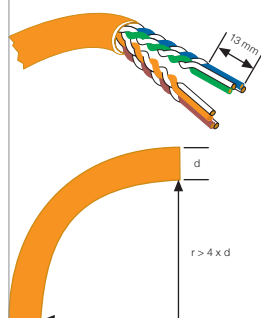
ISDN system



Pin assignment of FCC connector boxes



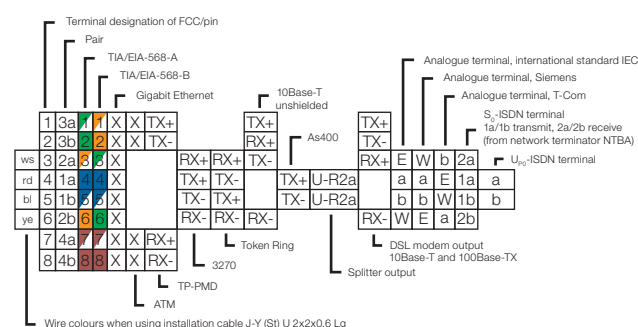
Notes on Cat. 5 and 6 cables



⚠ The twisted pair wires (twisted) must not be drilled more than 13 mm, as otherwise the transmission properties will change. In the case of shielded cables, apply the shield.

⚠ The bend radius "r" of the cable must not be less than 4 x the cable diameter "d" (r > 4 x d).

Contact assignment FCC RJ45



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

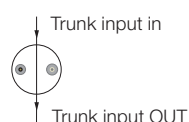
BER (Bit error rate): denotes the quality of a data signal after it has been received and demodulated. The lower the rate, the better the signal.

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



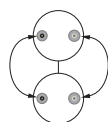
Decoupling internal: Attenuation between plug output and socket output..



Directional attenuation: Attenuation between trunk output and the output sockets.



Decoupling: Attenuation between two aerial sockets.



DiSEqCTM (Digital Satellite Equipment Control): Switching signal generated by the satellite receiver, for controlling and switching LNB and multi-switches. This

allows several satellite positions for rotary and multi-feed systems to be controlled. DiSEqC is a trade mark of the European Satellite Organization (EUTELSAT) and arose out of cooperation between EUTELSAT and Phillips.

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 on 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) the transmission capacity is 6-10 TV programmes with sound channels.

Wiring structures (also see Planning recommendations):

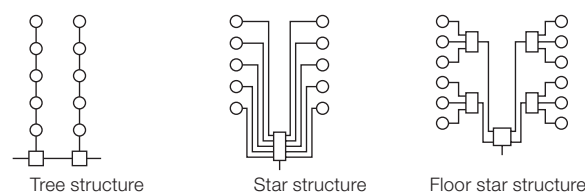


Fig. 1: Wiring structures

Notes on coaxial cables

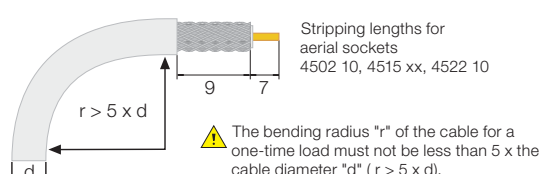


Fig. 2: Bending radii and stripping lengths

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.

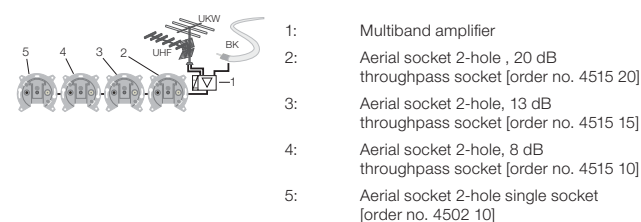
Signal-to-noise ratio	Noise	Picture quality
> 46 dB	not visible	very good
37 dB	visible, but not annoying	good
30 dB	clearly visible, annoying	unsatisfactory
< 26 dB	outweighs	unsatisfactory

Level recommendation at the aerial sockets based on EN 50083-7:

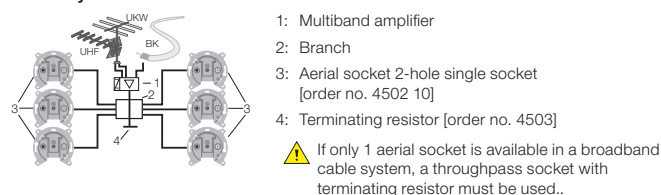
Frequency (measuring device setting)	Level in dBµV (unsensitive)	Slope	Noise factor/quality bit error rate
	min.	max.	max.
UKW 87.5 ... 108 MHz (FM)	50	70	15 C/N: 38 dB Mono C/N: 48 dB Stereo
Terrestrial digital 47 ... 862 MHz (COFDM)	45	70	12 C/N: 25 dB; BER: 2.0 E-4 (before Viterbi FEC 3/4) MER: 24 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

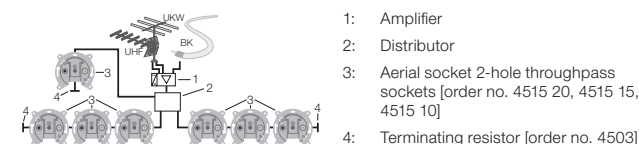
Aerial system terrestrial and/or broadband cable BK in tree structure:



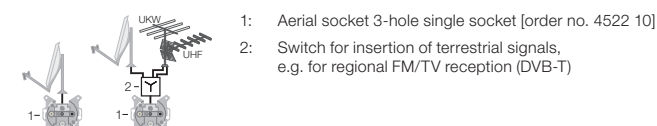
Aerial system terrestrial and/or broadband cable BK in radial structure:



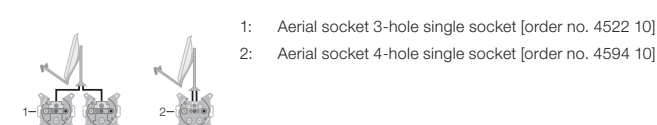
Aerial system terrestrial and/or broadband cable BK in tree structure/ radial structure



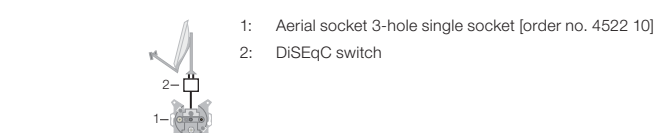
SAT aerial system with single universal LNB for digital reception of a satellite.



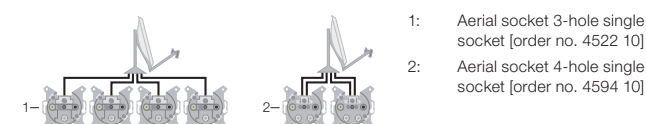
SAT aerial system with twin universal LNB for 2 receivers or twin receiver for viewing one channel and recording another, e.g. 2 x Astra:



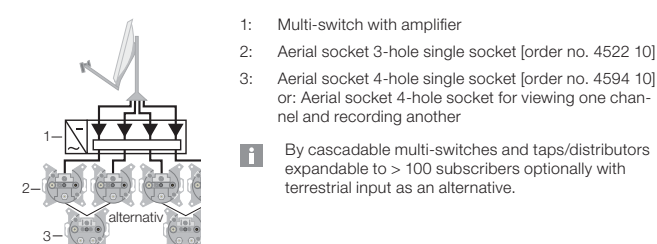
SAT aerial system with 2 squinting single universal LNBs for reception of two satellites e.g. Astra and Hotbird (Eutelsat):



SAT aerial system with Quad switch LNB e.g. for 4 receivers, e.g. 4 x Astra:



SAT aerial system with Quattro LNB and multi-switch with amplifier



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 discrete 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 × 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	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.

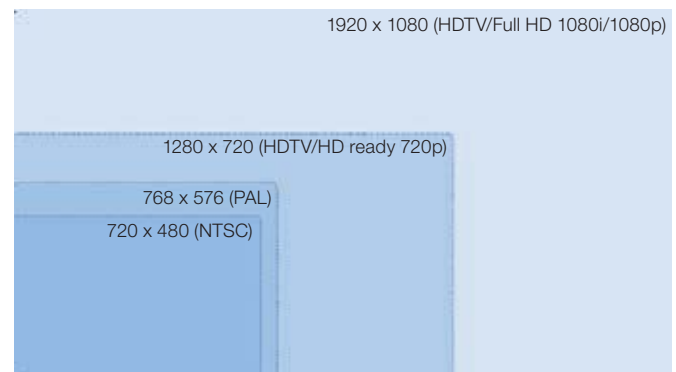


Fig. 1: Format comparison

Connectors

Jack connector

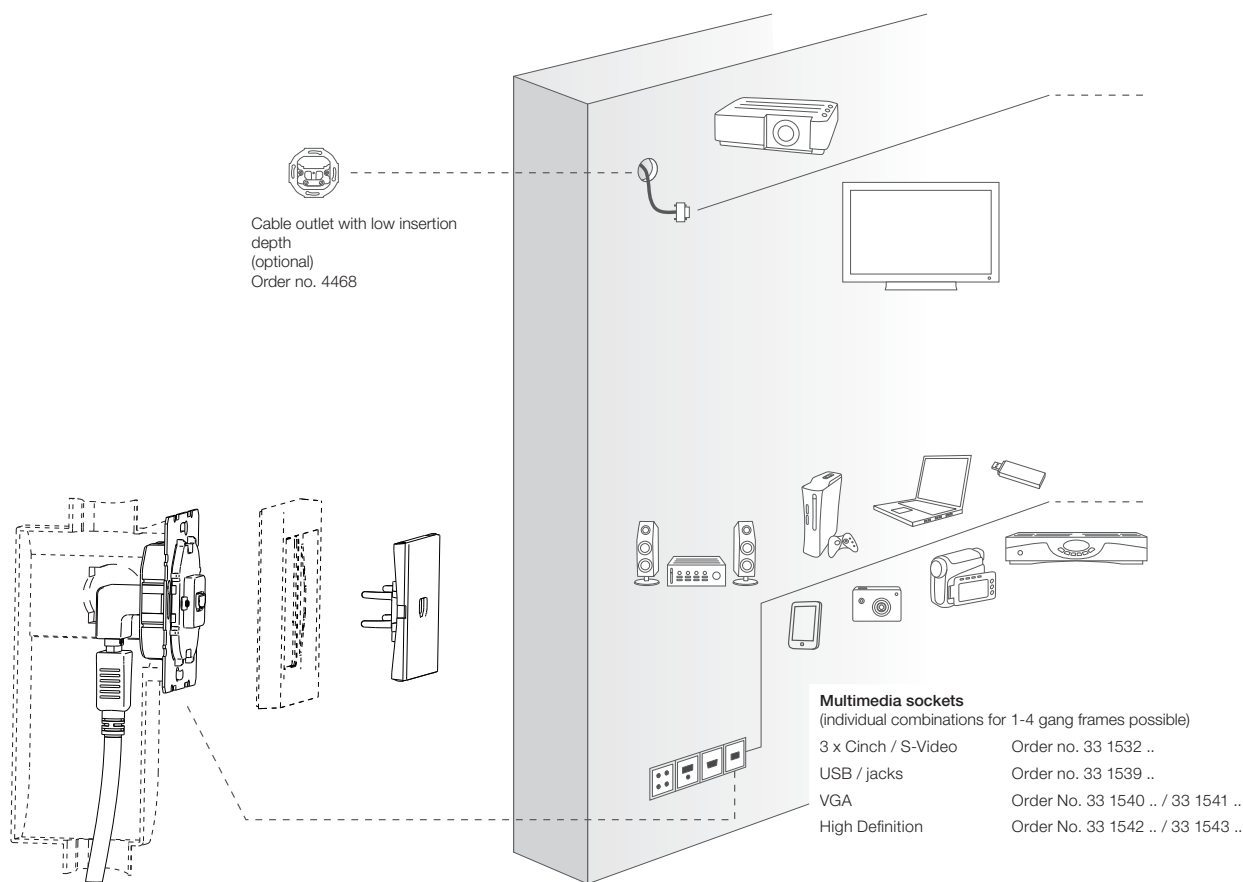
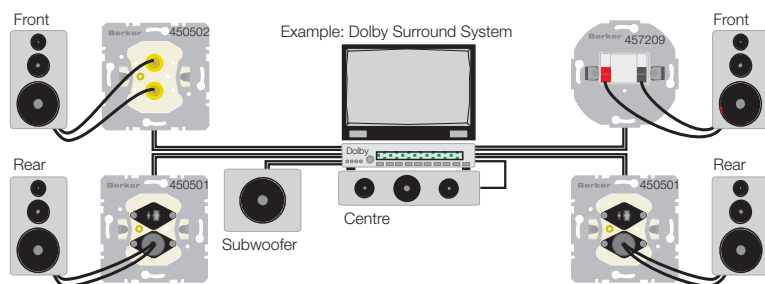
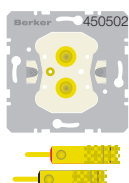
[USB/3.5 mm audio socket outlet, order no. 33 1539 ..]



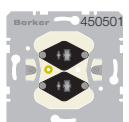
(usually 2.5 or 3.5 mm Ø) to connect portable audio playback devices (e.g. iPod, CD/DVD or MP3 player) to AV receiver or amplifier.

Application example for Berker Multimedia socket outlets

for flush-mounted or hollow-wall mounting

**Application example loudspeaker socket outlet****Loudspeaker socket outlet High End**

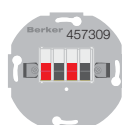
with 2 connectors, 2 banana plugs and 2 cable lugs, gold-plated metal design, for cable cross-section of up to max. 10 mm², for 1 loudspeaker

Stereo loudspeaker socket outlet

with 2 integral speaker sockets to DIN 41529, for 2 speakers

Loudspeaker connector box

with plug-in terminals, for cable cross-section of up to max. 10 mm², for 1 loudspeaker

Stereo loudspeaker connector box

with plug-in terminals, for cable cross-section of up to max. 10 mm², 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.

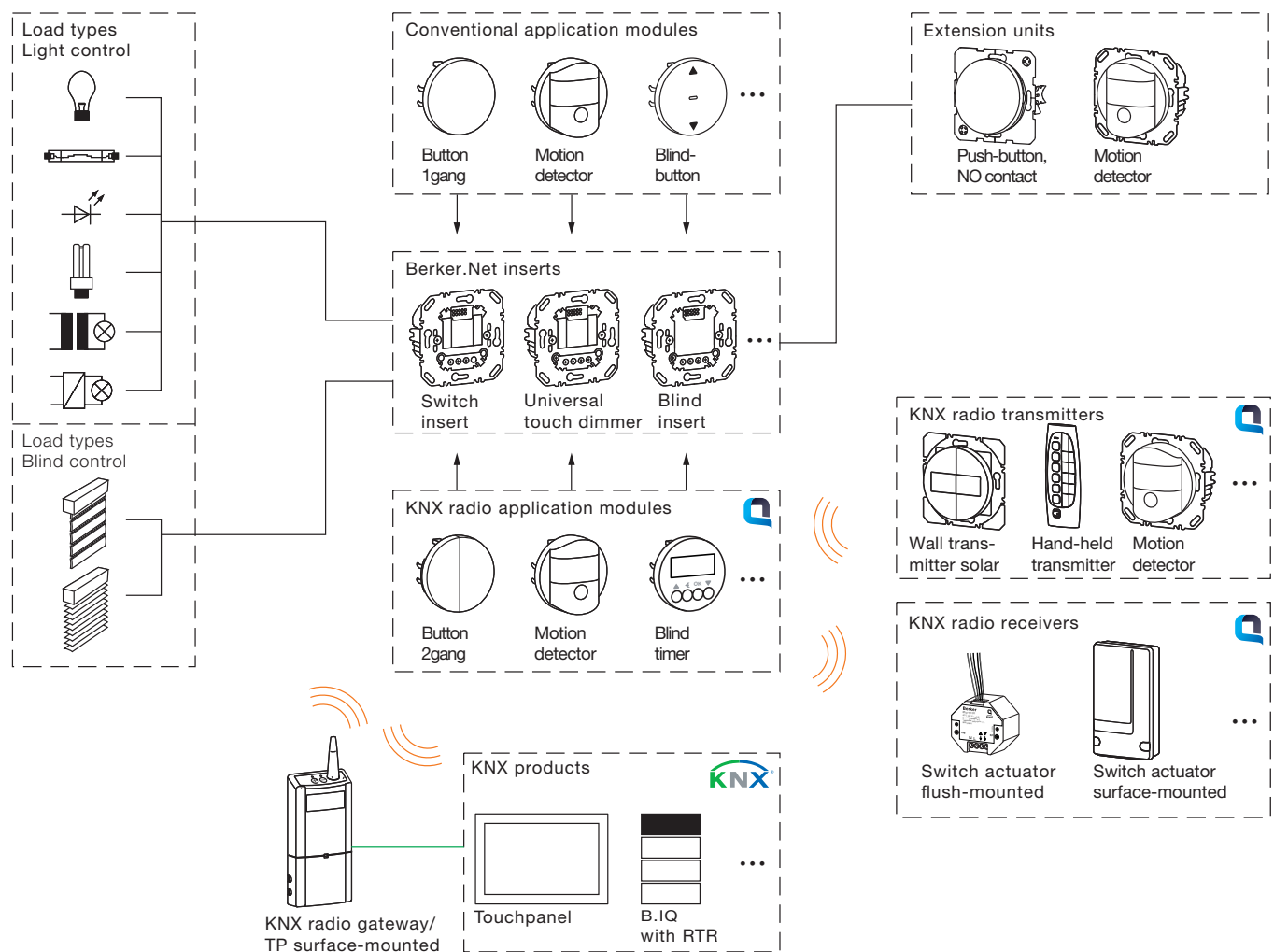


Figure 1: Universal system compatibility for almost all types of loads

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 ²

- i** Illuminated mechanical push-buttons must be connected to a neutral conductor.
- i** Operation of extension units is only possible if a module is attached to the main unit.
- i** 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.
- i** 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.
- i** 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.

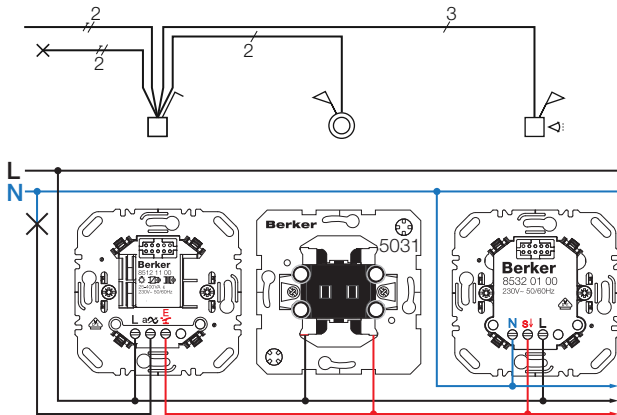


Figure 1: Switch insert with push-button (NO contact), and motion detector extension unit

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.

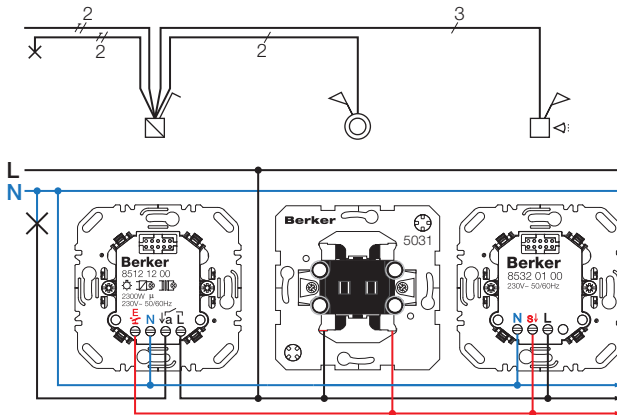


Figure 2: Relay insert with push-button (NO contact), and extension unit for motion detector

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.

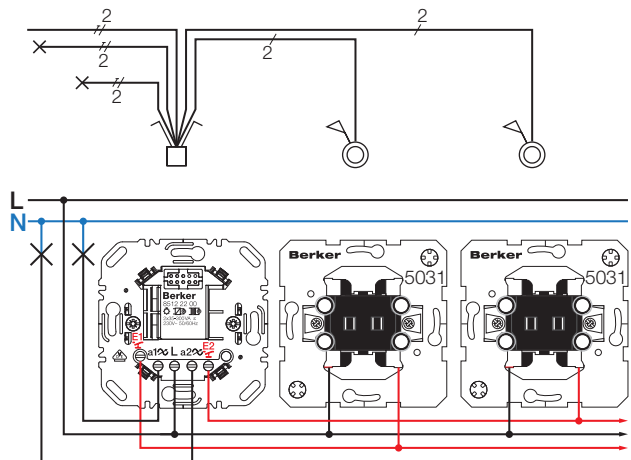


Figure 3: Switch insert 2gang with extension unit push-button (NO contact)

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

- Only connect dimmable lamps, their transformers or operating devices. Observe manufacturer's data.
- 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

- Extension units for motion detectors can only be used when the touch dimmer is operated with a motion detector application module.

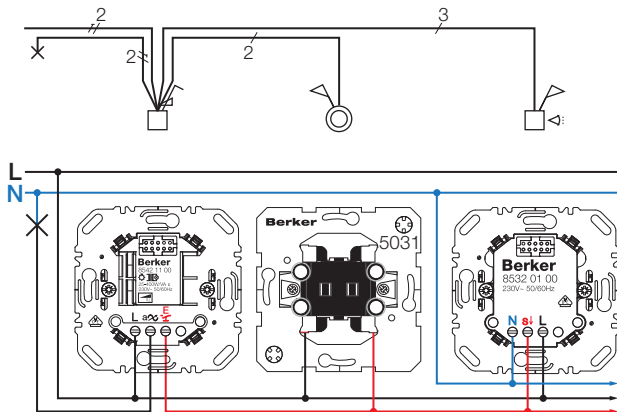


Figure 4: Touch dimmer (R, L) with push-button (NO contact) and extension unit for motion detector

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

- Extension units for motion detectors can only be used when the touch dimmer is operated with a motion detector application module.
- 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.

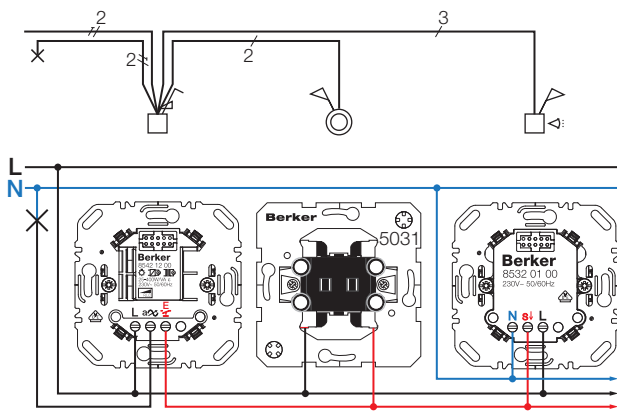


Figure 5: Universal touch dimmer 1gang with push-button (NO contact) and extension unit for motion detector

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

- Installation in deep wall box recommended.
- Install a circuit breaker of max. 16 A as device protection.
- 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.
- For power supply, a load must be connected to output 1 of the touch dimmer 2gang.
- Extension units for motion detectors are not suitable for the switch insert 2gang.
- Operating both outputs on a joint load will destroy the device.

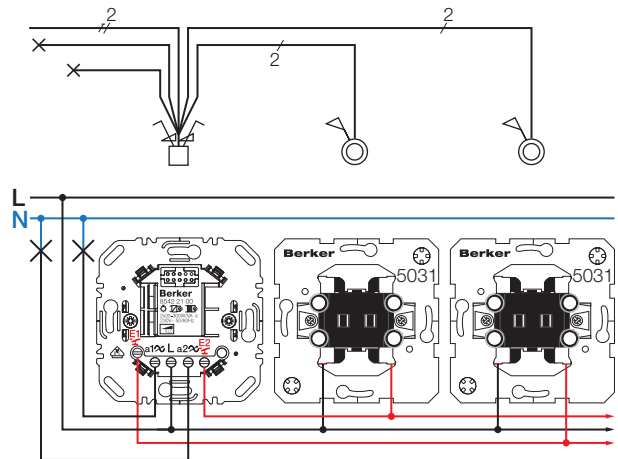


Figure 6: Universal touch dimmer 2gang with extension unit push-button (NO contact)

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 ($\cos \varphi = 0.6$)	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 ²

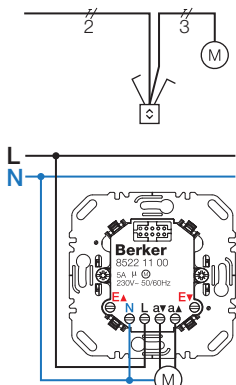


Figure 7: Single control

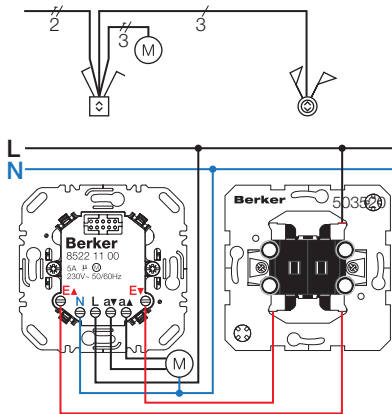


Figure 8: Individual control with key push-button for blind series push-button

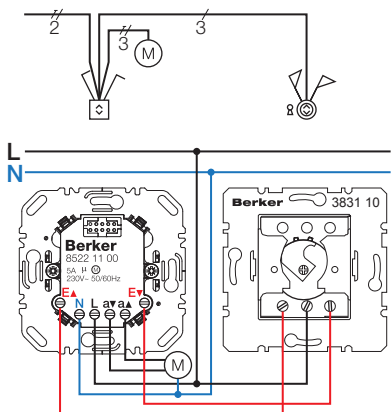


Figure 9: Individual control with extension unit push-button for blinds 1pole for lock cylinder

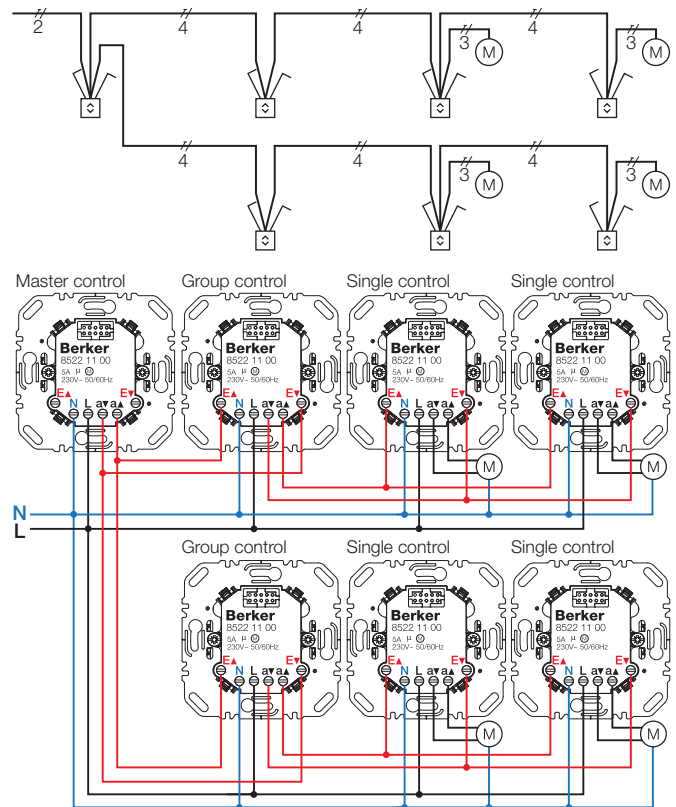


Figure 10: Master and group control

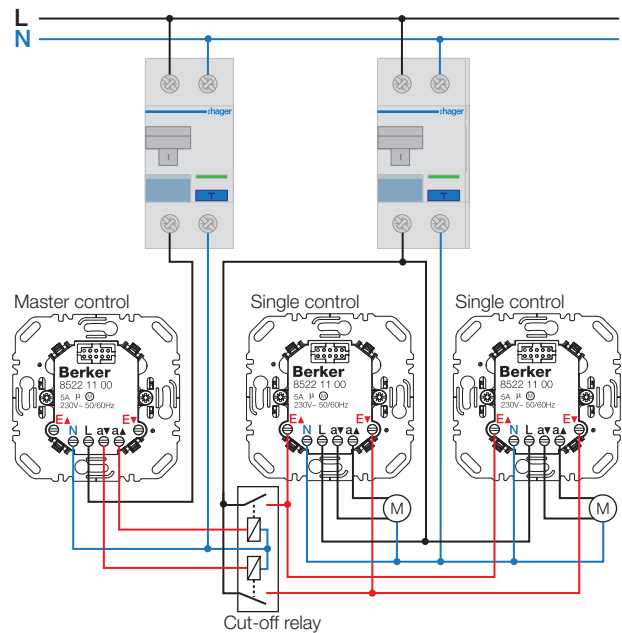
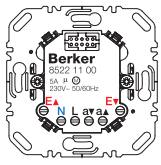


Figure 11: Operation with several residual current circuit-breakers

Sensors for extension unit connections

Connection of the sensors to the insert

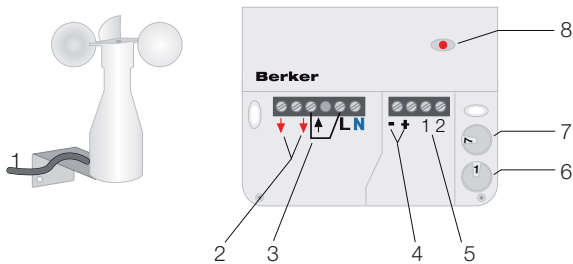


- ⬆ Input for extension unit UP
- ⬇ Input for extension unit DOWN

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
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

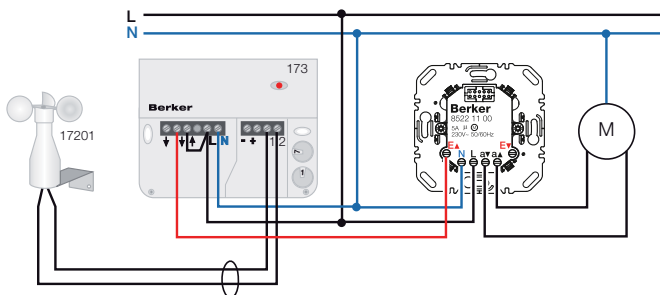


Figure 3: Connection of the wind sensors to the blind insert comfort

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 mm²
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

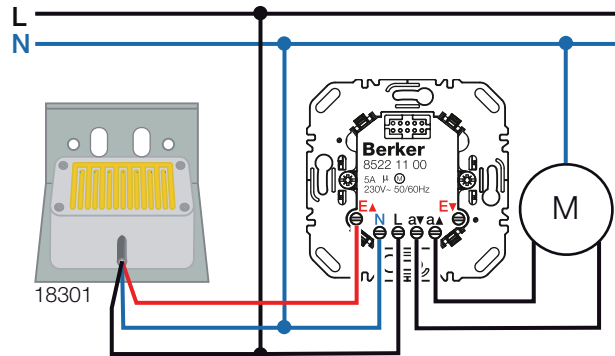


Figure 4: Connecting the precipitation sensor to the blind insert comfort

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

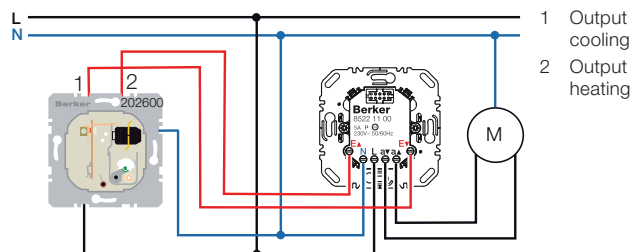


Figure 5: Connecting a room thermostat change-over contact to the blind insert comfort

- 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

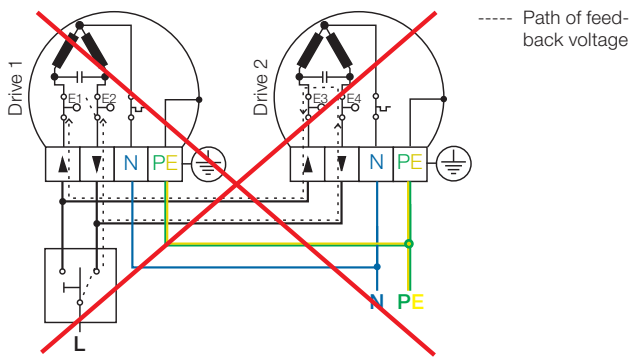


Fig. 1: Parallel-switched conventional tubular motors

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.

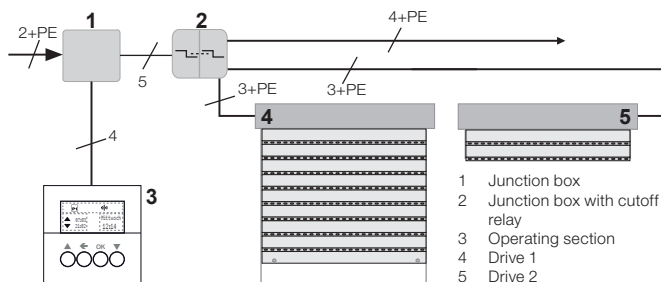


Fig. 2: Installation plan for cutoff relay

Connection of motors with cutoff relay surface-mounted/flush-mounted [Order no. 2930, 2969]

Neutral conductor required at the terminal connection.

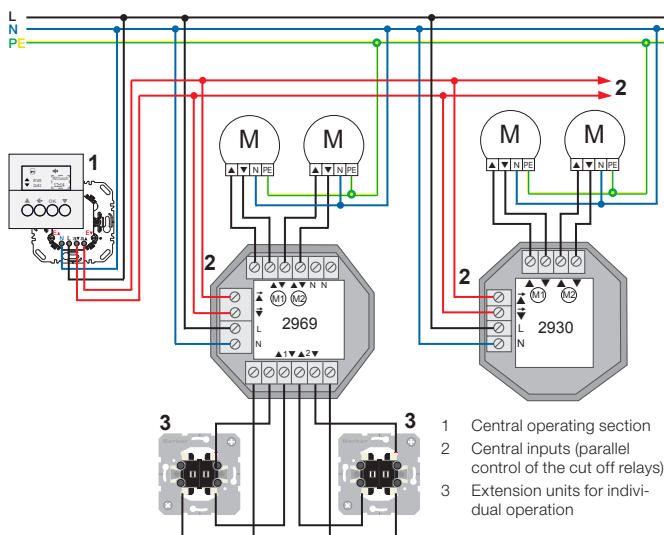


Fig. 3: Connection diagram for cutoff relay surface-mounted/flush-mounted

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.

Connection of motors with cutoff relay RMD [Order no. 2931, 2919]

Neutral conductor required at the terminal connection.

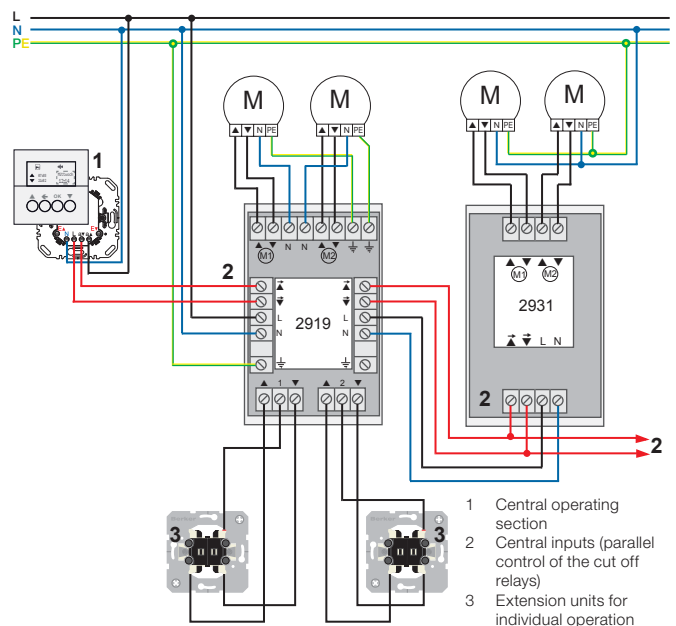


Fig. 4: Connection diagram for cutoff relay RMD

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 ²
– finely stranded with conductor sleeves	0.5 ... 1.5 mm ²
Large screw terminal connections (mains and master input, only flush-mounted device with extension units)	
– single stranded	0.5 ... 4 mm ²
– finely stranded with conductor sleeves	0.5 ... 2.5 mm ²
Dimensions (W × H × D)	
– Order no. 2930	50 × 52 × 22 mm
– Order no. 2969	53 × 50 × 25 mm
– Order no. 2919, 2931 (RMD)	45 × 71 × 42 mm
Assembling height as from DIN rail	
– Order no. 2919	39 mm
– Order no. 2931	38 mm

International socket outlets

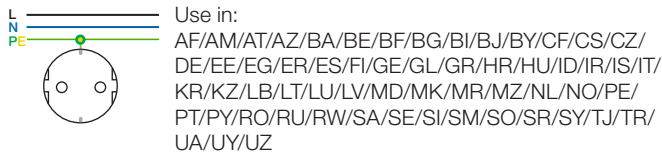


Fig. 1: SCHUKO socket outlet* - 2-pin + earth, 250 V~, 16 A

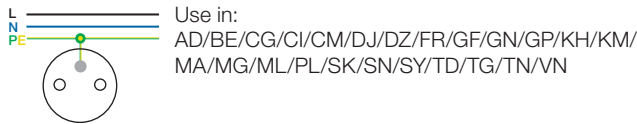


Fig. 2: Socket outlet with earthing pin FRANCE/BELGIUM* - 2-pin + earth, 250 V~, 16 A

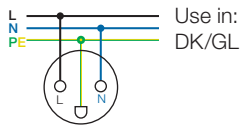


Fig. 3: Socket outlet with earthing contact DENMARK - 2-pin + earth, 250 V~, 13 A

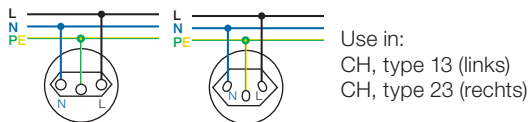


Fig. 4: Socket outlet with earthing contact SWITZERLAND - 2-pin + earth, type 13: 250 V~, 10 A; type 23: 250 V~, 16 A



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

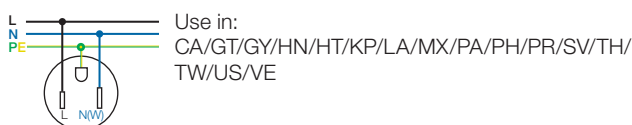


Fig. 8: Socket outlet with earthing contact USA/CANADA NEMA 5-15 R - 2-pole + earth, 125 V~, 15 A (left Fig.); 5-20 R - 2-pole + earth, 125 V~, 20 A (right Fig.)

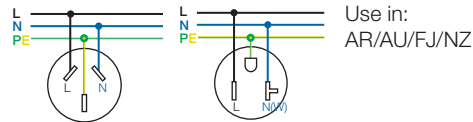


Fig. 9: Socket outlet with earthing contact AUSTRALIA - 2-pin + earth, 250 V~, 10 A (left Fig.); 250 V~, 15 A (right Fig.)

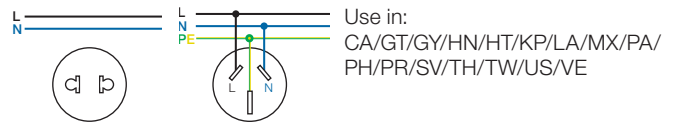


Fig. 10: Socket outlet without earthing contact EURO-AMERICAN STANDARD* - 2-pin, 250 V~, 10 A

* 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 ≥ 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 ≥ 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).

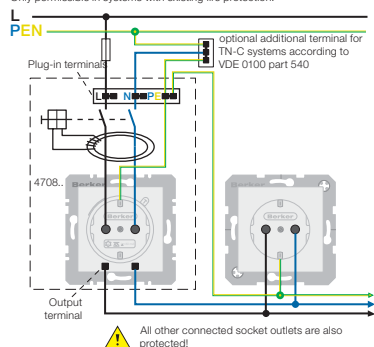
Further information upon request

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	≤ 30 ms
Surge resistance	250 A (8/20) μ 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	≥ 2.5 kA ² s
Dynamic surge capacity I_p	≥ 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 ² or 2 x 1.5 mm ²
Insertion depth	32 mm
Scope of delivery	SCHUKO socket outlet with residual current circuit-breaker, enhanced contact protection (child protection) and centre plate

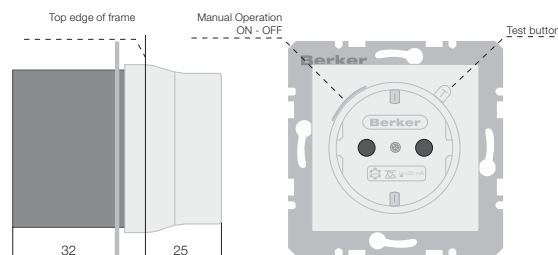
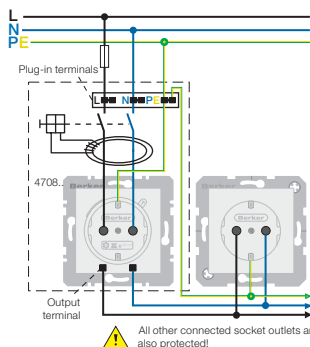
SCHUKO socket outlet with residual current circuit-breaker

Connection diagram TN-C mains

Only permissible in systems with existing fire protection.

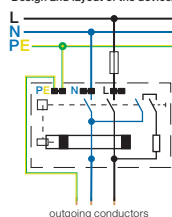


Connection diagram TN-S or TT mains

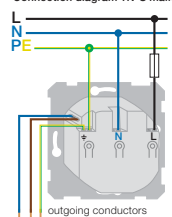


Residual current circuit-breaker

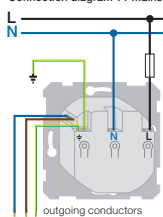
Design and layout of the device/circuit sketch



Connection diagram TN-S mains

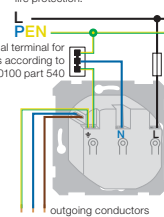


Connection diagram TT mains



Connection diagram TN-C mains

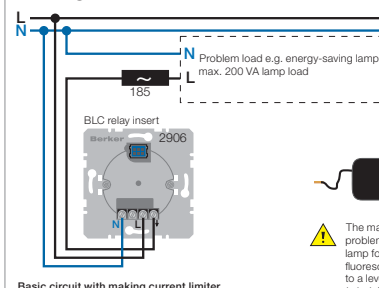
Only permissible in systems with existing fire protection.



Permissible earthing resistance for 30 mA residual current circuit-breaker for a highest permissible electric shock of:
- 25 V : 833 Ω
- 50 V : 1666 Ω

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	≤ 30 ms
Surge resistance	250 A (8/20) μ 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 ² , approx. 20 cm
Connecting terminals	Plug-in terminals for max. 2.5 mm ² or 2 x 1.5 mm ²
Insertion depth	32 mm

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 or 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.

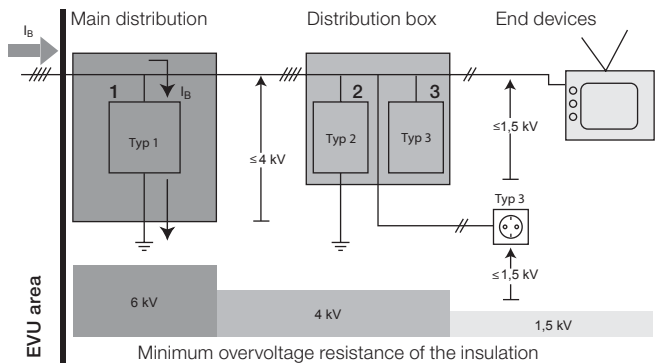
Overvoltage protectors are divided into three categories/types (Tab.1).

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).

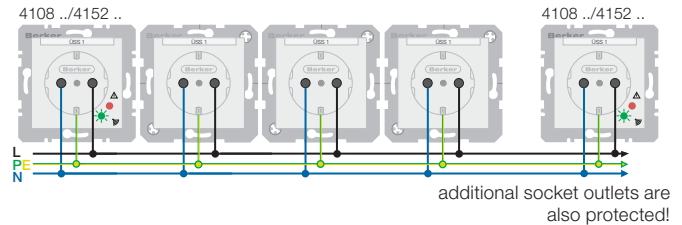


Figure 2: Installation in combination with SCHUKO socket outlets

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 μ A
Rated discharge current of surge protection I_{sn} (8/20) μ s: sym./asym.	1.5 kA (100x)
Discharge current i_s max (8/20) μ 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 ²
Temperature range	-5 ... 40°C

Equipment data																			
★ and DIN 18015 Part 2																			

^{a)} In rooms with dining areas, the number of connections and socket outlets should each be increased by 1.

^{b)} The socket outlets allocated to the bed areas and kitchen work areas, kitchenettes and house workrooms must be provided with double socket outlets at least. They only count as one socket outlet each in the table, though.

^{c)} As long as an individual ventilation system is provided for. In the case of windowless bathrooms or toilets, the switching must be provided with follow up via the general lighting.

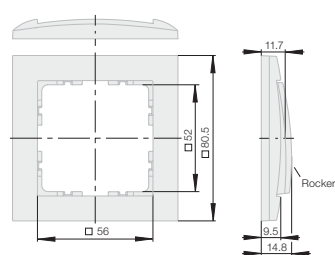
^{d)} Unless the heating system/hot water supply takes place in another way.

^{e)} A socket outlet in combination with the washstand lighting is permissible.

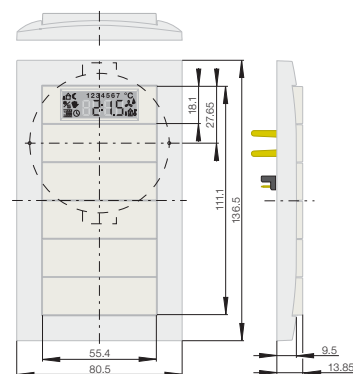
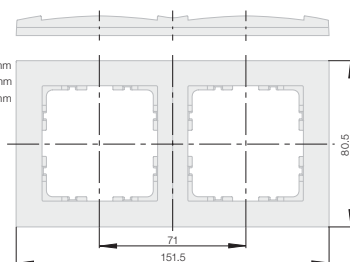
^{f)} Only required once in each home.

^{g)} Switchable from two places at least.

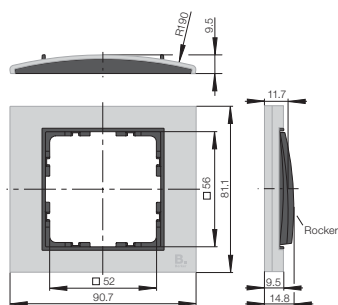
Berker S.1



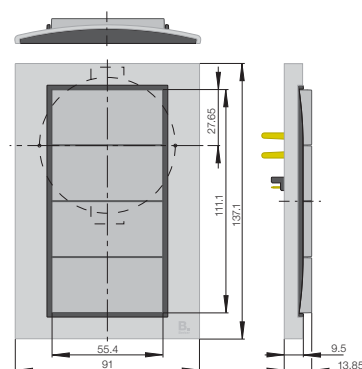
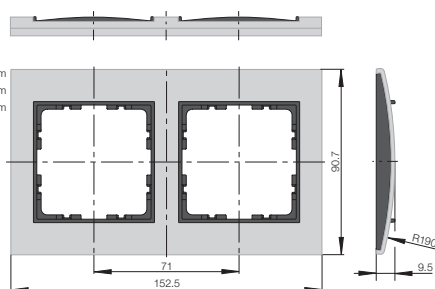
3gang L = 223 mm
4gang L = 294 mm
5gang L = 365 mm



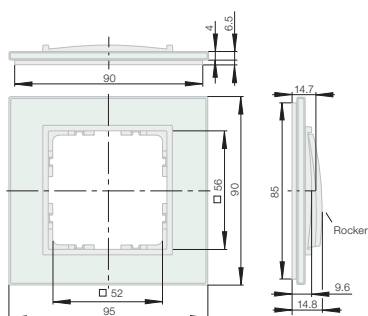
Berker B.3



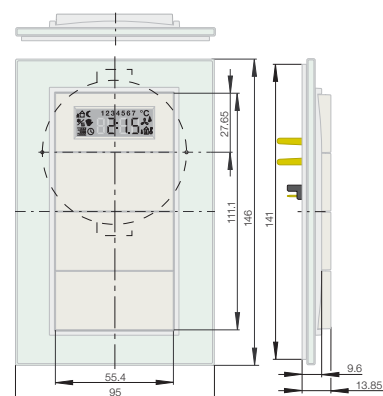
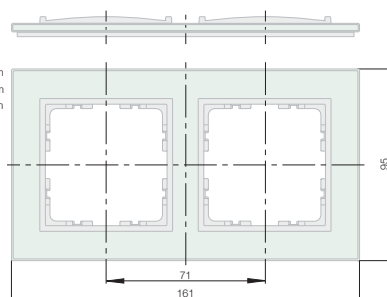
3gang L = 223.1 mm
4gang L = 294.1 mm
5gang L = 365.1 mm



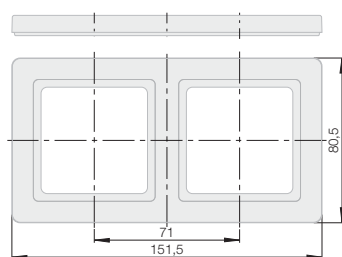
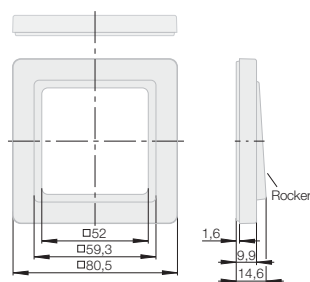
Berker B.7



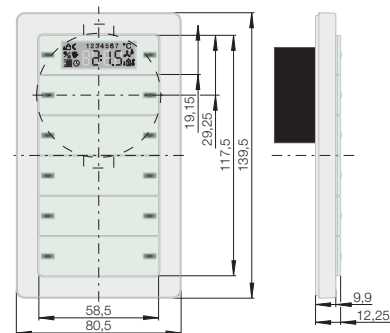
3gang L = 232 mm
4gang L = 303 mm
5gang L = 374 mm



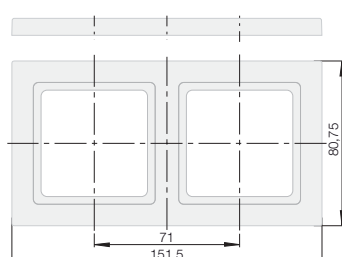
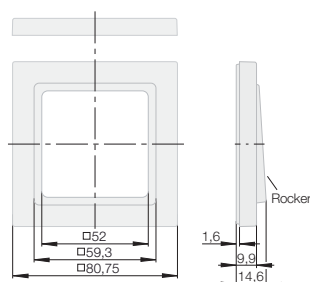
Berker Q.1



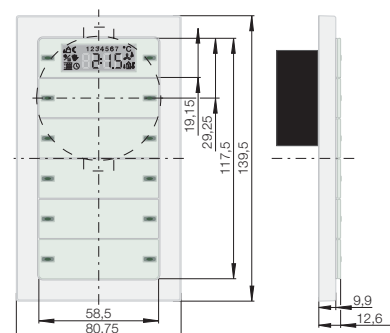
3gang L = 222,5 mm
4gang L = 293,5 mm
5gang L = 364,5 mm



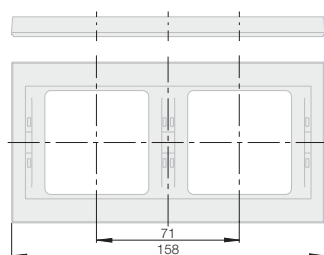
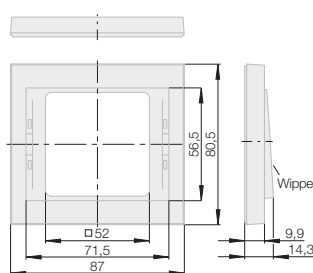
Berker Q.3



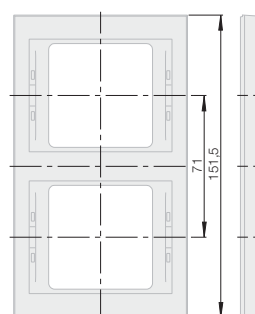
3gang L = 222,5 mm
4gang L = 293,5 mm
5gang L = 364,5 mm



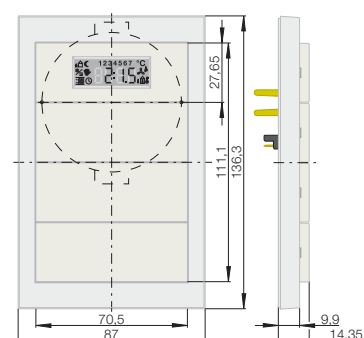
Berker K.1/K.5



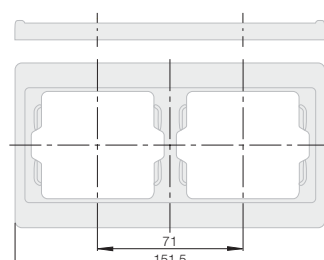
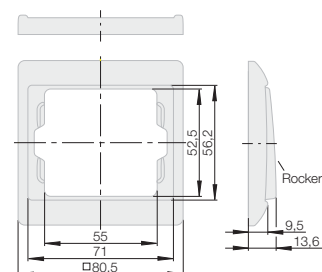
3gang horizontal L = 229 mm
4gang horizontal L = 300 mm
5gang horizontal L = 371 mm



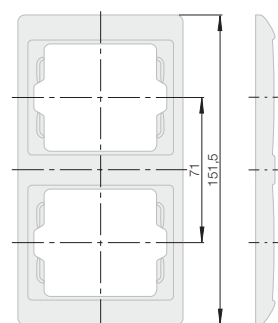
3gang vertical L = 222,5 mm
4gang vertical L = 293,5 mm
5gang vertical L = 364,5 mm



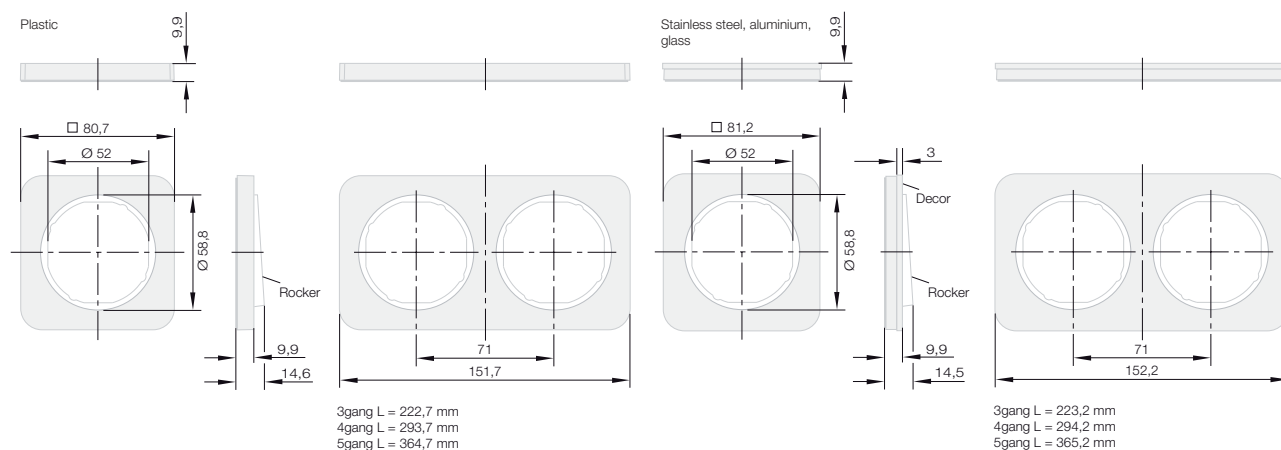
Berker Arsys



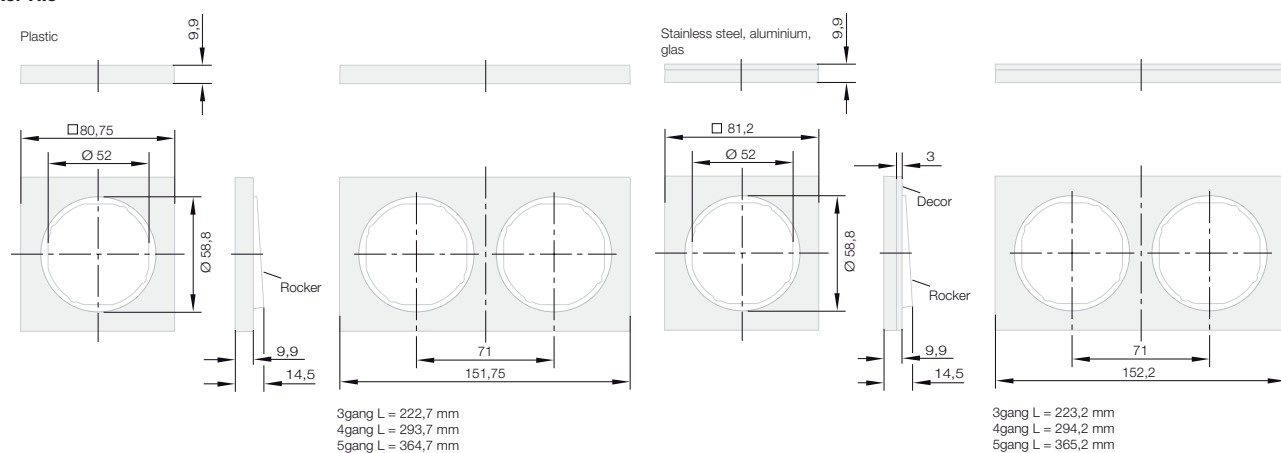
3gang L = 222,5 mm
4gang L = 293,5 mm
5gang L = 364,5 mm



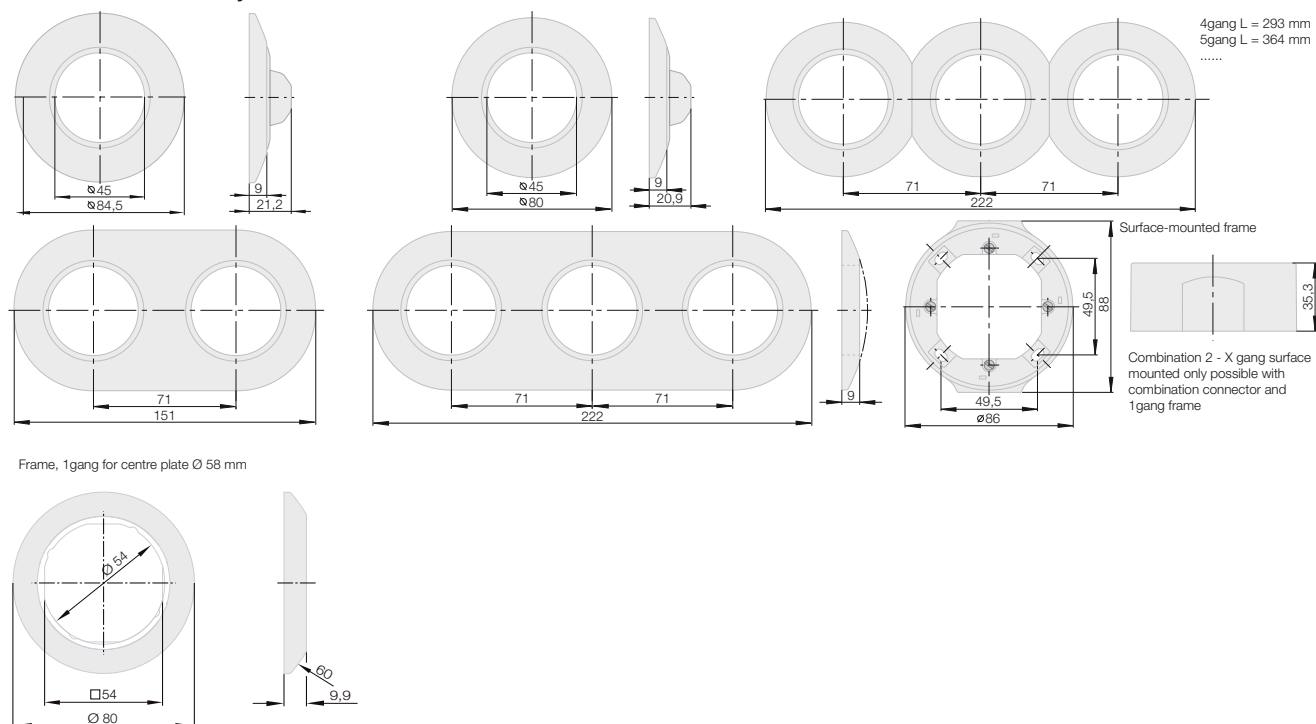
Berker R.1



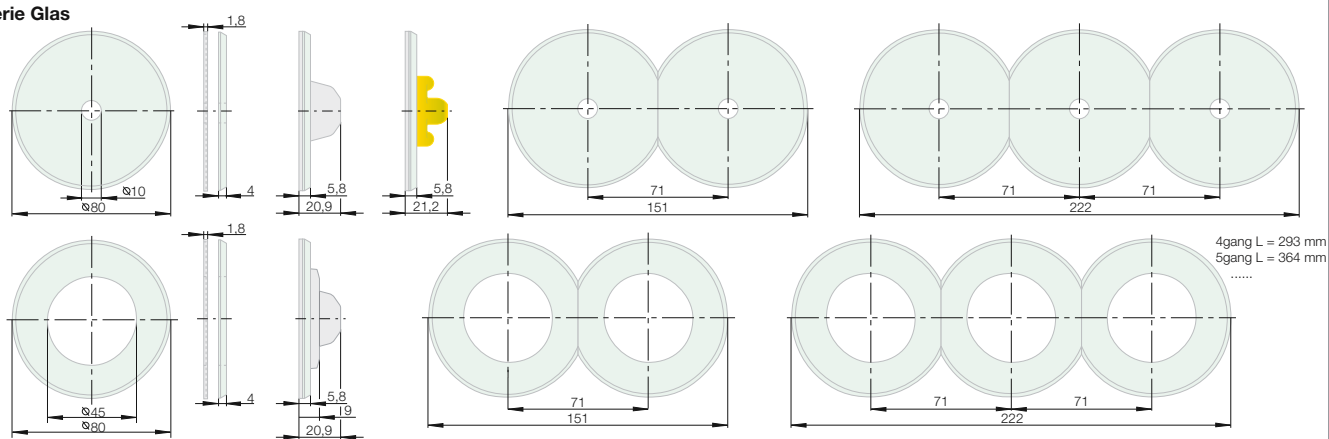
Berker R.3



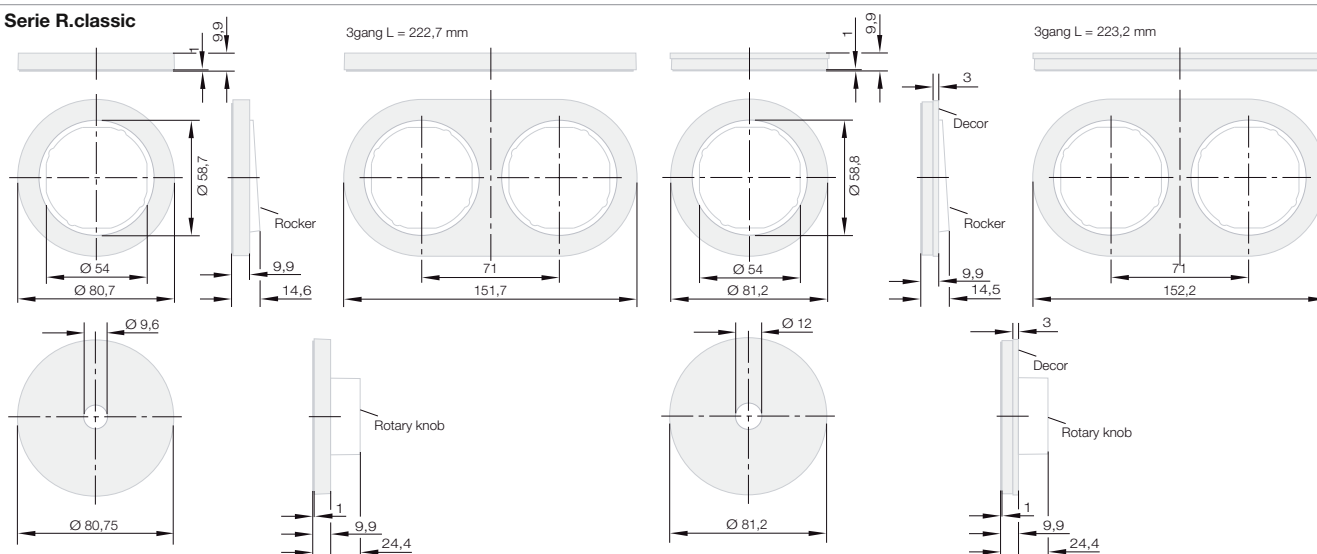
Serie 1930 Porzellan Made by Rosenthal / Serie 1930



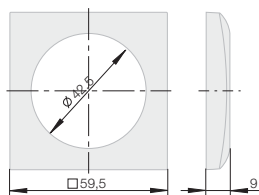
Serie Glas



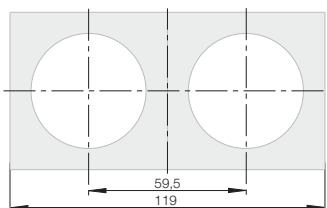
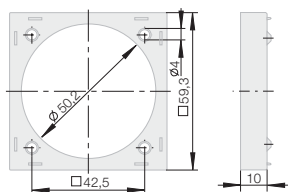
Serie R.classic



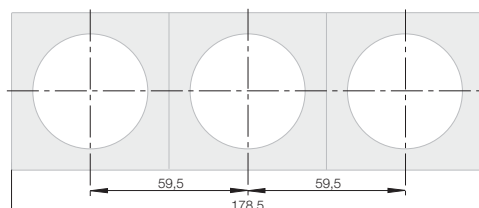
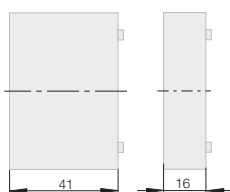
Berker Integro Flow



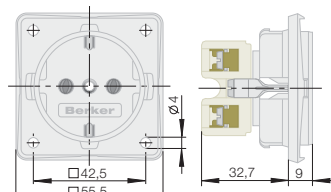
Surface-mounted spacer ring



Surface-mounted housing

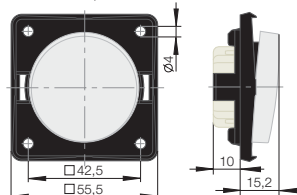


Sockets

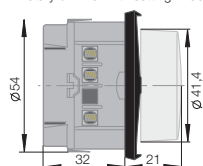


Attention!
To fasten the inserts, use flat headed screws of size M3 or M3.5.

Rocker switch/push-button



Rotary dimmer with setting knob 400 W

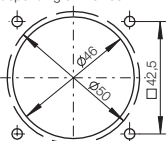


System	Insertion depth
SCHUKO socket	32.7 mm
Socket with earth pin	29.5 mm
Socket without earth contact	29.6 mm
Danish socket	27.5 mm
Swiss socket, type 13	28.0 mm
USA / Canada socket NEMA 5-15 R	19.5 mm
Italian socket	34.0 mm
Australian socket	16.5 mm
Euro-Amerikanischer standard socket	21.3 mm
British Standard socket	20.5 mm

Berker Integro Flow

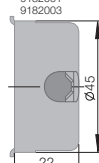
Installation cut-out

Ø 46 mm or Ø 50 mm
depending on wall box

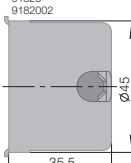


Contact protection boxes

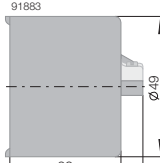
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9182003



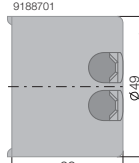
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9182002



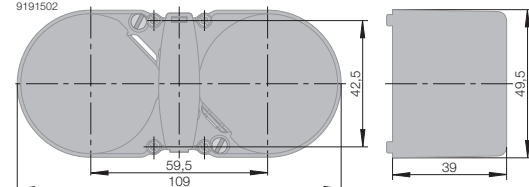
91883



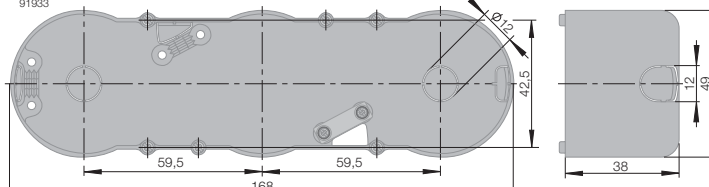
9188701



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.



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

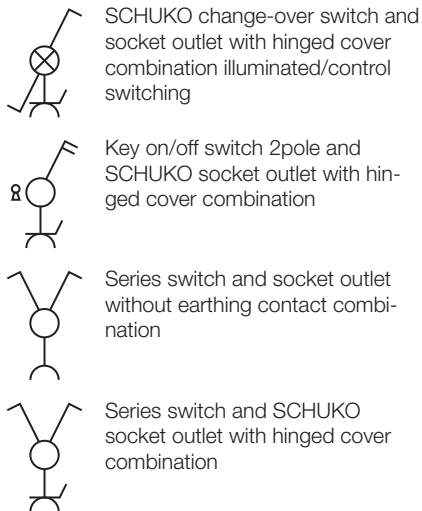
Socket outlets with earthing contact

	SCHUKO plugs
	SCHUKO socket outlet
	2gang / double SCHUKO socket outlet
	3gang SCHUKO socket outlet

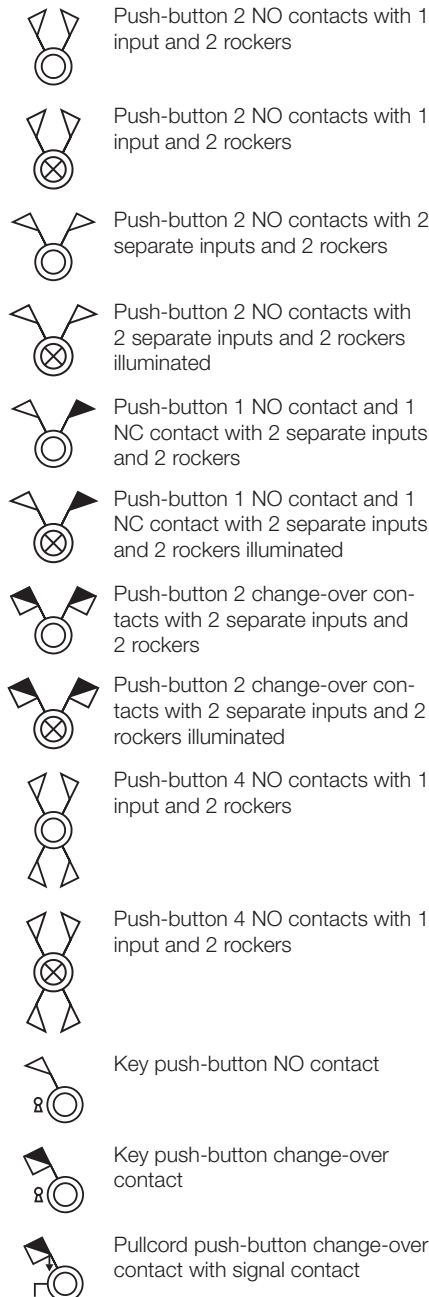
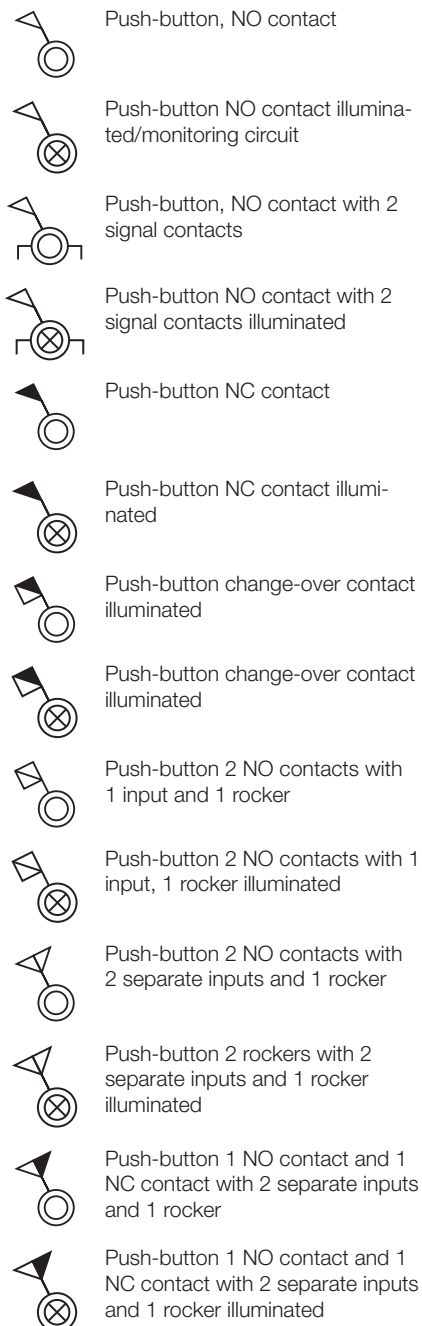
	SCHUKO socket outlet with enhanced contact protection
	2gang SCHUKO socket outlet with enhanced contact protection
	3gang SCHUKO socket outlet with enhanced contact protection
	SCHUKO socket outlet with hinged cover
	2gang SCHUKO socket outlet with hinged cover
	3gang SCHUKO socket outlet with hinged 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

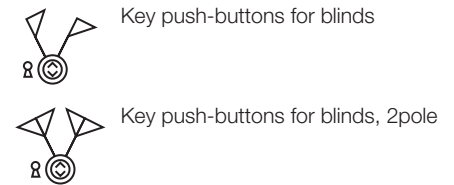
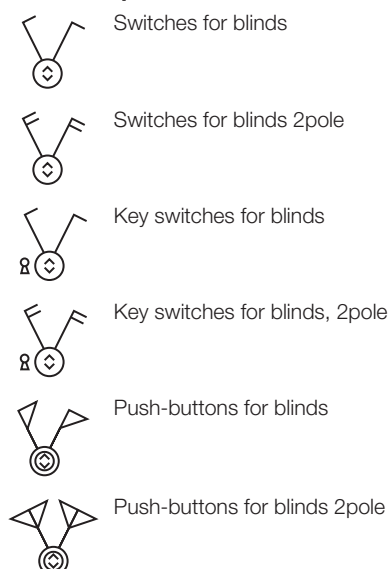
	On/off switch
	On/off switch, 2pole
	On/off switch 2pole illuminated/control switching
	On/off switch 3pole
	On/off switch 3pole illuminated/control switching
	Series switch
	Series switch 1 x illuminated or 1 x control switching
	Series switch 2 x control switching
	3gang On/off switch
	Change-over 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



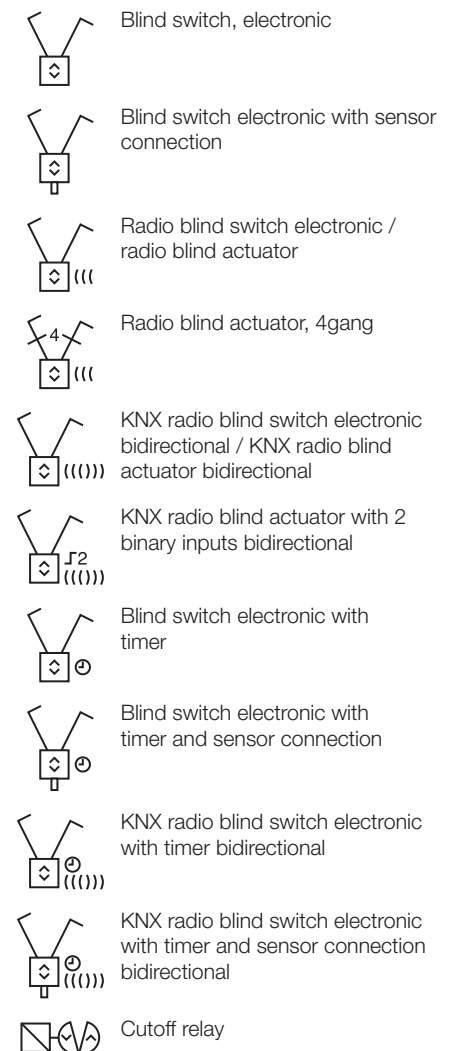
Push-button



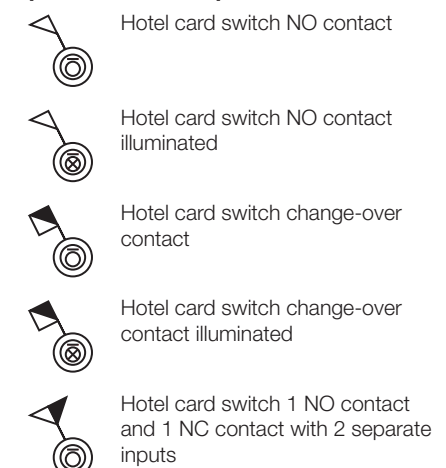
Switch / push-button for blinds



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



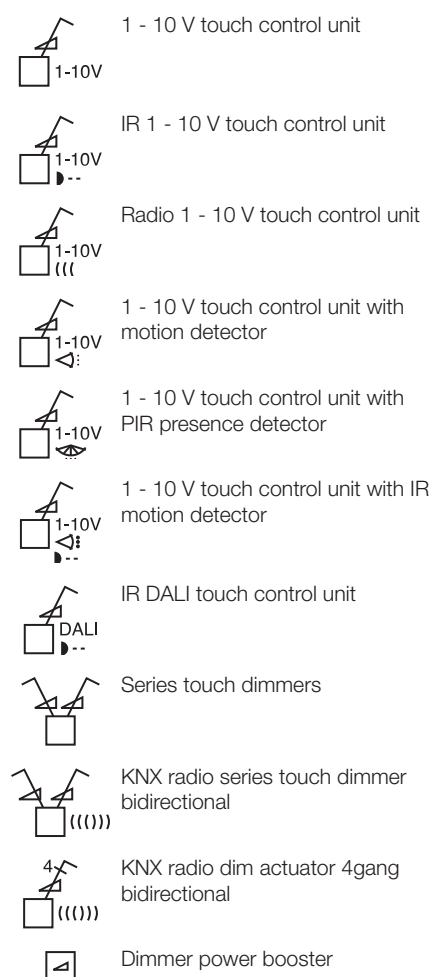
Touch dimmer with IR motion detector



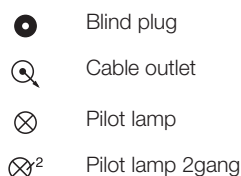
KNX radio touch dimmer with motion detector bidirectional



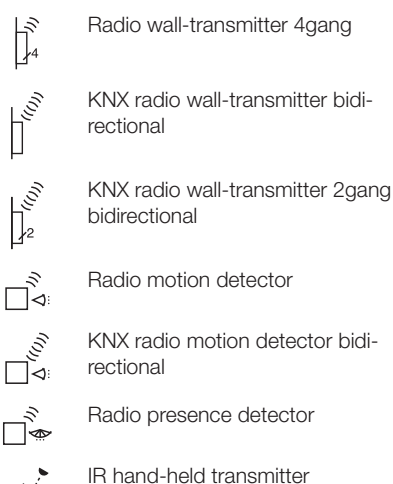
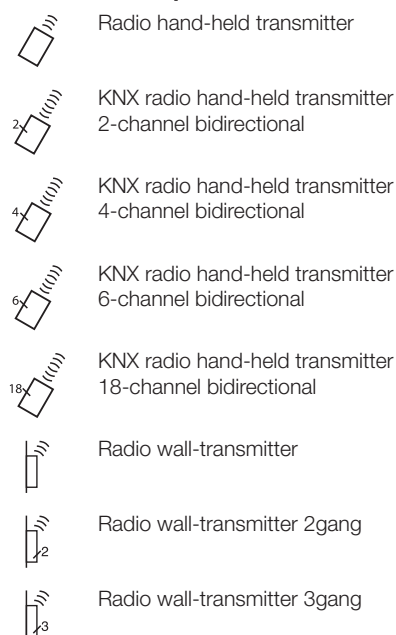
Touch dimmer with presence detector



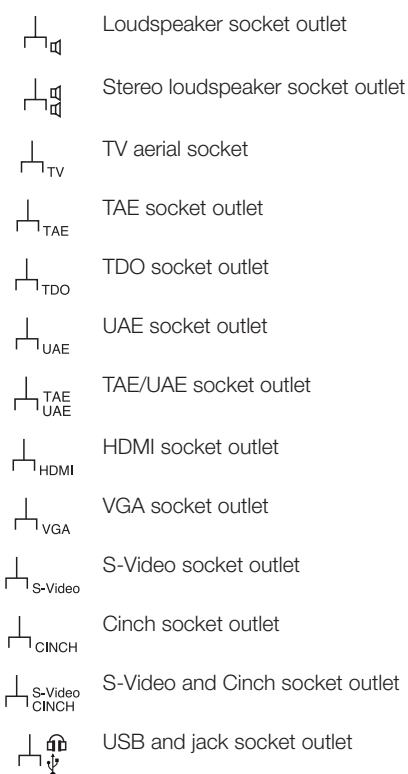
General applications



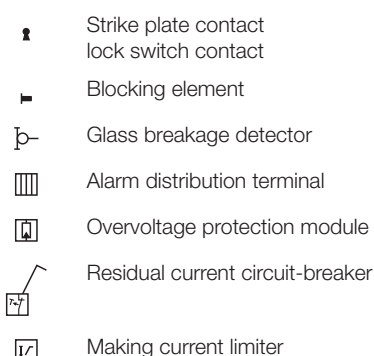
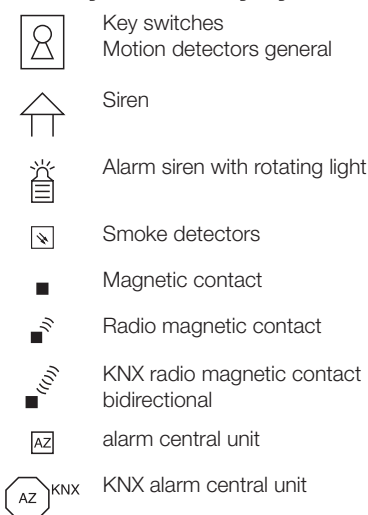
Wireless components



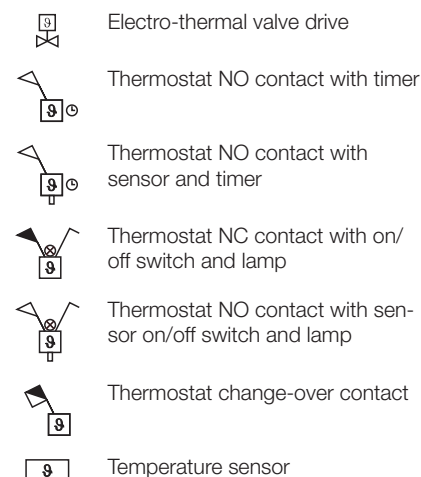
Data / Telecommunication



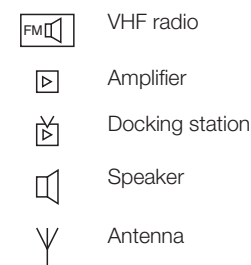
Security and safety systems



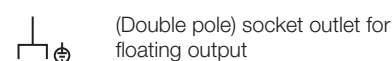
HVAC components



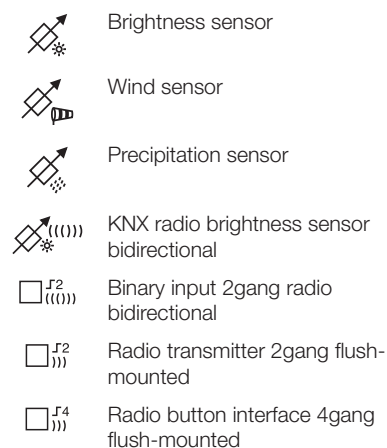
Consumer electronics door communication



Klinik installation



Sensors/inputs



Product summary



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9 6184 05	10	391	T G523 AL *	1	443						
9 6184 25 01	10	391	TG52 5A *	1	443						
9 6184 25 02	10	391	TG55 0A *		444						
9 6184 25 05	10	391	T G551 A2 *	1	445						
9 6184 25 06	10	391	TG55 3A *		444						
9 6194 05	10	392	WUZ6 71 *	2	130						
9 6194 25 01	10	392	WUZ6 72 *	1	131						
9 6194 25 02	10	392									
9 6194 25 05	10	392									
9 6194 25 06	10	392									
9 6195 05	10	392									
9 6195 25 01	10	392									
9 6195 25 02	10	392									
9 6195 25 05	10	392									
9 6195 25 06	10	392									
9 6249 05	10	394									
9 6249 25 01	10	394									

