Complete catalogue **2017**

We power your life

English

BACH
MANN

BACH
MANN

Peter Bachmann | CEO

Dear reader,

to promote Life Quality at all levels of interaction is our company goal. Particularly in times when economic and social conditions are changing dramatically, this is especially important to us.

Right now it is vital to be able to rely on your (business) partners. Respect and honesty, know-how and the creation of long-term values are what drive us. Our innovative products and services reflect the spirit of our honest interest in understanding the needs of our customers and in creating relevant added value from it.

Today and in the future, our products and our interaction with partners aren't just based on quality-focused, traditional values; we are also open to and interested in pursuing new approaches with you, to the benefit of our shared business idea and our social responsibility.

Now and in the future, we stand for genuine partnerships, where all parties gain value and create potential for the future. This applies internally to our BACHMANN Community just as it does to you, our external network of partners and customers.

I am firmly convinced that our common possibilities are limited only by our creativity.

Dear readers, I invite you to be inspired by this catalogue. This excerpt from our performance portfolio is also an invitation to you to discuss and jointly explore with us your ideas and requirements.

Never before have there been so many opportunities to positively shape the future. Together, we have the means to do so. I look forward to join forces with you.

Kindly yours,

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Quick finder
Use the tab on the right-hand side to find the desired product range as quickly as possible.

QUICK FINDER

Power distribution
Power strips | Distributors | Plugs/couplings | Adapters

POWER DISTRIBUTION

Connection panels
Integrated units | Surface-mounted units | Floor units | Accessories

CONNECTION PANELS

Network and media technology
Custom Modules | Active media technology components

NETWORK AND MEDIA TECHNOLOGY

Cables
Power | Data | Audio/video

CABLES

Lamps
Mobile | Stationary

LAMPS

Electrotechnical accessories
InterBÄR

ELECTROTECHNICAL ACCESSORIES

IT power distribution
Power distribution units (PDU)

IT POWER DISTRIBUTION

About us

1947
The year BACHMANN was founded

More than 2000
standard products

20
different design awards

12
subsidiaries

Over 700
employees

25
trading partners worldwide

Research & development

- Company's sites in Germany and China
- Company's labs for conducting function and safety tests
- Certification in line with the strictest standards (e.g. DIN EN ISO 9001)
- Strong development network with external partners

Sales channels

- Subsidiaries: BACHMANN Romania S.R.L. (Medias, Romania)
  BACHMANN Hong Kong Ltd. (Hong Kong, China)
  BACHMANN S.A.R.L. (Tremblay, France)
  BACHMANN Electrical Engineering Ltd. (Milton Keynes, UK)
  BACHMANN S.A. (Barcelona, Spain)
- International agents: Albania, Austria, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Czech Republic, Denmark, Estonia, Finland, Greece, Hungary, Iran, Ireland, Italy, Latvia, Lithuania, Luxembourg, Macedonia, Montenegro, Netherlands, Norway, Poland, Portugal, Russia, Serbia, Slovakia, Slovenia, Sweden, Switzerland, UK, Ukraine
- Close partnership with electrical wholesalers
- Key account managers
- Customised OEM solutions
- Individual project solutions

For contact details of all **contacts,** see page 262.

Production

- Production sites in Germany, Romania and China
- 100 % function testing in production

Our German production site in Gumpelstadt, Thuringia.

Product highlights

KAPSA | p. 92

KAPSA's classic, reduced forms make it a power strip that is design-orientated, space-saving and modular – designed for the kitchen, office and many other areas in living and work environments. With immediate effect, KAPSA is also available in X-small (2-way) and XX-small (1-way) lengths.

PIX | p. 100

The stylish PIX range is a collection of delicate, round sockets and connection units that can be used in many different ways – in the office, kitchen, public lounge or at home.

Used alone or in your chosen combination, the decorative rings are available in various colours and can be interchanged. The PIX has an optionally available swivel-mounted lid, protecting from dust and dirt.

VENID | p. 66

As part of a modern work and conference environment, the desk connection panel VENID offers both exceptional design and high functionality. The original desktop material can be fitted quickly and easily in the mounting frame, so the desktop and connector panel form a harmonious unit.

Custom Module USB charger | p. 154

The new USB double charger (5 V/2.4 A) in Custom Module size makes light work of charging devices. The universal and flexible solution is particularly well suited for retrofitting BACHMANN products with a Custom Module mount, for situations where a lack of space has meant that charging was not possible in the past.
The USB chargers are powered by the Wieland device connector system GST18i3. The chargers are supplied with protection against overcharging, overvoltage, short circuits and overheating as standard. Charging standards: Apple devices fast charging, Samsung Galaxy Tab devices fast charging, BC1.2 Charging Specification.

SMART Adapter | p. 56

The new SMART Adapter series offers convenience and safety in response to your demand for intelligent living – all packed into a timeless, modern design. The SMART Adapters offer greater security for your entertainment electronics and allow electrical consumers to be easily and remotely switched using a smartphone or remote control – and end devices to be charged with USB standard.

Generation BN3000–BN7500 | p. 216

The BN3000 – BN7500 generation of our BlueNet products is synonymous with state-of-the-art technology – whether in the form of power distribution units (PDUs) that can be cascaded via Modbus, integrated AC/DC sensitive residual current monitoring (RCM), command line tools or the rotating OLED display.

BlueNet
Efficient Power Management

Technologies and function modules

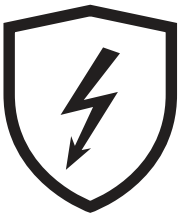
BACHMANN products are distinguished by their functionality and high technical standards. It is important to us that we tailor our products as specifically as possible to you. So, in addition to the standard functionalities, our products can be configured with the technologies and function modules presented in this catalogue.

We aim to satisfy your individual requirements as best we can.

Can't find a functionality? Want to ask something else?
Please contact us for an individual quotation!

Overvoltage protection

These days, the failure of electrical and electronic devices is a real nightmare scenario. So protecting such devices from excess electrical voltage is a core function. Don't worry: the BACHMANN strips with built-in overvoltage protection are the answer.



Mains and frequency filters

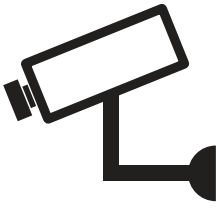
Mains and frequency filters ensure effective screening and smoothing of the input voltage. Only "clean" voltage gets through our mains and frequency filters. Voltage stabilisation and the filtering out of disturbance frequencies allows the connected device to run properly and smoothly.

Residual current circuit breakers / miniature circuit breakers

The residual current circuit breaker/miniature circuit breaker integrated in a BACHMANN strip gives you peace of mind. You can choose between the two circuit breakers; a combination of the two is possible as well, of course.

Anti-theft bracket

The anti-theft bracket is fitted permanently in the product and allows a Kensington lock to be affixed. Anti-theft protection for mobile hardware such as laptops, desktop PCs, projectors, LCD screens, tablets, etc.



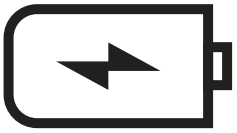
Pictograms and their meaning can be found on page 279.

Wi-Fi module

Wi-Fi technology allows electrical devices to be remotely switched using a smartphone and/or tablet. The SMART Adapter offer an easy-to-install system, which holistically meet the requirements of usability and flexiblity. The Wi-Fi SMART Adapters can also be linked with the 433 MHz Radio SMART Adapters and are therefore ideal for smart living.

USB charger (permanent installation)

The USB charger component has 2 ports with 5 V max. 2.15 A. Integrated in BACHMANN products, the ability to charge mobile devices using the universal USB charger is very convenient and the integrated mains adapter saves also space for socket outlets.



USB 3.0 hub

The USB 3.0 hub is an active USB component. It has a plug mains adapter that supplies the connected USB devices with power.

Data switch

Small, compact and easy to integrate into BACHMANN power strips: the high-speed network data switch provides PoE (Power over Ethernet) for selected devices.

Radio modules (868 MHz and 433 MHz)

The radio modules allow sockets to be remotely switched by hand. Particular attention is paid to the radio range, radio penetration and switching reliability. The flexibility and convenience of this technology can be seen in applications such as controlling circulating pumps (heating), devices behind furniture and in other hard-to-reach locations, room lighting and appliances with standby mode (e.g. entertainment systems).

Pictograms and their meaning can be found on page 279.

Save energy

One of the biggest challenges we face today is taking a careful and sustainable approach to the use of resources. It goes without saying that this includes responsible use of energy. The BACHMANN product range includes various technologies which help to save energy, thereby protecting the environment and cutting costs.

BENEFITS

- **Improvement to carbon footprint**
- **Environmental protection**
- **Saving energy means lower costs**

SMART Adapter E

The new SMART Adapter series offers convenience and safety in response to your demand for intelligent living – all packed into a timeless, modern design. The SMART Adapters offer greater security for your entertainment electronics and allow electrical devices to be easily and remotely switched using a smartphone or remote control – and end devices to be charged with USB standard.

- Energy saving by preventing electronic equipment running unnecessarily in standby mode.

For detailed information about the SMART Adapters, see page 56.

Automatic switch-off E

While power strips with switches are generally well suited for energy saving since they can prevent the connected equipment being left in standby mode, people unfortunately often forget to switch them off. The automatic switch-off function saves energy automatically using intelligent electronics.

- 30 seconds after the device connected to the master socket is shut down/ switched off, it automatically disconnects and all the devices connected to slave sockets (e.g. PC, TV) from the mains supply too.
- Power can be restored simply by pressing the button.
- Optional remote-controlled relay (mounts simply on the desk-/tabletop)
- Energy saving per workplace (with PC, monitor and printer) up to 200 kWh/year.

Master & Slave E

Energy can also be automatically saved using a master and slave power strip. By switching off or on the device into the master socket, this and all the devices connected to the slave sockets (e.g. PC, TV) are automatically switched off or on accordingly.

A particularly convenient feature is that the master-and-slave electronics are also suitable for master appliances with remote control.

- Automatically isolates the master unit and all slave units from the mains supply once the master unit is shut down/switched off.
- Once the master unit has been switched on, it automatically switches on this and all slave units.
- Integrated LED indicates switching state
- Energy saving per workplace (with PC, monitor and printer) up to 150 kWh/year

Timer switches E

Numerous appliances both at home and at work can be used significantly more efficiently with a simple-to-operate timer switch. The timer switch thinks for you, and so the user does not need to be concerned with switching on and off.

- Switches connected devices automatically on and off within the pre-set time window

For detailed information about the timer switches, see page 58.

Energy measuring instruments E

Identifying "power guzzlers" is essential if monitoring and reduction of energy consumption is to be effective. This energy measuring instrument gives a complete and clear overview of which device or group of devices is consuming excessive power. It measures energy consumption (kWh) and current effective power (W), thus enabling the desired savings to be made.

- For monitoring energy consumption and advance energy cost calculation for the devices connected.
- With plug adapter for mobile use in different electrical devices

For detailed information about the energy measuring instruments, see page 59.

New design for a better overview

FINDING YOUR WAY AROUND
The new catalogue structure features three levels: product family, product category and product variant.

QUICK FINDER
The seven product families are also printed on the outer edge of both sides of the page. This helps you find the various product families faster when using the catalogue.

PRODUCT DETAILS
The body text contains all central information such as product name, special product features, areas of use, benefits and – if applicable – design awards.

PRODUCT ATTRIBUTES
All the technical attributes of a product are shown together in the bottom left of the page and are marked using a gear symbol.

Connection panels | Integrated units | **TWIST**

CONNECTION PANELS

TWIST

TWIST is a power strip for living and work environments such as the office, lounge or kitchen. With its compact design and low mounting depth, it is easily integrated in desks or kitchen worktops. Because the power cable is routed close to the housing, the mounting depth is only around 40 mm, so the unit can be easily installed above a drawer.

With various surfaces and colours, TWIST blends easily into both modern and organic interiors. An ingenious fastening mechanism: after use, simply rotate the lid and the sockets disappear underneath it.

TWIST has won numerous highly renowned design prizes including the Good Design Award 2014, the Red Dot Product Design Award 2012, the Focus Open 2014 Silver and Interior Innovation Award 2014, the Best Office Award at the Office Next Moscow trade fair 2014 and lastly the Interzum Award: intelligent material & design 2015.

BENEFITS

- **Just 40 mm mounting depth**
- **Quick and easy to install**
- **Suitable for subsequent assembly**
- **KEMA-KEUR approved**
- **Space-saving cable guide**

AWARDS

Dimensions (H x Ø): 42.5 x 115 mm
Mounting depth: 40 mm
Desktop/tabletop thickness: as of 8 mm
Material: Cover disc: metal
Socket: plastic

Socket colour: black
Colour variants:

Watch the TWIST installation video at bachmann.com

98 www.bachmann.com Pictograms and their meaning can be found on page 279.

TWIST

#				K
Stainless steel look | Power input: 2.0 m cable with ferrules and mounting plug, enclosed				
931.000	2			
931.002		2		
931.008			2 (T23)	
Matt chrome | Power input: 2.0 m cable with ferrules and mounting plug, enclosed				
931.021	2			
931.016		2		
Matt chrome | Power input: 0.2 m cable and GST18 plug				
931.001	1			2
931.003		1		2
931.009			1 (T13)	2
Black (painted, similar to RAL9005) | Power input: 2.0 m cable with ferrules and mounting plug, enclosed				
931.100	2			
931.102		2		
Black (painted, similar to RAL9005) | Power input: 0.2 m cable and GST18 plug				
931.101	1			2
931.103		1		2
White (painted, similar to RAL9010) | Power input: 2.0 m cable with ferrules and mounting plug, enclosed				
931.200	2			
931.202		2		
White (painted, similar to RAL9010) | Power input: 0.2 m cable and GST18 plug				
931.201	1			2
931.203		1		2

931.000

931.021

931.001

931.100

931.200

CONNECTION PANELS

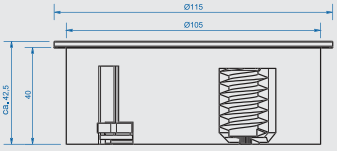
Accessories

#	
Hole saw | For installing the TWIST	
931.900	In wood/plastic | Cutting depth up to 44 mm | Diameter 105 mm
918.900	Adaptor tool for hole saw with centre drill

931.900 Similar to picture

918.900

With **a mounting depth of just 40 mm,** the TWIST is so compact that it is even possible to install it above a drawer.



Dimensions in mm

For suitable **device supply cables,** see from page 182.

K For suitable **Keystones,** see from page 143.

PRODUCT TABLES

Here, you will find product-specific information such as item numbers, version, colour, sockets etc. for all product versions.

ADDITIONAL PRODUCT INFORMATION

Below or above the product tables, you will find more information about the product and installation drawings.

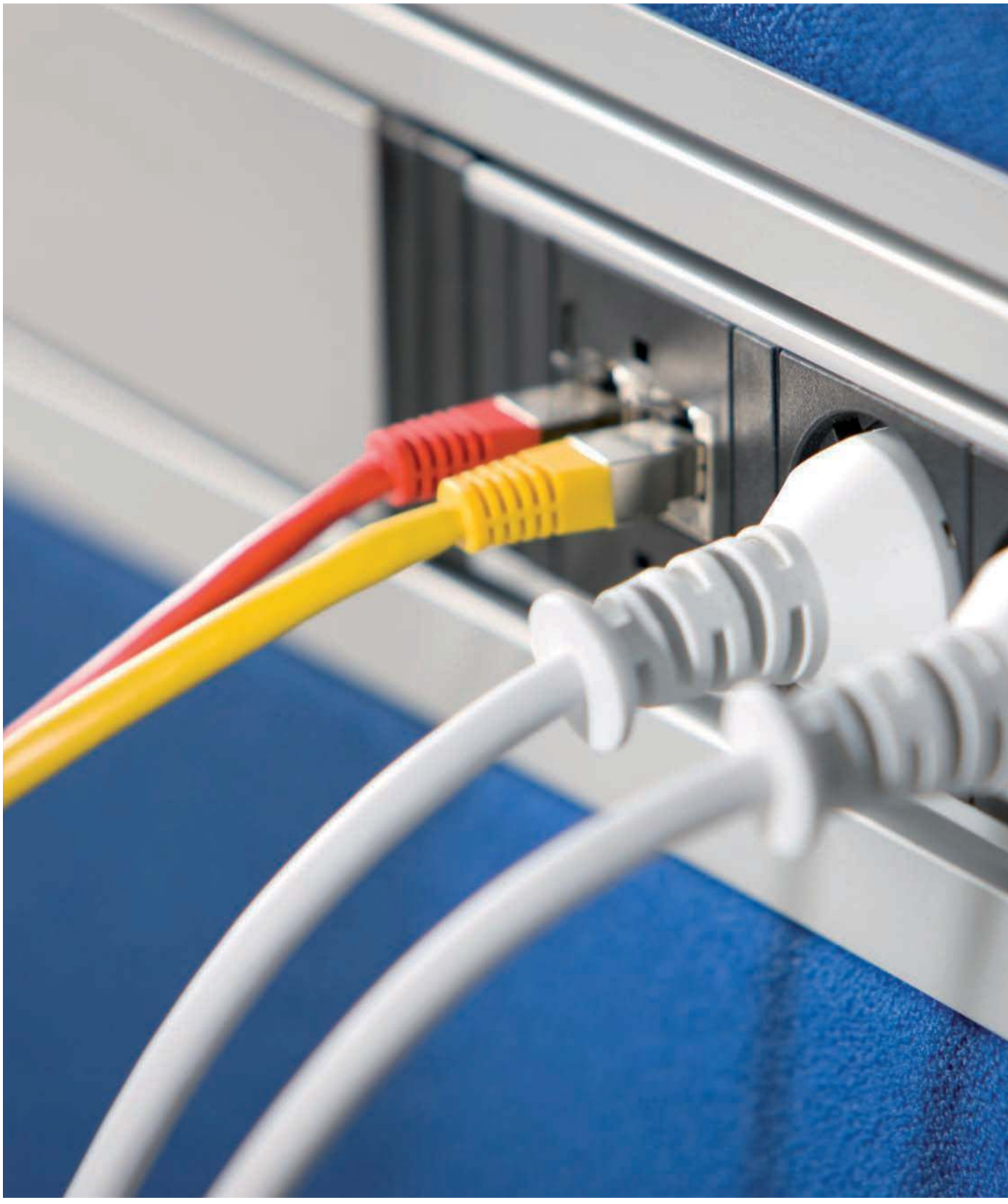
COMPATIBLE ADDITIONAL PRODUCTS

All information and page references to compatible additional products can be found in the bottom right of the page.

PICTOGRAMS AND THEIR MEANING

Here, you will find details of the relevant page for an in-depth explanation of the pictograms (symbols) used.

Power distribution



Power strips

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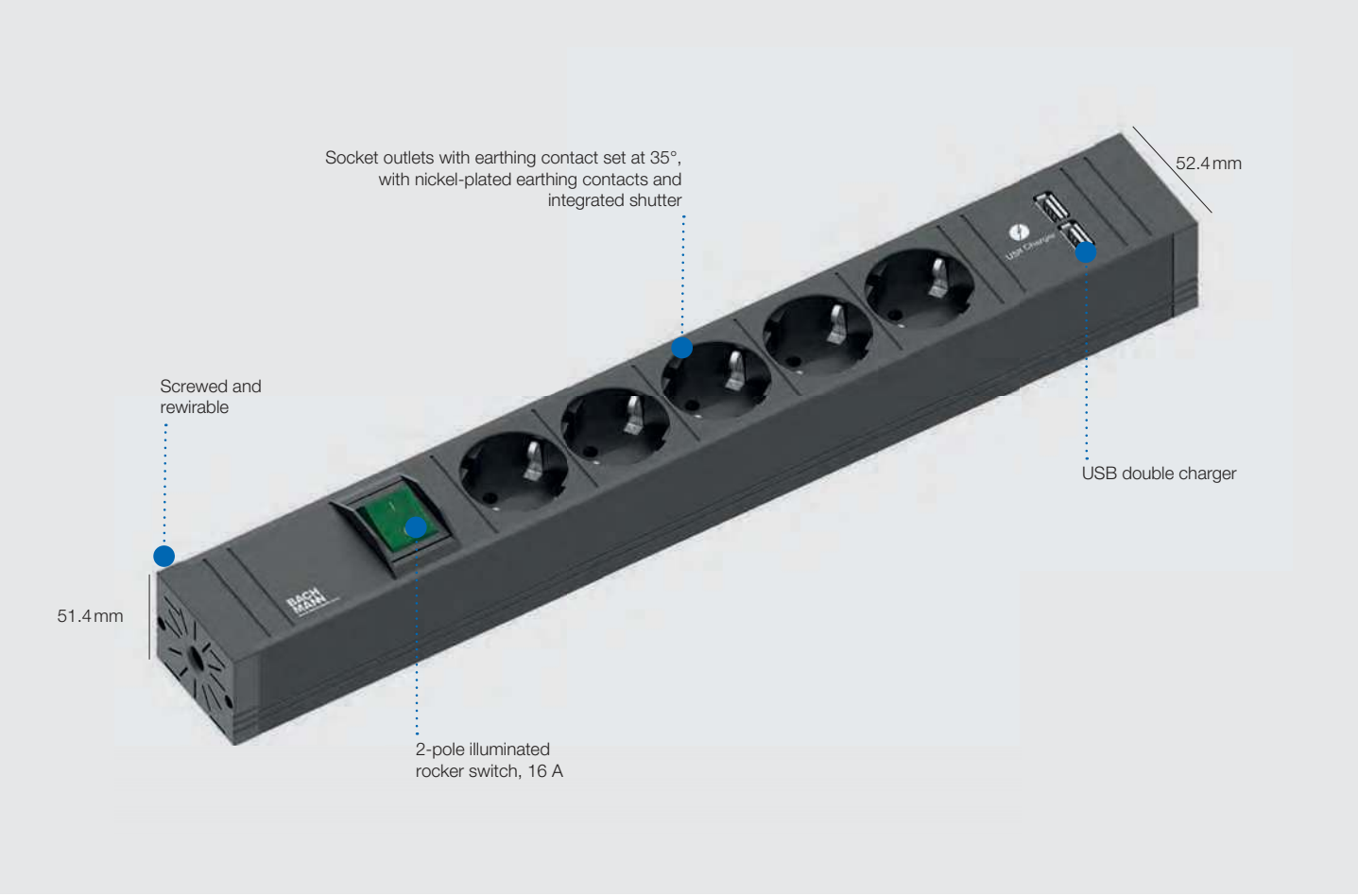


CONNECT LINE

BENEFITS

- **Compact power strip**
- **Versatile components**
- **USB double charger or overvoltage protection**
- **Flexible mounting options**
- **Plug and play**

Dimensions (W x H x D): *see table* x 53 x 52 mm
Profile: plastic
Socket colour: black

Colour variants:

Pictograms and their meaning can be found on page 279.

CONNECT LINE

· Supply cable: 2.0 m H05VV-F 3G 1.5 mm² with right-angled plug with earthing contact

#							
420.0014	7	35°	●				438 mm
420.0013	5	35°	●				353 mm
420.0012	4	35°	●				311 mm
420.0021	5	35°	●			●	406 mm
420.0022	5	35°	●	●			396 mm
420.0019	8	35°					438 mm
420.0018	6	35°					353 mm
420.0017	4	35°					268 mm
420.0069	3	35°		●			278 mm
420.0068	3	35°		●	●		368 mm

420.0014

420.0021

420.0022

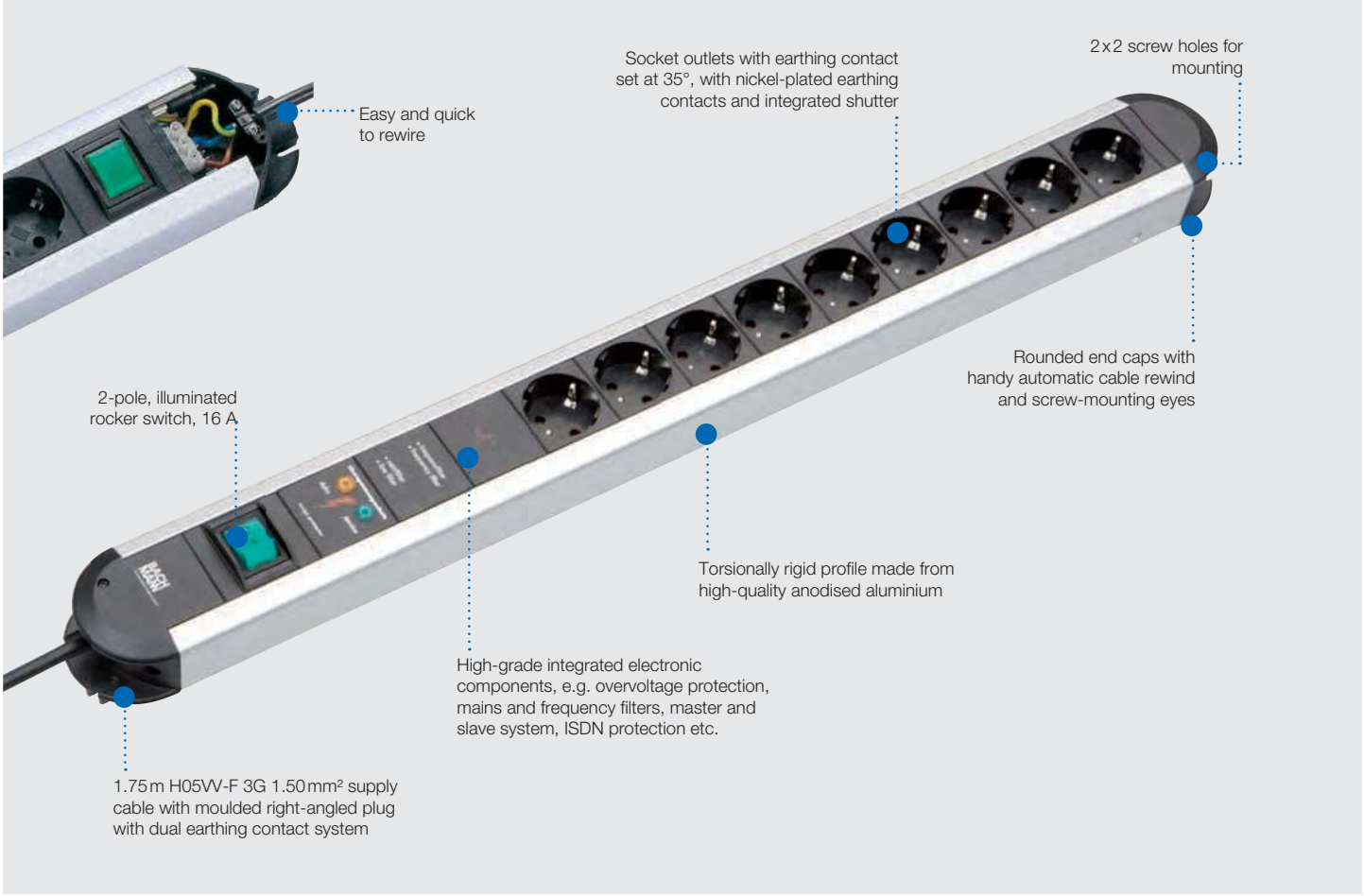
420.0019

420.0018

420.0017

All items including mounting brackets

Overvoltage protection with filter:
Overvoltage protection – conforms to DIN EN 61643-11:2013-04; VDE 0675-6-11:2013-04, type 3, discharge current 6.5 kA, response time < 25 nS. Suitable for 16 A (miniature fuse on request) with varistors, temperature fuse, gas discharge arrester, visual LED function and failure indicator (acoustic signalling also available on request). Mains and frequency filters – conforms to DIN EN 60939-1:2011-04; VDE 0565-3:2011-04 for voltage peaks up to 30 MHz, damping diagram on data sheet.



PRIMO

BENEFITS

- **Tested components**
- **Halogen- and PVC-free sockets**
- **Variants with:**
  - **Overvoltage protection, type 3**
  - **Mains and frequency filters for voltage peaks up to 30 MHz**
  - **USB charger with 2.1 A charging current**
- **Available with bigger socket distance, ideal for connecting power supply unit plugs**

Dimensions (W x H x D): *see table*
Profile: aluminium

Colour variants:

Pictograms and their meaning can be found on page 279.

PRIMO

· Supply cable: 1.75 m H05VV-F 3G 1.50 mm² with right-angled plug with earthing contact

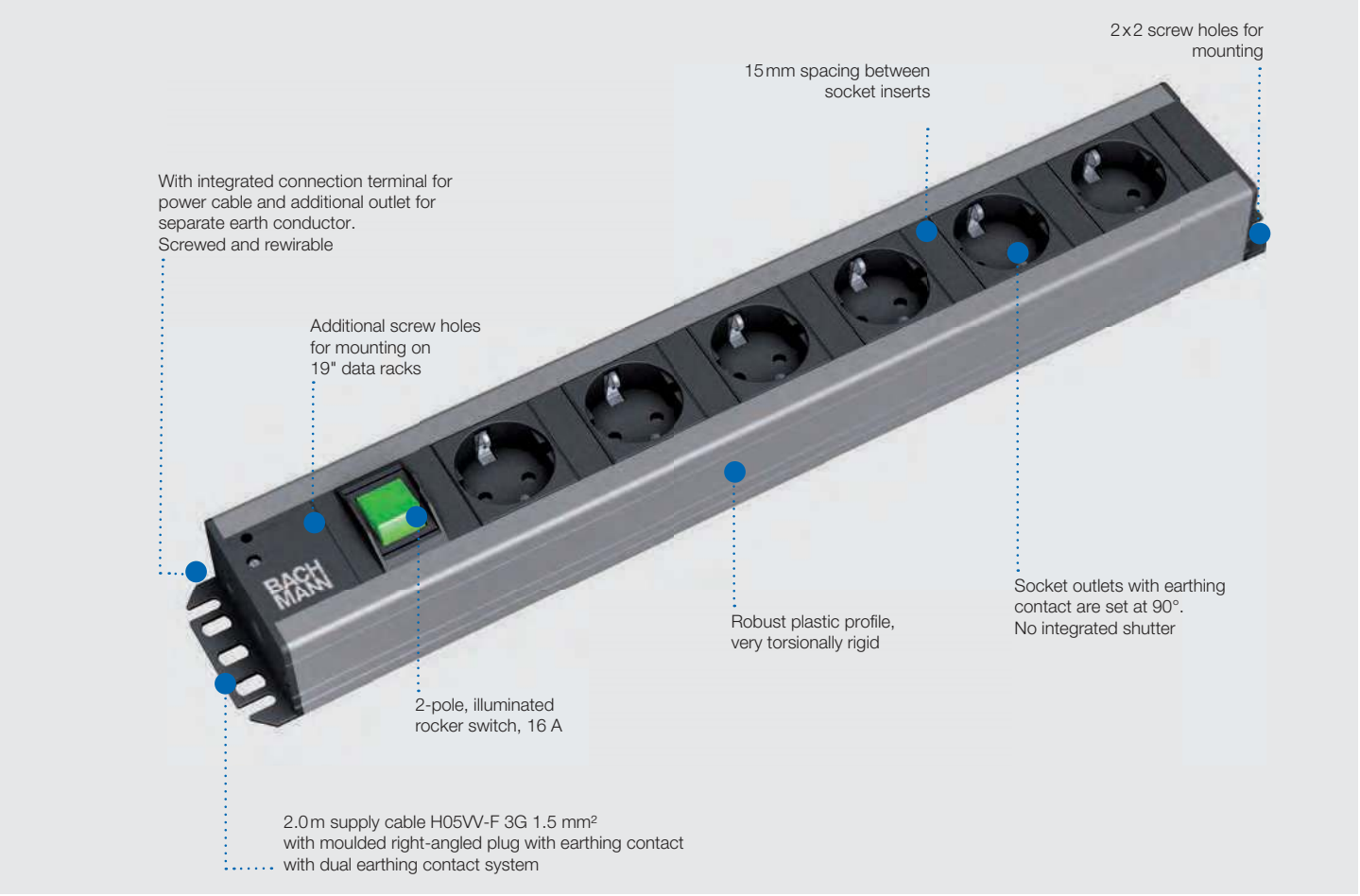
#								
330.073	12	35°	●					690 x 71 x 54 mm
330.072	9	35°	●					560 x 71 x 54 mm
330.071	6	35°	●					431 x 71 x 54 mm
330.070	3	35°	●					304 x 71 x 54 mm
331.072	9	35°	●	●	●			690 x 71 x 54 mm
331.071	6	35°	●	●	●			560 x 71 x 54 mm
331.154	8	35°	●				●	560 x 71 x 54 mm
331.012	12	35°						690 x 71 x 46 mm
331.011	9	35°						560 x 71 x 46 mm
331.010	6	35°						431 x 71 x 46 mm
331.000	3	35°						304 x 71 x 46 mm
331.007	9	35°		●	●			645 x 71 x 47 mm
331.006	6	35°		●	●			515 x 71 x 47 mm
331.035	6	35°				●		516 x 71 x 83 mm
331.013	6	35°	●	●				474 x 71 x 54 mm
331.014	6	35°		●				474 x 71 x 54 mm
Master + slave | E								
333.071	1 M + 6 S	35°		●	●			695 x 71 x 47 mm
332.071	1 M + 6 S	35°						573 x 71 x 47 mm
ISDN | 1 x ISDN input | 3 x ISDN output								
331.074*	6	35°	●	●	●			645 x 71 x 54 mm
15 mm spacing | Black								
331.055	6	90°	●	●	●		●	690 x 71 x 54 mm
85 mm spacing | Black								
331.032	5	35°						515 x 71 x 46 mm
Red colour | For IT power circuits								
331.040	6	35°						390 x 71 x 46 mm

PRIMO

· Supply cable: 2.0 m H05VV-F 3G 1.50 mm² with right-angled plug with earthing contact

#		
Master + slave + foot-operated switch | E | 2 x red continuous operation socket outlets with earthing contact | 0.1 m with GST18i3 plug | 0.1 m black with GST15/2 plug | Foot-operated switch with 2 m supply cable		
331.089	1 M + 5 S	670 x 71 x 47 mm

* No storage type



TRADESMAN'S STRIP

BENEFITS

- **End caps with additional screw holes for mounting in data racks**
- **Additional earth conductor connection possible without opening the housing**
- **Strips available in 19" dimensions**
- **Available with 15 mm spacing between the sockets, ideal for easy positioning of mains adapter plugs and operating equipment**

Dimensions (W x H x D): *see table* x 74 x 45 mm
Profile: plastic
Socket colour: black

Colour variants:

Pictograms and their meaning can be found on page 279.

TRADESMAN'S STRIP with standard distance between the sockets

· Supply cable: 2.0 m with right-angled plug with earthing contact

#							19"	
300.006	8	35°					•	445 mm
300.007	7	35°	•				•	445 mm

300.006

300.007

TRADESMAN'S STRIP with 15 mm distance between sockets

· Supply cable: 2.0 m with right-angled plug with earthing contact

#							19"	
300.030	5	90°	•			•	•	445 mm
300.011	6	90°	•	•				490 mm
300.012	6	90°	•	•	•			575 mm
300.005	12	90°	•					790 mm
300.004	9	90°	•					617 mm
300.003	6	90°	•				•	445 mm
300.002	12	90°						790 mm
300.001	9	90°						617 mm
300.000	6	90°					•	445 mm
Can be switched off individually								
300.049	4	90°	4					453 mm
300.050	6	90°	3					526 mm
Supply cable and switch on opposite sides								
300.008	6	90°	•					488 mm

300.030

300.011

300.012

300.005

300.002

300.049

300.050

300.008

TRADESMAN'S STRIP with 868 MHz radio module

· Supply cable: 2.0 m with right-angled plug with earthing contact
· 15 mm spacing between sockets

#				
Can be switched jointly | Radio module with one switching group				
821.000	3			352 mm
821.001	6			525 mm
821.002	6	•	•	653 mm
Can be switched jointly | 1 x socket outlet with earthing contact, continuous voltage | Radio module with one switching group				
821.032	4			395 mm
Can be switched in groups of 2 | 2 x socket outlet with earthing contact, continuous voltage | Radio module with 3 switching groups				
821.003	6	•	•	821 mm
Can be switched individually | 1 x socket outlet with earthing contact, continuous voltage | Radio module with 3 switching groups				
821.033	4			432 mm

821.001

821.002

821.032

821.003

821.033

Radio remote control

· Radio remote control for switching the 868 MHz radio modules

#	
821.017	3 groups with 2 buttons each (ON/OFF) | Status LED | 3 buttons for pairing | Sturdy design | Operate with 2 x micro AAA battery

821.017

CONNECTUS

BENEFITS

- **Very good value for money**
- **Practical automatic cable rewind**
- **Easy to mount using mounting holes**

Dimensions (W x H x D): *see table*
Profile: plastic
Material: plastic profile

Colour variants:

Pictograms and their meaning can be found on page 279.

CONNECTUS

· Supply cable: 2.0 m H05VV-F 3G 1.50 mm² with right-angled plug with earthing contact
· Socket colour: black

#							
330.105	6		●	●	●		568 x 72 x 49 mm
330.104	6		●	●			480 x 72 x 49 mm
330.103	12		●				695 x 72 x 49 mm
330.102	9		●				570 x 72 x 49 mm
330.101	6		●				440 x 72 x 49 mm
330.100	4		●				355 x 72 x 49 mm
Master + Slave | E							
330.107	1 M + 4 S			●	●		610 x 72 x 49 mm
330.106	1 M + 4 S						480 x 72 x 42 mm
330.106F*		1 M + 4 S					480 x 72 x 49 mm
Master + Slave | E | With external button							
330.140	1 M + 4 S					●	538 x 72 x 49 mm
With external button | E | 1.5 m cable to plug | 1.5 m cable to switch							
330.142	6						442 x 72 x 49 mm
330.153	6			●	●		572 x 72 x 49 mm
Orange switch							
330.104F*		6	●	●	●		480 x 72 x 49 mm
330.101F		6	●				440 x 72 x 49 mm
330.100F		4	●				355 x 72 x 49 mm

CONNECTUS

· Supply cable: 2.0 m H05VV-F 3G 1.0 mm² with C14 non-heating device plug
· Socket colour: red

#		
10 A Micro fuse		
330.300	3	273 x 72 x 46 mm

330.300

* No storage type

Pictograms and their meaning can be found on page 279.

STEP

STEP embodies the principle of modularity with absolute consistency. The system is thus ideal for the flexible delivery of power and data to workstations, in partition systems, raised floors and other connection types.

The modular design of STEP power strips offers virtually endless possibilities: from simple power supply sets through to power strips with integrated data connections, RCDs/MCBs, overvoltage protection, media technology connections and much more.

STEP is equipped with Wieland GST18i3 as standard for the power supply and can therefore be supplied with a variety of cable lengths. Other plug connector systems can also be supplied on request.

BENEFITS

- **Modularity**
- **Versatile applications**
- **Installation connector system as standard**
- **Functional efficiency**

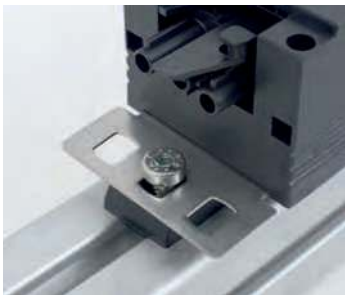
Dimensions (W x H x D): *see table* x 52 x 44 mm
Material: STEP BASE: plastic profile
STEP ALU: aluminium profile

Power input: GST18
Power output: GST18

Colour variants:

Pictograms and their meaning can be found on page 279.

STEP – the all-round system designed for expansion.



Perfectly tailored for the best connections
The STEP power strip is available with an aluminium or plastic profile. It is possible to connect multiple power strips together to form a modular system.
STEP is designed primarily as a simple electricity supply unit for office workstations. Permanently installed devices such as PCs, monitors, printers, etc. can be connected to STEP.

STEP power strips have a power input and a power output, each of which is built into the end caps on the face end.
The Wieland GST18 plug connectors fitted are particularly tried-and-tested solutions for office use and have the coding and latch mechanism required to comply with the applicable standard.

Various fixing options
STEP power strips are versatile in their application. They can be fitted, for example, under tabletops, in cable ducts and in partitions.
Different attachment options are available to suit these various applications (on page 29).

STEP BASE power strips

#					
STEP BASE | Socket colour: black					
336.600	3			35°	220 mm
336.603		3		35°	220 mm
906.1306*			2	45°	220 mm
906.0055*			4	45°	322 mm
336.604	4			35°	263 mm
336.606		4		35°	263 mm
336.626	5			35°	305 mm
STEP BASE | Socket colour: red					
336.601	3			35°	220 mm
STEP BASE + 2 switches | Socket colour: black					
906.0059*			2	45°	244 mm
STEP BASE + 1 switch | Socket colour: black					
906.0060*			4	45°	365 mm

336.600

336.604

336.601

For suitable **device supply cables,** see from page 182.

For suitable **Custom Modules,** see from page 140.

* External earthing

STEP ALU power strips

#								
STEP ALU | Socket colour: black								
336.039	3				35°			220 mm
906.1075		3			35°			220 mm
906.014	4				35°			263 mm
336.046		4			35°			263 mm
906.1086*			3		90°			220 mm
906.000	2				35°		1	220 mm
906.002		2			35°		1	220 mm
906.071			2		90°		1	220 mm
336.079				2	45°		1	285 mm
906.001	2				35°		2	263 mm
906.009*		2			35°		2	263 mm
906.080*			2		90°		2	263 mm
906.0113*	2				35°	●	1	263 mm
906.1109						●		146 mm
STEP ALU | Socket colour: red								
336.067	3				35°			220 mm
336.072		3			35°			220 mm
336.088		4			35°			263 mm
STEP ALU + 1 switch | Socket colour: black | Switch only switches sockets								
906.003	3				35°			263 mm
STEP ALU + 1 switch | Socket colour: black | Switch switches power output and sockets								
906.031	3				35°			263 mm
STEP ALU + 1 switch + RCD | Socket colour: black | Switch switches power output and sockets								
906.150	2				35°			359 mm
STEP ALU for custom modules set at 90° | Socket colour: black								
906.024	2				35°		1 (90°)	220 mm
906.093		2			35°		1 (90°)	220 mm
906.0703*			2		90°		1 (90°)	220 mm
906.0704*				2	90°		1 (90°)	220 mm

336.039

906.000

906.001

906.0113

336.067

906.003

906.150

906.024

STEP safety modules

#	
336.003	**STEP ALU overvoltage protection** Width: 147 mm | 2 kV overvoltage protection with function and fail indicator
336.004	**STEP ALU overvoltage protection | Mains and frequency filter** Width: 220 mm | 2 kV overvoltage protection with function and fail indicator | 30 MHz mains filter
336.015	**STEP ALU miniature circuit breaker** Width: 220 mm | Miniature circuit breaker, 16 A, 2-pole | Characteristic B
336.014	**STEP ALU RCD** Width: 220 mm | Residual circuit breaker | Response current 30 mA | Response time 30 ms | 2-pole
906.067	**STEP ALU RCD** Width: 220 mm | Residual circuit breaker | Response current 10 mA | Response time 30 ms | 2-pole
336.065	**STEP ALU RCD** Width: 220 mm | Residual circuit breaker | Response current 30 mA | Response time 30 ms | 2-pole | Miniature circuit breaker 16 A nominal current | Characteristic B; 6 kA

336.003

336.004

336.015

336.014

For suitable **device supply cables,** see from page 182.

For suitable **Custom Modules,** see from page 140.

Pictograms and their meaning can be found on page 279.

* No storage type

STEP safety modules

#	
336.006	**STEP ALU master & slave | E** Width: 220 mm | Master & slave circuit with threshold value setting 10-100 W
906.005	**STEP ALU automatic switch-off | E** Width: 263 mm | Energy-efficient | 1 x automatic switch-off with socket | 1 x button connection with 0.5 m cable and plug connector for connecting to 917.060 module

336.006

906.005

STEP accessories

#	
375.502	**Mounting accessories** 4 x 2.9 x 30 mm screws | 2 x cover strips for the end caps as optical finish (to be placed on the end caps where two power strips are linked together) | 1 x connection cover | 1 x end cap for power output socket
940.096	**Stainless steel mounting brackets** For plugging into the rear of a STEP profile | Ideal for use with power strips with data connections | Packaging unit: 2 units
940.024	**Stainless steel mounting bracket with elongated hole** For plugging into the rear of a STEP profile | With elongated hole (keyhole) for screwing into place, ideal for use with power strips with data connections | Packing unit: 1 x left, 1 x right
940.097	**Straight stainless steel mounting brackets** For plugging into the rear of a STEP profile | For screwing in place, e.g. under a table | Packaging unit: 2 units
375.529	**STEP blanking strips** For positioning on the end caps of the STEP power strip | Optical finish | Black plastic | Packing unit: 2 units
940.108	**Steel sheet mounting plate** For insertion into rear of STEP profile | Tightening the nut on the threaded screw fixes the power strip in place | 1 mounting plate including M5 screw, washer and nut
918.025	**STEP plastic mounting clip** For attaching STEP BASE and STEP ALU power strips | In suitable cut-outs in steel sheet (thickness 2.0 mm) | 2 x plastic mounting clips | 4 screws 2.9 x 30 mm
918.123	**Double-sided mirror tape** Double-sided adhesive mirror tape | Dimensions 200 x 30 x 3 mm

375.502

940.096

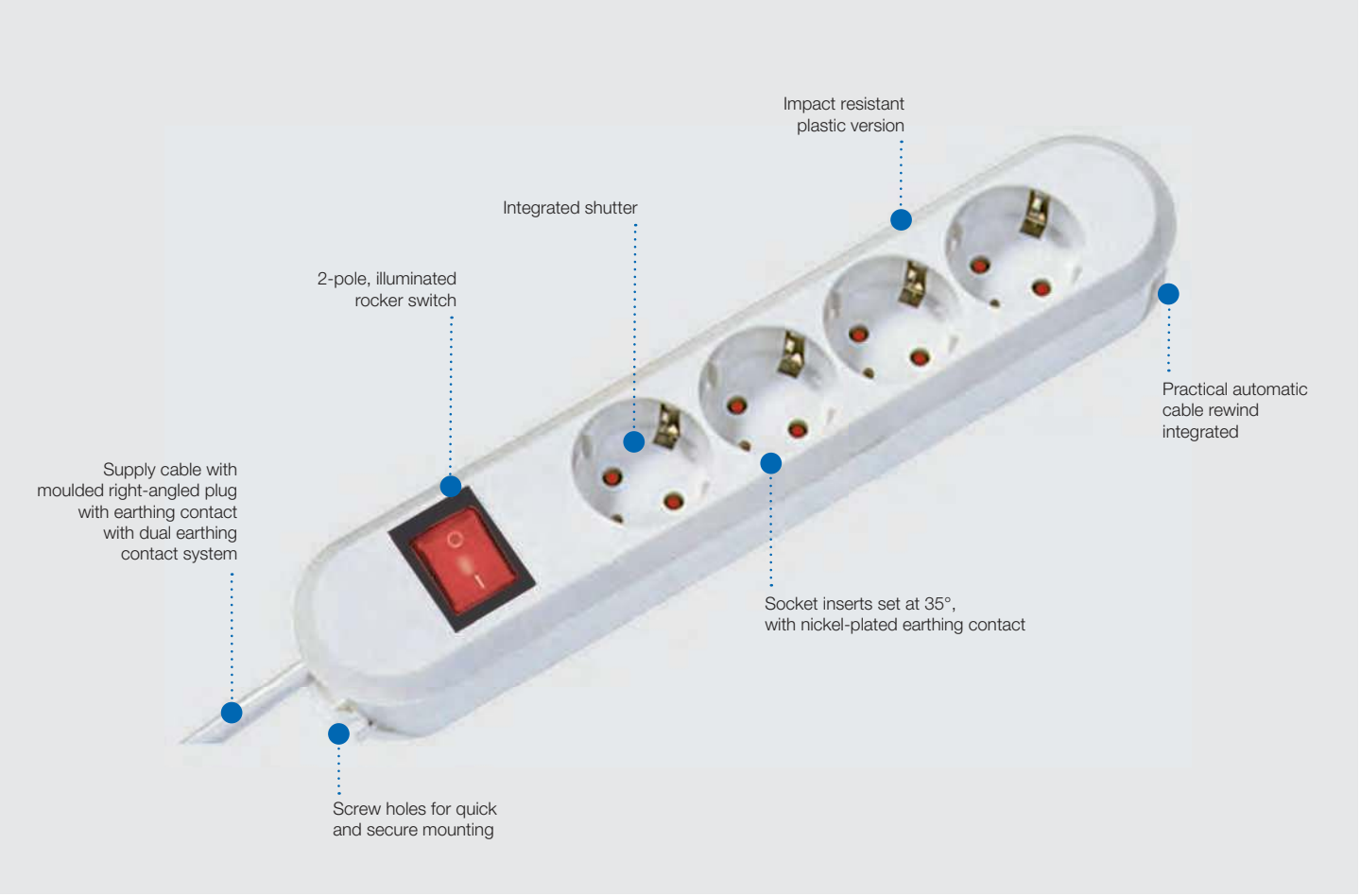
940.024

940.097

375.529

940.108

918.025



SMART

BENEFITS

- **Product variants: rewirable and non-rewirable**
- **Overvoltage protection**
- **Easy to mount using screw holes**
- **Practical automatic cable rewind**
- **Robust design**

SMART

#	
Radio SMART 3x earthing contact 433 MHz | Power strip with integrated radio remote switch, 10A/230V~	
381.800	IP20 | Single-pole switching with indicator LED, manually switchable | 433.92 MHz, unidirectional, radio range 30 m outdoors | Switchable using remote control or using the app (trained to Wi-Fi SMART Adapter on p. 57)
USB SMART 3x earthing contact | Power strip with integrated 2-way USB charger, 16A/230V~	
381.801	White | IP20 | Total charging current for USB charger: max. 3.1A/5V

381.800

381.801

Dimensions (W x H x D): *see table* x 56 x 41 mm
Profile: plastic

Colour variants:

Pictograms and their meaning can be found on page 279.

SMART

#							
Supply cable: 5.0 m H05VV-F 3G 1.50 mm² with moulded right-angled plug with earthing contact							
381.152K	6			●	●	350 mm	black
381.252K	6			●	●	350 mm	white
381.149K	6				●	350 mm	black
381.249K	6				●	350 mm	white
387.172	3					188 mm	black
388.172	3				●	188 mm	black
387.272	3					188 mm	white
388.272	3				●	188 mm	white
Supply cable: 3.0 m H05VV-F 3G 1.50 mm² with moulded right-angled plug with earthing contact							
381.151K	6			●	●	350 mm	black
381.251K	6			●	●	350 mm	white
381.148K	6				●	350 mm	black
381.248K	6				●	350 mm	white
387.171	3					188 mm	black
388.171	3				●	188 mm	black
387.271	3					188 mm	white
388.271	3				●	188 mm	white
388.471	3				●	188 mm	brown
388.371	3				●	188 mm	red
381.2507K		6	●	●	●	350 mm	black
381.2512K		6	●	●	●	350 mm	white
Supply cable: 1.5 m H05VV-F 3G 1.50 mm² with moulded right-angled plug with earthing contact							
381.150K	6			●	●	350 mm	black
381.250K	6			●	●	350 mm	white
381.450K	6			●	●	350 mm	brown
381.2501K	6		●	●		390 mm	white
381.147K	6				●	350 mm	black
381.247K	6				●	350 mm	white
381.130K	4			●	●	290 mm	black
381.230K	4			●	●	290 mm	white
381.121K	4				●	290 mm	black
381.221K	4				●	290 mm	white
387.170	3					188 mm	black
388.170	3				●	188 mm	black
387.270	3					188 mm	white
388.270	3				●	188 mm	white
Without supply cable							
381.246K	6				●	350 mm	white
381.223K	4				●	290 mm	white
385.170	3				●	188 mm	black
385.270	3				●	188 mm	white

381.248K

388.171

388.271

388.471

388.371

381.2512K

381.250K

381.2501K

381.230K

381.221K

Screw mounting

· Attaches to table with screw mounting, e.g. on the edge of a table
· Can be positioned lengthwise or crosswise

#	
919.273	White | For all rewirable (reusable screws) power strips, plastic version

919.273

Multiple plug

· Max. 2.5 A / 250 V~
· 2 x Euro socket

#	
921.271	White

921.271

Surface-mounted standard ERGE socket outlet with earthing contact

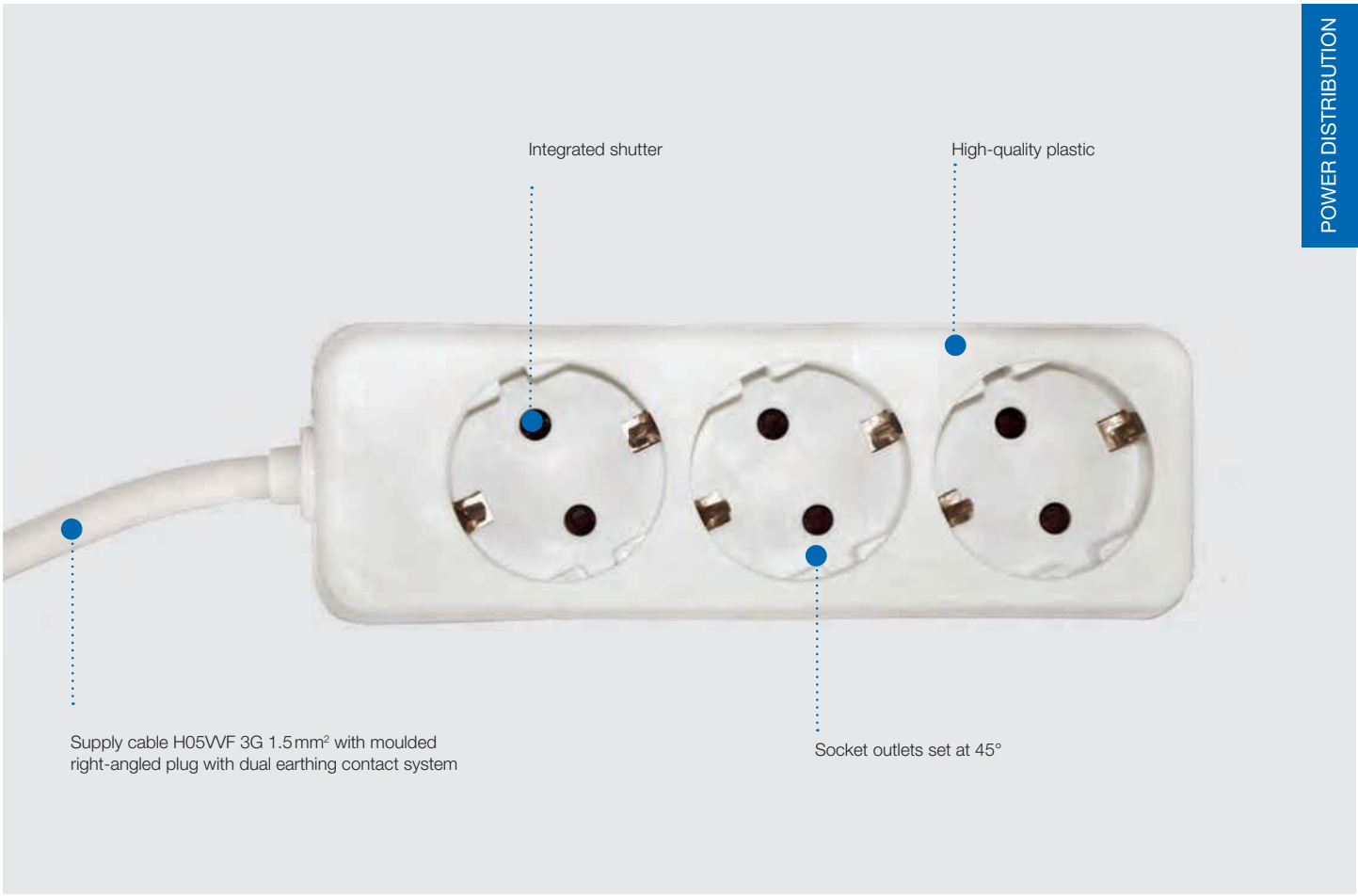
· DIN 49 440

#	
382.204	1 x surface-mounted earthing contact socket | Greenland white
382.205	2 x surface-mounted earthing contact socket | Greenland white

382.204

382.205

Pictograms and their meaning can be found on page 279.



SELLY

SELLY

#					
Supply cable: 3.0 m H05VV-F 3G 1.50 mm²					
387.271S	3	45°		154 mm	white
387.275S	3	45°		190 mm	white
Supply cable 1.5 m H05VV-F 3G 1.50 mm²					
381.244S	6	45°	●	324 mm	white
381.144S	6	45°	●	324 mm	black
381.241S	6	45°		275 mm	white
381.141S	6	45°		275 mm	black
384.272S	3	45°	●	192 mm	white
387.270S	3	45°		154 mm	white
387.274S	3	45°		190 mm	white

Dimensions (W x H x D): *see table* x 50 x 40 mm
Profile: plastic

Colour variants:

* No storage type

Pictograms and their meaning can be found on page 279.

Illustration with CONI COVER

UNIVERSAL

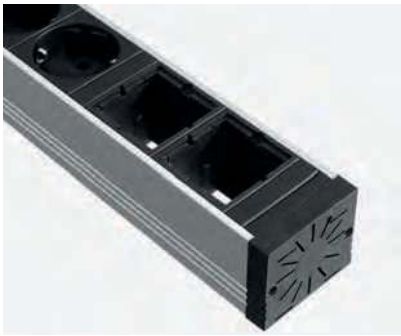
BENEFITS

- **Complete unit for power, data and media connections on desks and conference tables**
- **Includes 3.0 m power connection cable**
- **Outstanding flexibility through use of BACHMANN Custom Modules**
- **Attachment in various positions/at various angles using metal retaining brackets**
- **Ideally suited to use in table ducts**

Dimensions (W x H x D): *see table* x 52 x 44 mm
Material: aluminium profile
Socket colour: black

Colour variants:

Pictograms and their meaning can be found on page 279.



UNIVERSAL power strips

· Power input: 3.0 m with right-angled plug with earthing contact, including mounting brackets

#					C	⟷
922.0181	5			35°	2	406 mm
922.083		5		35°	2	406 mm
922.098			5	45°	2	434 mm
922.0071	4			35°	3	406 mm
922.082		4		35°	3	406 mm
922.097			4	45°	3	428 mm
922.0111	3			35°	1	279 mm
922.0231		3		35°	1	279 mm
922.096			3	45°	1	295 mm

922.0181

922.083

922.0071

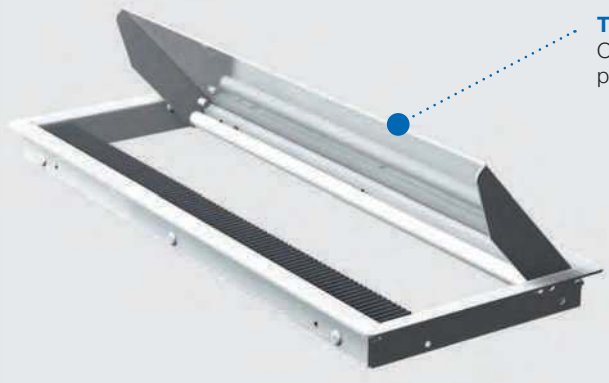
922.082

922.0111

Media racks/IT panels

#	
19" Custom Module panel 1.5 U | Anodised aluminium	
903.003	Accommodates up to 9 custom modules | Incl. mounting brackets

903.003



The perfect combination
Our CONI COVER mounting frames can be perfectly combined with the UNIVERSAL.

For suitable **CONI COVER mounting frames,** see from page 82.

Garden socket outlets

Garden socket outlet with earth spike, 16 A | 230 V~ | IP44

· With hinged lid, splash-proof

#	
2.0 m cable H07RN-F 3G 1.50 mm² with central plug with earthing contact	
394.180	2 x socket outlet with earthing contact 230 V~ | Black/yellow
394.182	4 x socket outlet with earthing contact 230 V~ | Black/yellow
394.175	3 x socket outlet with earthing contact 230 V~ | Green

394.180
Similar to illustration

394.175
Similar to illustration

Outdoor socket outlet, 16 A | 230 V~ | IP44

· Can be closed with central plug plugged in
· Shackle for padlock prevents power from being stolen
· Clear polycarbonate lid with seal with foam surround protects against splash and rain

#	
Lockable | Series 9015 | Only for mounting on wall | L/W/H 185 x 85 x 80 mm	
924.349	For central plug | 1 x socket outlet with earthing contact | Supplied without lock and plug
924.3491	For right-angled plug | 1 x socket outlet with earthing contact | Supplied without lock and plug

924.349

924.3491

Pictograms and their meaning can be found on page 279.

Outdoor (IP44)

Solid rubber distributor

· 2.0 m supply cable H07RN-F3G 2.50 mm²

#	
349.185	Input: 1 x solid rubber earthing contact plug 16 A / 250 V~ Output: 6 x socket outlets with earthing contact 16 A / 250 V~
349.184	Input: 1 x CEE plug 16 A / 400 V~ Output: 1 x CEE socket 16 A / 400 V~ 3 x socket outlets with earthing contact 16 A / 250 V~

349.185

349.184

Distributor for socket

#	
5 x socket outlet with earthing contact	
349.046	4.5 m H07RN-F 3G 1.5 mm² with earthing contact plug | With hinged lids and switch
4 x socket outlet with earthing contact	
349.044	10.0 m H07RN-F 3G 1.5 mm² with earthing contact plug | With hinged lids
3 x socket outlet with earthing contact	
349.045	1.5 m H07RN-F 3G 1.5 mm² with earthing contact plug | With hinged lids and switch
381.109	230 V 16 A | With hinged lids | With attachment eye and 4 fixing points | Solid elastomer version | Without supply cable

349.046

349.044

349.045

381.109

Pictograms and their meaning can be found on page 279.

Cable reels

Meistertrommel cable reel

#	
4 x socket outlet with earthing contact | Conforms to DGUV-I 203-006	
399.000	Empty reel | Conforms to DGUV-I 203-006 with H07RN-F or H07BQ-F cable type
399.003	25 m H07RN-F3G 1.5 mm² | Black | With central earthing contact plug
399.004	40 m H07RN-F3G 1.5 mm² | Black | With central earthing contact plug
399.005	50 m H07RN-F3G 1.5 mm² | Black | With central earthing contact plug
399.006	40 m H07RN-F3G 2.5 mm² | Black | With central earthing contact plug
4 x socket outlet with earthing contact | Construction site cable Austria	
399.012	40 m XYMM-J3G 1.5 mm² | Yellow | With central earthing contact plug
3 x socket outlet with earthing contact | 1 x CEE socket 16 A | Conforms to DGUV-I 203-006	
399.007	Empty reel | Conforms to DGUV-I 203-006 with H07RN-F or H07BQ-F cable type
399.009	25 m H07RN-F5G 2.5 mm² | Black | With CEE plug 16 A
Other	
399.010	Empty reel with closed plate for configuration by user | Conforms to DGUV-I 203-006

399.000

399.012

399.007

399.010

Cable reel with portable RCD, 3-way

- Cable: H07BQ-F 3G 1.50 mm²
- 3 socket outlets with earthing contact with hinged lid
- Integrated 1-pole thermal cut-out
- Dual tubular frame
- Reel body made from unbreakable hard rubber

#	
398.200	**25 m** Earthing contact plug 16 A / 30 mA Cable: orange | Reel: black

398.200

BGI608 is now called DGUV-I 203-006
BGI600 is now called DGUV-I 203-005

 Pictograms and their meaning can be found on page 279. * No storage type

Professional cable reel, 3-way, 16 A / 250 V ~

· Cable: H07RN-F 3G 1.50 mm²
· 3 socket outlets with earthing contact with hinged lid
· Integrated 1-pole thermal cut-out
· Dual tubular frame
· Reel body made from unbreakable special plastic
· Conforms to DGUV-I 203-006

#	
399.181	**25 m** Central earthing contact plug Cable: black | Reel: black
399.182	**40 m** Central earthing contact plug Cable: black | Reel: black
396.184	**Empty reel, holds up to max. 40 m H07RN-F 3G 1.50 mm² | Conforms to DGUV-I 203-006 with H07RN-F or H07BQ-F cable type** Wheel diameter 280 mm Reel body made from unbreakable special plastic, black

399.182

Professional cable reel, 3-way, 16 A / 400 V ~

· 1 CEE socket 16 A/400 V~
· 2 socket outlets with earthing contact 250 V~ with hinged lid
· Integrated 3-pole thermal cut-out
· Dual tubular frame
· Conforms to DGUV-I 203-006

#	
399.180	**25 m** CEE plug | Cable: H07RN-F 5G 1.50 mm² | Reel body made from unbreakable plastic | Cable: black | Reel: black
399.186	**40 m** CEE plug | Cable: H07RN-F 5G 2.50 mm² | Reel body made from unbreakable hard rubber | Cable: black

399.180

399.186

Professional cable reel, 4-way, 16 A / 250 V ~

· Cable: H07RN-F 3G 2.50 mm²
· 4 socket outlets with earthing contact with hinged lid
· Integrated 1-pole thermal cut-out
· Dual tubular frame
· Reel body made from unbreakable hard rubber
· Conforms to DGUV-I 203-006

#	
399.189	**50 m** Central earthing contact plug Cable: black

399.189

Equipment supply reel with thermal cut-out

#	
397.003	**Large plastic empty reel** Integrated cable winder and locking brake | Holds up to max. 50 m H05VV-F 3G 1.50 mm² | Wheel diameter 290 mm | Reel: black

397.003

Cable reel, 4-way without lid

· Integrated 1-pole thermal cut-out
· 4 x socket outlet with earthing contact
· 16 A / 250 V~ | IP20

#	
Plastic 25 m	
392.180	Cable: H05VV-F 3G 1.50 mm² | Central plug with dual earthing contact system | Cable: black | Reel: black
395.180	Cable: H05RR-F 3G 1.50 mm² | Central earthing contact plug | Cable: black | Reel: black
Plastic 50 m	
392.181	Cable: H05VV-F 3G 1.50 mm² | Central plug with dual earthing contact system | Cable: black | Reel: black
395.181	Cable: H05RR-F 3G 1.50 mm² | Central earthing contact plug | Cable: black | Reel: black
Large plastic empty reel	
396.181	Holds up to max. 50 m H05RR-F 3G 1.50 mm² | Wheel diameter 280 mm | Reel: black
Steel sheet 25 m	
398.183	Cable: H05VV-F 3G 1.50 mm² | Central plug with dual earthing contact system | Cable: black | Reel: silver
398.181	Cable: H05RR-F 3G 1.50 mm² | Central earthing contact plug | Cable: black | Reel: silver
Steel sheet 50 m	
398.182	Cable: H05RR-F 3G 1.50 mm² | Central earthing contact plug | Cable: black | Reel: silver
Steel sheet empty reel, large	
396.182	Wheel diameter 290 mm | Reel: silver

395.181

398.182

Cable reel, 3-way, with hinged lid

· Integrated 1-pole thermal cut-out
· Splash-proof – for outdoor use
· 3 x socket outlet with earthing contact
· 16 A / 250 V~

#	
Plastic 25 m	
392.182	IP44 | Cable: H07RN-F 3G 1.50 mm² | Central earthing contact plug | Cable: black | Reel: black | Conforms to DGUV-I 203-006
Plastic 40 m	
392.183	IP44 | Cable: H07RN-F 3G 1.50 mm² | Central earthing contact plug | Cable: black | Reel: black | Conforms to DGUV-I 203-006
Plastic empty reel | Holds up to max. 40 m	
396.183	Cable: H07RN-F 3G 1.50 mm² | Wheel diameter 280 mm | Reel: black | Conforms to DGUV-I 203-006
Steel sheet 40 m | Iron Coat series	
398.180	IP44 | Cable: H07RN-F 3G 1.50 mm² | Central earthing contact plug | Cable: black | Reel: silver | Conforms to DGUV-I 203-006
Steel sheet 50 m	
398.186	IP44 | Cable: H05RR-F 3G 1.50 mm² | Central earthing contact plug | Cable: black | Reel: silver
Steel sheet empty reel | Holds up to 40 m cable	
396.187	Wheel diameter 280 mm | Reel: silver | Conforms to DGUV-I 203-006 with H07RN-F or H07BQ-F cable type

392.183

398.186

Pictograms and their meaning can be found on page 279.

Spare parts for cable reels

#	
Thermal cut-out	
900.180	1-pole (suitable for all cable reels apart from Meistertrommel reels) | Red
900.181	3-pole | Red
Socket insert	
900.187	4-way, with thermal cut-out | Black
910.105	3-way with lid and thermal cut-out | Lid: red | Plate: black
2 x socket outlets with earthing contact, 1 x CEE socket outlet 16 A / 400 V ~	
910.106	2-way with hinged lid | Without thermal cut-out | Lid: red | Plate: black

900.180

900.187

910.105

910.106

SELLY cable reels

· 4 x socket outlet with earthing contact
· INTERTEK GS mark (tested safety)

#	
392.189	**Plastic 25 m** Cable: H05VV-F 3G 1.5 mm² | IP20
392.190	**Plastic 50 m** Cable: H05VV-F 3G 1.5 mm² | IP20
392.191	**Steel sheet 40 m** Cable: H07RN-F 3G 1.5 mm² | IP44

392.190

392.191

4-way cable box

· With built-in thermal cut-out | 1-pole
· Right-angled plug with dual earthing contact system
· Version with hand grip and winding handle
· Cable: H05VV-F 3G 1.50 mm²
· 16 A / 250 V~

#	
393.002	**10 m** Max. load capacity: 3500 W fully unwound | 1200 W fully wound | Cable: black | Box: black | With shutter
393.006	**20 m** Highly shatter-proof version | Max. load capacity: 3500 W fully unwound | 1000 W fully wound | Cable: black | Box: black/blue

393.006

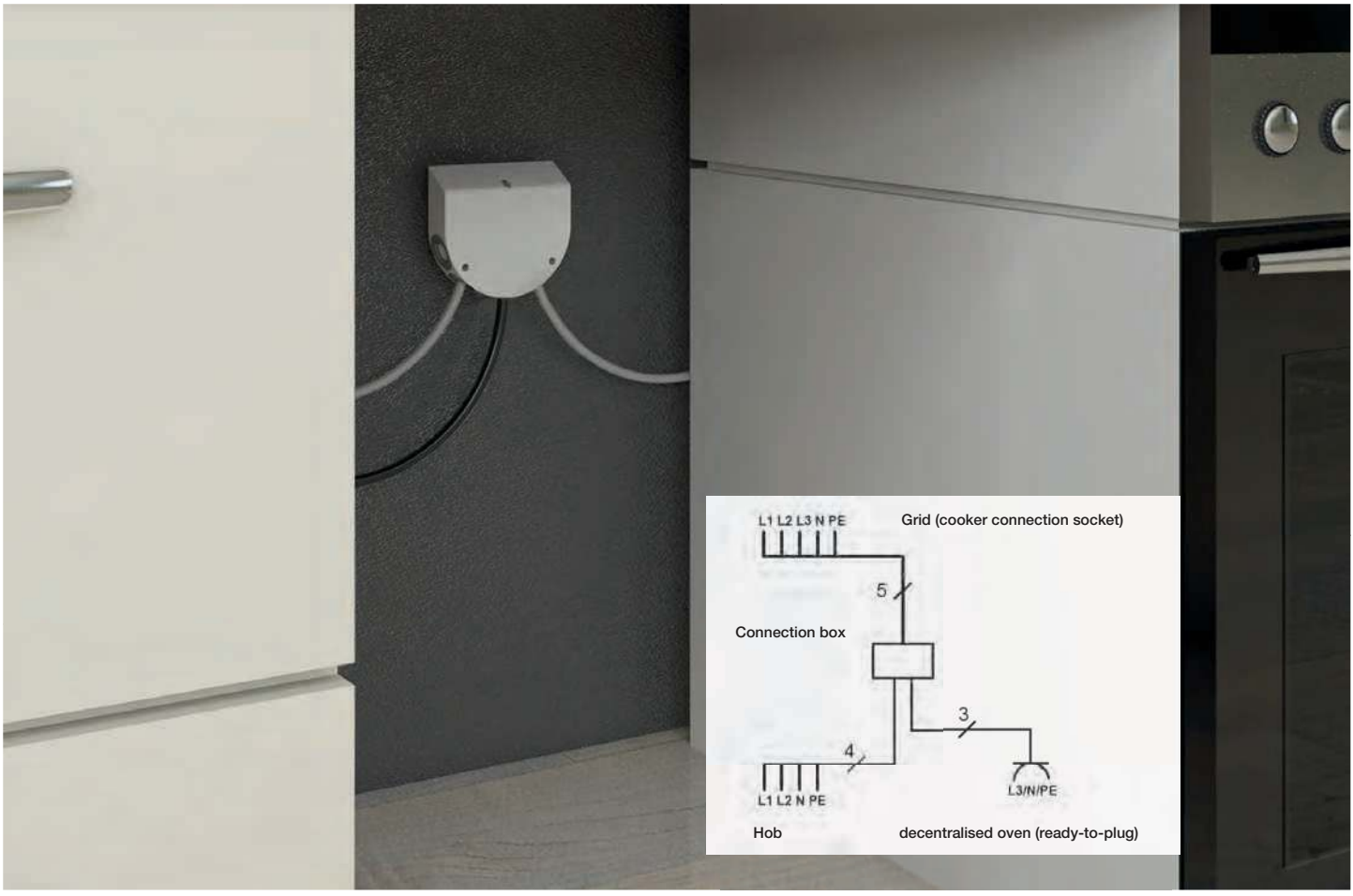
393.002

Spring-type 4-way cable reel with hinged lid

· IP44

#	
392.187	**15 m with automatic spring rewind** Cable: H07RN-F 3G 1.5 with earthing contact plug | 230 V~/16 A/max. 3500 W unwound and 1000 W wound | With thermal cut-out | With plastic hand grip | Plastic frame | Colour: blue

392.187



Kitchen connection box

BENEFITS

- **Saves costs as no need to fit additional sockets**
- **The existing cooker socket can still be used**
- **Rewirable WAGO® terminals**
- **Low mounting depth (approx. 34 mm)**
- **Can also be used in combination with an induction cooker**
- **Distributor box VDE-approved**

Kitchen connection box

· Grey, with screw-mounting eyes, connected load up to 11 kW (with ohmic load)
· H05VV-F 5G 2.50 mm² for cooker socket
· H05VV-F 4G 2.50 mm² for hob
· H05VV-F 3G 1.50 mm² with socket outlet with earthing contact for oven

#	
923.000	**Kitchen connection box 2 m** Cooker connection socket 2.0 m | Hob 2.0 m and oven 2.0 m
923.001	**Kitchen connection box 5 m** Cooker connection socket 2.0 m | Hob 5.0 m and oven 5.0 m
923.002	**Kitchen connection box 10 m** Cooker connection socket 2.0 m | Hob 10.0 m and oven 10.0 m

923.000

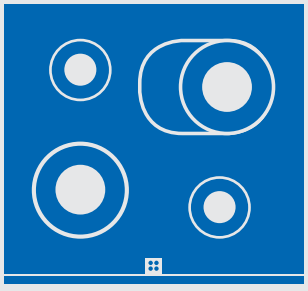
Pictograms and their meaning can be found on page 279.

Kitchen connection box

H05VV-F 4G
2.50 mm²

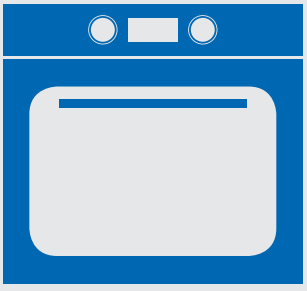
H05VV-F 5G
2.50 mm²

H05VV-F 3G
1.50 mm²
with socket outlet with
earthing contact



Hob

Cooker connection socket



Oven

Cooker and appliance connection sockets

Cooker connection socket, surface/flush mounting 16 A / 400 V~/3P+N+PE

· VDE-certified
· Duroplast version for surface or flush mounting (in flush-mounted device boxes)
· Quick and easy to connect due to spacious terminal area
· Clamping range: 0.75 – 2.5 mm²

#	
190.270	**White** | For 60 mm flush-mounted installation box | Height: 23 mm

190.270

Appliance connection box, flush mounting 16 A / 400 V~/3P+N+PE

· Thermoplastic version for flush mounting (in flush-mounted device boxes)
· Easy to mount with removable terminal block and snap-lock lid
· With screw terminal 5 x 2.50 mm² and strain relief

#	
190.271	**White** | For 60 mm flush-mounted installation box | Height: 14 mm

190.271

For suitable **HAL,** see from page 176.

Pictograms and their meaning can be found on page 279.

CEE distributor

· Highly unbreakable plastic version , splash-water-protected
· Ideal for mobile use out of doors
· With practical cable rewind and integral carrying handle
· 250 V~/400 V~ | IP44

#	
CEE distributor | 2.0 m supply cable H07RN-F5G 2.50 mm²	
349.008	Input: 1 x CEE plug 16 A/400 V~ Output: 2 x CEE socket 16 A/400 V~ 4 x socket outlets with earthing contact 16 A/230 V~
CEE distributor with protection | 4.0 m supply cable H07RN-F5G 2.50 mm²	
349.009	Input: 1 x CEE plug 32 A/400 V~ Output: 1 x CEE socket 32 A/400 V, 1 x CEE socket 16 A/400 V~ 4 x socket outlets with earthing contact 16 A/230 V~ Protection: 1 x C16 A circuit breaker, 3-pole 2 x C16 A circuit breaker, 1-pole
349.010	Input: 1 x CEE plug 32 A/400 V~ Output: 1 x CEE socket 32 A/400 V~ 1 x CEE socket 16 A/400 V~ 4 x socket outlets with earthing contact 16 A/230 V~ Protection: 1 x RCD 40 A/0.03 A/4-pole on all outputs 1 x C16 A circuit breaker, 3-pole 2 x C16 A circuit breaker, 1-pole
CEE distributor with protection | 2.0 m H07RN-F 5G 4.00 mm²	
349.011	Input: 1 x CEE plug 400 V~/32 A/5-pole Output: 2 x CEE sockets 400 V~/32 A/5-pole 2 x CEE sockets 400 V~/16 A/5-pole 4 x socket outlets with earthing contact 230 V~/16 A Protection: 1 x residual current device 40 A/30 mA, 4-pole 2 x C16 A circuit breaker, 1-pole 1 x C16 A circuit breaker, 3-pole Housing made of special shatter-proof plastic and carrying handle
CEE distributor made from solid rubber | 2.0 m supply cable H07RN-F5G 6.00 mm²	
349.020	Input: 1 x CEE plug 32 A/400 V~ Output: 1 x CEE socket 32 A/400 V~ 2 x CEE socket 16 A/400 V~ 3 x socket outlets with earthing contact 16 A/230 V~ Protection: 1 x C16 A circuit breaker, 3-pole 3 x C16 A circuit breaker, 1-pole 1 x RCD 40 A/0.03 A/4-pole on all outputs

349.008

349.011

349.020

Energy cubes

Energy cube

· Cable entry with screw fitting
· Offers high flexibility and greater freedom of movement, e.g. in workshops and assembly areas
· Practical multi-purpose hook and hanger
· Made of special shatter-proof plastic and wired ready-to-use

#	
4 x socket outlet with earthing contact | For cable diameter 3 x 1.5 mm² – 5 x 1.5 mm²	
349.300	4 x socket outlet with earthing contact 16 A / 230 V~
349.301	4 x socket outlet with earthing contact 16 A / 230 V~ | 1 x compressed air connection with ½" input and 2 x ½" output
1 x CEE, 4 x socket outlet with earthing contact | For cable diameter 5 x 1.5 mm² – 5 x 2.5 mm²	
349.302	1 x CEE socket 16 A / 400 V~, 5-pole | 4 x socket outlet with earthing contact 16 A / 230 V~
349.303	1 x CEE socket 16 A / 400 V~, 5-pole | 4 x socket outlet with earthing contact 16 A / 230 V~ | 1 x compressed air connection with ½" input and 2 x ½" output
2 x CEE, 2 x socket outlet with earthing contact | For cable diameter 5 x 1.5 mm² – 5 x 4 mm²	
349.304	2 x CEE socket 16 A / 400 V~, 5-pole | 2 x socket outlet with earthing contact 16 A / 230 V~

349.300

349.301

349.302

349.303

349.304

Energy cube with data connection

· IP44
· 1 x compressed air connection with 1/2" input
· 2 x 1/2" compressed air output
· 1 x IP67 data outlet with 2 x RJ45 Cat6 module
· Made of special shatter-proof plastic and wired ready-to-use

#	
349.310	4 x socket outlets with earthing contact 16 A / 230 V~ | 1 x CEE socket 16 A | Cable entry with screw fitting from 5G 1.5 mm² to 5G 2.5 mm²
349.311	2 x socket outlets with earthing contact 16 A / 230 V~ | 2 x CEE socket 16 A | Cable entry with screw fitting from 5G 2.5 mm² to 5G 4.0 mm² | Protection: 1 x C16 A circuit breaker, 3-pole

349.311

CEE adapter with MCB

· IP44
· Rubberised housing

#	
349.013	Adapter CEE 400 V~ | Input: 1 CEE plug 32 A | Output: 1 CEE socket 16 A |

349.013

CEE wall combination socket

· IP44
· 400 V~/6 h/5-pole
· Polycarbonate version with cable kink protection, splash-proof

#	
910.002	Red | 16 A | 1 x CEE flush-mounted installation box 400 V~ | 1 x socket outlet with earthing contact 230 V~

910.002

Pictograms and their meaning can be found on page 279.

Mounting plugs/ mounting couplings

SMART PLUG

· With lever and/or ejection mechanism
· Components VDE-approved

#	
Mounting plug – rewirable | Without a cable	
933.008	Black
933.009	White
Coupling with earthing contact | With 3.0 m H05VV-F 3G 1.5	
933.010	Black
933.011	White
Coupling with earthing contact | With 1.5 m H05VV-F 3G 1.5	
933.012	Black
933.013	White
3-way multiple socket strip | With 1.6 m H05VV-F 3G 1.5	
933.014	Black
933.015	White

927.008
927.009

933.012
933.013

933.014
933.015

FLAT PLUG

· Without lever and/or ejection mechanism
· Components VDE-approved

#	
Mounting plug – rewirable | Without a cable	
933.001	Black
933.002	White
Ferrules | With 1.5 m H05VV-F 3G 1.5 | 10 cm stripped	
933.003	Black
933.004	White
Coupling with earthing contact | With 1.5 m H05VV-F 3G 1.5	
933.005	Black
933.006	White
3-way multiple socket strip | With 1.6 m H05VV-F 3G 1.5	
933.007	White

927.001
927.002

933.003
933.004

933.005
933.006

933.007

Pictograms and their meaning can be found on page 279.

Solid rubber plug 16 A/250 V~ | Black

#	
Plug	
913.173	IP44, DIN 49441-2-AR1 | For mounting on cables up to H07RN-F 3G 2.50 mm² | Solid rubber insert with earthing contact | Standardised snap latch and kink protection | Screws and terminal blocks on side | Temperature range -40 °C to 70 °C
Right-angled plug	
919.171	IP44, DIN 49441-2-AR1 | For mounting on cables up to H07RN-F 3G 2.50 mm² | Robust industrial version with solid rubber insert with earthing contact | Standardised snap latch | Surface clamps and metal strain relief | Screws and terminal blocks on side | Temperature range -40 °C to 70 °C
919.178	With dual earthing contact system | IP44, DIN 49441-2-AR1 | For mounting on cables up to H07RN-F 3G 2.50 mm² | Robust industrial version with solid rubber insert with earthing contact | Standardised snap latch | Surface clamps and metal strain relief | Screws and terminal blocks on side | Temperature range -40 °C to 70 °C
Contour plug, 2-pole	
919.179	For mounting on cables up to H07RN-F 2 x 2.50 mm², without earthing contact | Snap latch; may only be supplied to end user pre-wired

913.173

919.171

919.178

919.179

Solid rubber couplings 16 A/250 V~ | Black

- DIN 49440-2-D-AR1nik
- For mounting on cables up to H07RN-F 3G 2.50 mm²
- Temperature range -40 °C to 70 °C

#	
Coupling	
913.175	Solid rubber insert with earthing contact and screws to side | Robust industrial version with surface clamps and standardised snap latch
919.177	IP44 | Thermoplastic insert with earthing contact and screws to side and lid | Robust industrial version with surface clamps and standardised snap latch
3-way coupling	
913.170	IP44 | Solid rubber insert with earthing contact | Robust industrial version with hinged lid and hanger, standardised snap latch and kink protection | Screws and terminal blocks on side | For permanent outdoor use and on construction sites

913.175

919.177

913.170

Cord intermediate switch 16 A/250 V~ | Black

#	
923.174	IP44 | 2-pole switching | For round cable up to H07RN-F 3G 2.50 mm²

923.174

May only be supplied to end user pre-wired | Only to be wired by qualified technicians

Pictograms and their meaning can be found on page 279.

Rubber plugs and couplings 16 A/250 V~ | Black

· For mounting on cables up to H07RN-F 3G 2.50 mm²

#	
Plug | IP44	
913.171	DIN 49441 | Thermoplastic insert with dual earthing | Also suitable for France and Belgium | Rotatable strain relief for different cable cross-sections
913.172	DIN 49441-2-AR1 | Shatter-proof thermoplastic insert with earthing contact | Standardised snap latch and kink protection | Screws and terminal blocks on side | Temperature range -40 °C to 70 °C
Coupling | Thermoplastic insert with earthing contact and strain relief	
913.174	DIN 49440
919.176	IP44, DIN 49440 | With lid

913.171

913.172

913.174

919.176

Earthing contact plug 16 A/250 V~

#	
Central plug DIN 49441 | Small, shatter-proof version made from plastic, with strain relief | H05VV-F 3G 1.0 mm²	
910.170	Black
910.270	White
910.470	Brown
Central plug DIN 49441 | Large, shatter-proof version made from plastic, with strain relief | H05VV-F 3G 1.0 mm²	
910.971	Grey
Right-angled plug | Small, shatter-proof version made from plastic, with lateral earthing contact | H05VV-F 3G 1.5 mm²	
911.172	Black
911.272	White
Flat plug/angled | Shatter-proof design, with side entry | H05VV-F 3G 1.50 mm²	
911.170	Black
911.270	White
911.470	Brown
Right-angled plug with switch | Shatter-proof version made from plastic, with 2-pole rocker switch | H05VV-F 3G 1.50 mm²	
911.171	Black
911.271	White
Right-angled plug with control switch | Shatter-proof version made from plastic, with 2-pole illuminated rocker switch | H05VV-F 3G 1.50 mm²	
911.273	White
Mounting plug | Small, shatter-proof version with separate strain relief, no parts that can be lost | H05VV-F 3G 0.75/1.0/1.5 mm² | With dual earthing contact system and nickel-plated contacts, e.g. Germany and France	
910.100	Black
910.200	White

910.270

910.971

911.272

911.270

911.271

911.273

910.200

Earthing contact couplings 16 A/250 V~

#	
Small, shatter-proof version made from plastic | H05VV-F 3G 1.5 mm²	
912.170	Black
912.270	White
912.470	Brown
Large, shatter-proof version made from plastic, with protective rubber sleeve | H05VV-F 3G 1.5 mm²	
912.971	Grey

912.270

912.971

Euro plugs and couplings 2.5 A/250 V~

· Plastic version
· Packed version: contains 3 items in plastic bag – only supplied in packaging unit of 3
· For flat cables up to H05VV-F 2 x 0.75 mm²

#	
Plug	
900.010	Black | With screw terminal, packed, 3 items in each bag
900.002	Black | With screw terminal, unpacked
900.011	White | With screw terminal, packed, 3 items in each bag
900.003	White | With screw terminal, unpacked
Coupling	
900.012	Black | With screw terminal, packed, 3 items in each bag
900.004	Black | With screw terminal, unpacked
900.013	White | With screw terminal, packed, 3 items in each bag
900.005	White | With screw terminal, unpacked

900.002

900.003

900.004

900.005

Safety connector perilex plug 16 A/250 V~

· Side entry, 5-pole + E + O to VDE 0100/5.73
· Waterproof IP20
· IP54

#	
349.203	White

349.203

May only be supplied to end user pre-wired | Only to be wired by qualified technicians

 Pictograms and their meaning can be found on page 279.

International solid rubber plug and coupling 16 A/250 V~ | Black

· Up to max. H07RN-F 3G 2.5 mm²
· Belgian/French system
· IP44, thermoplastic and solid rubber version, with snap latch

#	
Plug	
913.169	With dual earthing contact | With side fitting, socket and surface clamps
Coupling	
919.169	With snap latch and protection against contact | With thermoplastic lid

913.169

919.169

International earthing contact plugs

#	
Switzerland CH, 10 A/250 V~ | Cables up to 3G 1.00 mm² | Thermoplastic version | With strain relief	
910.175	T12 plug, black
910.275	T12 plug, white
UK, 13 A/250 V~ | Cables up to 3G 1.50 mm² | Plastic version | Integral 13 A micro fuse | With strain relief	
910.176	Black
910.276	White
USA, 15 A/125 V~ | 3-pole Nema 5-15P | Non-polarised | Thermoplastic version	
910.179	Black
USA | 2-pole | Non-polarised, duroplast	
910.178	Black
Italy, 10 A/250 V~ | 3-pole | Thermoplastic version	
910.174	Black
Australia, 10 A/250 V~ | 3-pole | With insulated pins and sleeve	
910.182	Black
910.282	White

910.275

910.176

910.276

910.179

910.178

910.174

910.282

International couplings with earthing contacts

#	
Switzerland CH, 10 A/250 V~ (T13)	
912.174*	Black
912.274	White
UK, 13 A/250 V~ | With function display | Thermoplastic version	
910.177*	Black
910.277*	White
UTE/Belgium/France 16 A/250 V~ with earthing pin | With protective rubber sleeve | Thermoplastic version	
912.173	Black
912.273	White

912.174

912.177

912.173

* No storage type

Pictograms and their meaning can be found on page 279.

Non-heating devices/ heating devices

Non-heating device plugs and sockets 10 A/250 V~ | 70 °C | 2-pole with earthing contact

#	
Non-heating device plug with earthing contact | C14 | For cables up to 3G 1.00 mm², thermoplastic version | Screw terminal, protective rubber sleeve and strain relief	
915.171	Black
915.271	White
915.971	Grey, similar to RAL7035
Non-heating device right-angled plug with earthing contact | C14 | For cables up to 3G 1.00 mm², thermoplastic version | Screw terminal, protective rubber sleeve and strain relief, cable exit to right	
915.172	Black
Non-heating device socket with earthing contact | C13 | For cables up to 3G 1.00 mm², thermoplastic version | Screw terminal, protective rubber sleeve and strain relief	
915.170	Black
915.270	White
915.970	Grey, similar to RAL7035
Non-heating device right-angled socket with earthing contact | C13 | For cables up to 3G 1.00 mm², thermoplastic version | Screw terminal, protective rubber sleeve and strain relief, cable exit to right	
915.173	Black
915.973	Grey, similar to RAL7035
Non-heating device built-in plug | C14 | E | Thermoplastic version with screw terminal	
917.170	Black
Non-heating device built-in socket | C13 | F | Thermoplastic version with screw terminal	
917.171	Black

915.271

915.270

915.973

917.170

917.171

Non-heating device plugs and sockets 16 A/250 V~ | 70 °C 2-pole with earthing contact

#	
Non-heating device plug | C20 | Thermoplastic version | With protective rubber sleeve, for cable mounting	
915.175	Black
Non-heating device socket | C19 | For cables up to 3G 1.50 mm² | Thermoplastic version | Protective rubber sleeve for cable mounting	
915.174	Black
Non-heating device built-in plug | C20 | Thermoplastic version	
917.173	Black
Non-heating device built-in socket | C19 | J | Thermoplastic version	
917.172	Black

915.175

915.174

915.173

915.172

 Pictograms and their meaning can be found on page 279.

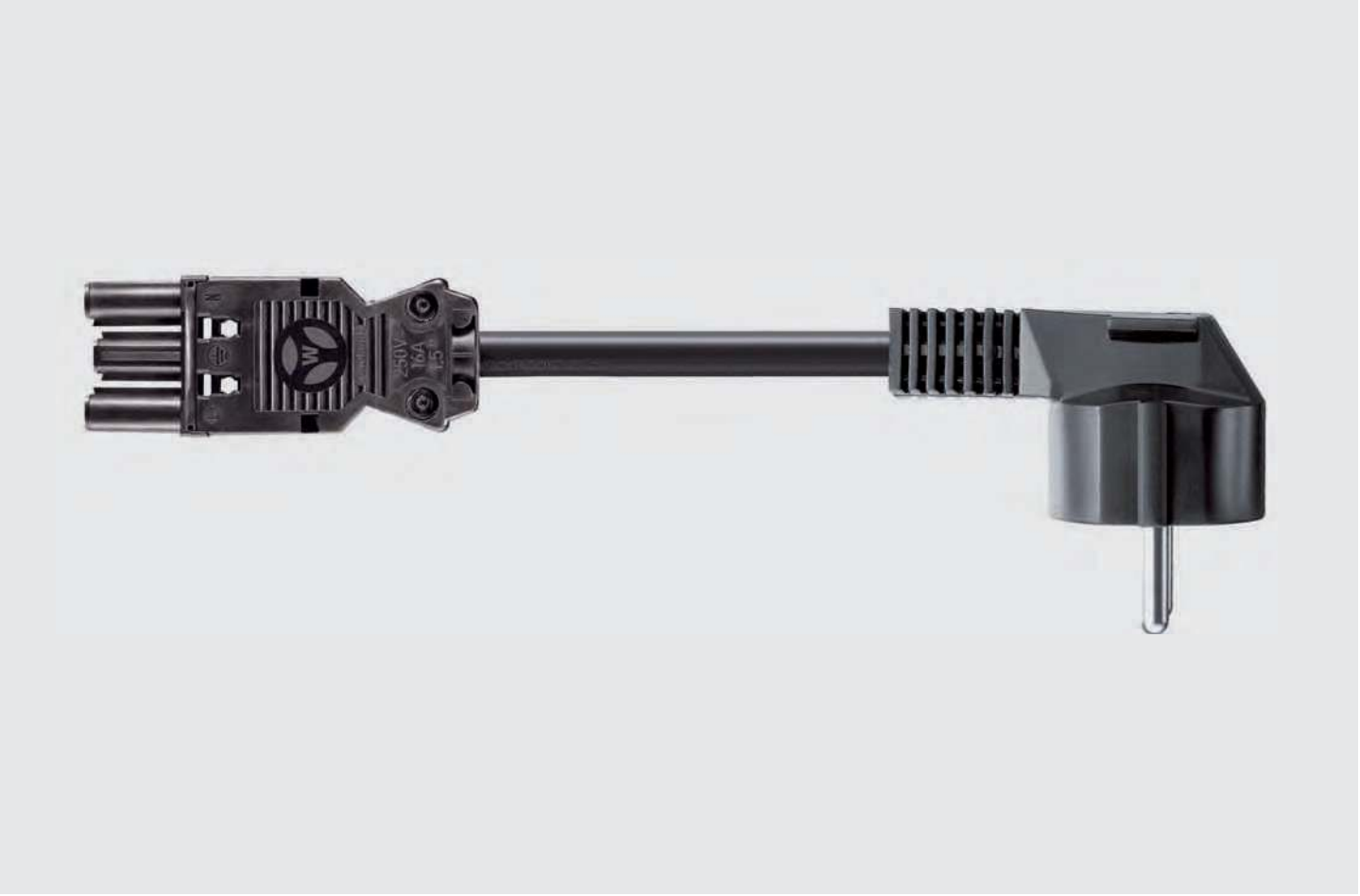
Heating device plugs and sockets | 2-pole with earthing contact

#	
Heating device built-in plug | C16A | E | 10A/250V~ | 155 °C | Thermoplastic version with screw terminal	
918.170	Black
Heating device built-in socket | C15A | 10A/250V~ | 155 °C | For cables up to 3G 1.00mm² | Thermoplastic version | Screw terminal, protective rubber sleeve and strain relief	
916.170	Black
916.970	Grey (similar to RAL7035)
Heating device built-in socket | C21 | 16A/250V~ | 155 °C | Protective rubber sleeve, for cable mounting	
918.171	Black

918.170

916.170

918.171



Wieland installation connection system

Cables fitted with the Wieland GST18 connection system are available to connect Facility products to the mains power supply. The benefits of these cables and their plug connectors, which are used all over the world, are flexibility in terms of length, the possibility of interchanging them should length requirements change, and availability for a variety of countries. Even extending the power supply to other power strips presents no problem and can usually be done without tools.

wieland

Pictograms and their meaning can be found on page 279.

Screw terminal

· Ready for mounting, with strain relief
· For cross section 0.75 – 2.5 mm², solid and flexible wires can be connected without ferrules
· For cable diameters 6.5 – 10.5 mm (H05VV, NYM)

#	
Device plug, GST18i3	
375.504	Black | Wieland 92.932.3053.1
375.517	White | Wieland 92.932.3052.0
Device coupling, GST18i3	
375.505	Black | Wieland 92.931.3053.1
375.514	White | Wieland 92.931.3053.0

375.504

375.505

Spring-loaded terminal

· Ready for mounting, with strain relief
· For rigid cables 1.5 – 2.5 mm² or flexible cables 1.5 mm² with ferrules
· 2 connections per pole, not mounted, for cables H05VV, NYM (diameter 7.8 – 10.3 mm)

#	
Device plug, GST18i3	
940.073	Bright red | Wieland 92.934.0553.0
940.074	Pebble grey | Wieland 92.934.0153.0
Device coupling, GST18i3	
940.070	Bright red | Wieland 92.933.0553.0
940.071	Pebble grey | Wieland 92.933.0153.0

940.073

940.070

Spring-loaded snap-in

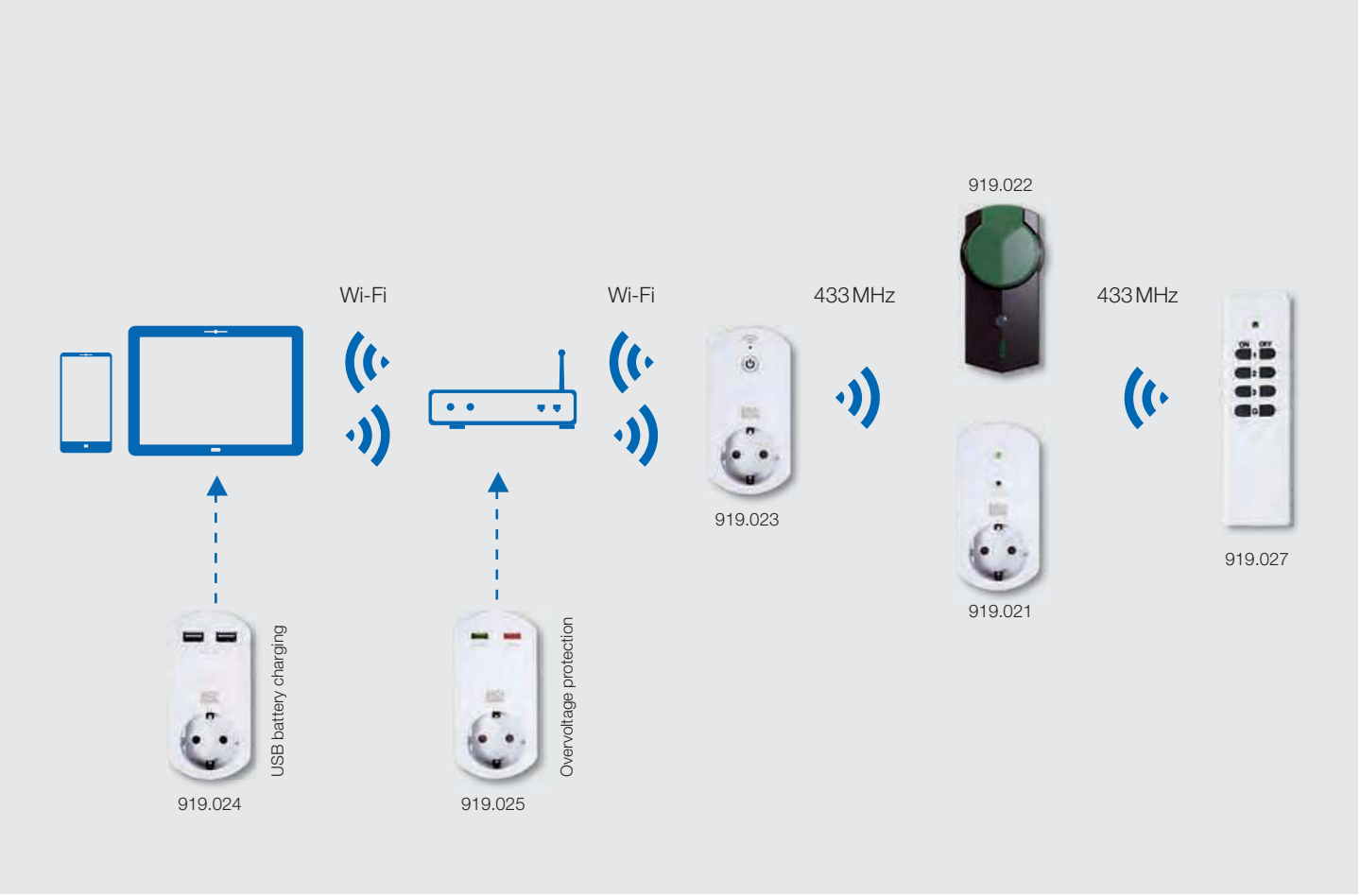
· With interlock
· Flexible cables 0.5 – 1.5 mm² with ferrules
· Rigid cables 0.5 – 2.5 mm²

#	
Built-in plug, GST18i3	
375.506	Black | Wieland 92.032.9658.1
Built-in coupling, GST18i3	
375.507	Black | Wieland 92.031.9658.1

375.506

375.507

For suitable **Wieland cables,** see page 183.



SMART Adapter

The new SMART Adapter series offers convenience and safety in response to your demand for intelligent living – all packed into a timeless, modern design. The SMART Adapters offer greater security for your entertainment electronics and allow electrical consumers to be easily and remotely switched using a smartphone or remote control – and end devices to be charged with USB standard.

Our SMART Adapters with integrated radio remote switches can either be easily put into operation in a Wi-Fi network with a smartphone or tablet app, or by using the remote control option which is also available. Both solutions then allow you the convenience of switching your devices remotely. Wi-Fi SMART Adapters can also be linked with the 433 MHz Radio SMART Adapters. Devices which need to be charged using a USB cable, can be charged with a current of up to 3.4 A without sacrificing a socket outlet (1.7 A per port). The overvoltage protection adapter protects electronic devices using state-of-the-art technology.

BENEFITS

- **Easy to set up and operate**
- **Added safety due to overvoltage protection**
- **USB charger with 3.4 A total charging current**
- **Great convenience and flexibility**
- **Compatible of 433 MHz radio and 2.4 GHz Wi-Fi**
- **Save energy by preventing electronic equipment running unnecessarily in standby mode**

 Pictograms and their meaning can be found on page 279.

SMART Adapter

#	
Wi-Fi | Adapter plug with integrated Wi-Fi radio remote switch, IP20	
919.023	1 x earthing contact plug on socket outlet with earthing contact (type F/E CEE 7/7 on 7/3) | Switching capacity max. 10 A / 230 V~, single-pole switching with indicator LED, manually switchable | Wi-Fi 2.4 GHz, IEEE 802.11 b/g/n, two-directional, functional range within the Wi-Fi network | Switchable using mobile app for iOS and Android | Additional gateway for Radio SMART Adapter
Radio 433 MHz | Adapter plug with integrated radio remote switch, IP20	
919.021	1 x earthing contact plug on socket outlet with earthing contact (type F/E CEE 7/7 on 7/3) | Switching capacity max. 10 A / 230 V~, single-pole switching with indicator LED, manually switchable | 433.92 MHz, unidirectional, radio range 30 m outdoors | Switchable using remote control 919.027 | Switchable using mobile app for iOS and Android
Radio 433 MHz | Outdoor | Adapter plug with integrated radio remote switch, IP44	
919.022	1 x earthing contact plug on socket outlet with earthing contact (type F/E CEE 7/7 on 7/3) | Switching capacity max. 10 A / 230 V~, single-pole switching with indicator LED, manually switchable | 433.92 MHz, unidirectional, radio range 30 m outdoors | Switchable using remote control 919.027 | Switchable using mobile app for iOS and Android
USB | Adapter plug with integrated 2-way USB charger, IP20	
919.024	1 x earthing contact plug on socket outlet with earthing contact (type F/E CEE 7/7 on 7/3) | Total charging current for USB charger: max. 3.4 A / 5 V~ (1.7 A per port)
Overvoltage protection | Adapter plug with integrated overvoltage protection, 16 A / 230 V~, IP20	
919.025	1 x earthing contact plug on socket outlet with earthing contact (type F/E CEE 7/4 on 7/3) | With function and mains voltage LED | SPD type 3 as per EN 61643-11:2011/IEC 61643-1:2011 | Up: L-N: 2.0 kV; L/N-PE: 1.5 kV, Uoc 6 kV, UC 255 VAC, IL 16 A, Ip 6.5 kA, Isc 1.5 kA, Ta < 25 ns

919.023

919.021

919.022

919.024

919.025

919.027

Accessories

#	
Radio remote control for Radio SMART Adapters | For remotely controlling Radio SMART products | White	
919.027	Operated with replaceable battery CR2032/3 V | 433.92 MHz, unidirectional, radio range 30 m free field | 3 channels ON/OFF with 1 x Radio SMART Adapter or SMART power strip 381.800 (see p. 30) with radio remote switch

Timer switches

Mechanical timer switches

· 24 h, 16 A / 230 V~/3680 W
· Plastic version with shutter
· Easy to use

#	
Timer switch	
852.101	White | 121 x 74 x 76 mm (L x W x H) | Smallest possible switching interval: 15 minutes | 96 switch-on and switch-off times possible per day (24 h)
IP44 timer switch	
852.107	Splash-proof | 129 x 59 x 86 mm (L x W x H) | With transparent hinged lid | Suitable for use in damp environments | Operating temperature range: -25 °C to +55 °C | Smallest possible switching interval: 30 minutes | 48 switch-on and switch-off times possible per day (24 h)
Mini timer switch	
852.104	White | 103 x 54 x 70 mm (L x W x H) | Smallest possible switching interval: 30 minutes | 48 switch-on and switch-off times possible per day (24 h) | Switch to override timer function

852.101

852.107

852.104

Digital timer switch

· 24 h, 16 A / 230 V~/3680 W
· Plastic version with LCD display, with shutter
· Easy to use
· Integrated, rechargeable battery

#	
852.103	White | 120 x 64 x 76 mm (L x W x H) | Smallest possible switching interval: 1 minute | Programmable by the day or by the week | Built-in random generator | Countdown function | Resettable

852.103

 Pictograms and their meaning can be found on page 279.

Energy measuring instruments

Energy measuring instrument, 160 – 250 V~

#	
852.9821	White | Energy-efficient | Large LC display with blue background light | Digital display of electricity consumption, energy costs etc. (can be programmed with 2 separate tariffs), voltage (V), current (A), effective power (W) | Meter for power and cost, can be reset | Nominal power 3860 W, internal consumption <1 W

852.9821

Travel adapter

Travel plugs, 3-pole

· Socket side: socket outlet with earthing contact
· Plug colour: white

#	
Nema	
921.004	15 A / 125 V~ | Plug pin side: USA
UTE	
921.005	10/16 A / 250 V~ | Plug pin side: France, Belgium, Czech Republic, Poland
UK	
921.010	13 A / 250 V~ | Plug pin side: UK, Ireland, Malta, Hong Kong, Cyprus | Integral 13 A micro fuse, changeable
900.1077	13 A / 250 V~ | Replacement fuse/13 A micro fuse, 3.3 x 254 mm (agile fuse)
T12	
921.011	10 A / 250 V~ | Plug pin side: Switzerland

921.004

921.005

921.010

921.011

Adapters are not voltage transformers. They are not suitable for long-term use.

Adapters for the earthing contact system

· Plug pin side: socket outlet with earthing contact

#	
Travel plug 10/16A/250V~	
921.000	2-pole and 3-pole | Grey | Plug pin side: earthing contact, Germany, France, Belgium, with dual earthing contact system | Socket side: universal, suitable for all standard plugs | Worldwide, with shutter
Travel plug 15A/125V~	
921.003	3-pole | White | Plug pin side: earthing contact, Germany, France, Belgium, with dual earthing contact system | Socket side: USA
Travel plug 10A/250V~	
921.012	3-pole | White | Plug pin side: earthing contact Germany | Socket side: T12 (Switzerland)

921.000

921.003

Travel plug adapters

· Earthing contact system adapter, storage bag and interchangeable country adapters

#	
Multicoloured | 16A/250V~ | Protection class 1	
914.670	Red: Liechtenstein, Switzerland | Green: Chile, Greece, Italy | Blue: Africa, Asia, Commonwealth countries, UK, Ireland, Middle East | Black: CIS, Japan, Canada, Central and South America, South and East Asia, USA | Yellow: Australia, New Zealand and parts of China
Black | 3-pole	
914.672	The only travel plug approved by KEMA | Suitable for: Italy, UK, Ireland, Africa, Asia USA, Canada, Japan, Switzerland, Liechtenstein, China, Australia, New Zealand

914.670

914.672

Thermostat adapter

Thermostat adapter 16A/230V~/50Hz/3680W (9A/2070W)

· Temperature-controlled socket

#	
Series 8141 power socket Thermo	
924.1740	Built-in thermostat | Temperature can be set between 5 °C–30 °C | Manually adjustable temperature controller and changeover switch for hot/cold | LED display for operating states

924.1740

Adapters are not voltage transformers. They are not suitable for long-term use.

Pictograms and their meaning can be found on page 279.

Personal protection

PRCD-S extension cable

· With protective conductor monitoring
· 16 A / 230 V~, 30 mA, IP44
· Cable lengths: plug – PRCD-S: 0.15 m, PRCD-S – coupling: 3.0 m
· Portable PRCD-S protective device fitted with H07RN-F 3G 1.5 mm² cable
· Packed in a robust case
· Black

#	
Solid rubber coupling, 1-way	
919.014	End 1: Solid rubber right-angled plug with 2 earthing contact systems End 2: Solid rubber coupling with lid
Solid rubber coupling, 3-way	
919.015	End 1: Solid rubber right-angled plug with 2 earthing contact systems End 2: Solid rubber coupling, 3-way with lid

919.014

919.015

Extension cable with earthing contact with PRCD 919.189

· Without protective conductor monitoring
· 16 A / 250 V~ / 3600 W, IP55
· 3.0 m HO7BQ-F3G 1.5 mm², with PRCD 919.189 personal circuit breaker fitted at approx. 1.5 m
· Individually packed in plastic bag

#	
Black / orange	
341.880	End 1: Mounting plug 913.173 End 2: Mounting coupling 919.177

341.880

PRCD intermediate device

· With protective conductor monitoring
· 230 V~, 16 A, 30 mA, IP55
· For cable cross section 1 mm² – 2.5 mm²
· Differential current protection device
· Specially designed as a protective distributor for small construction sites as recommended by the BGFE employers' liability association, Cologne (ZH1/271) and for all portable electrical equipment.
· Can be used irrespective of connector system
· Undervoltage tripping
· Offers protection as specified by DIN VDE 0661 in the event of a fault in the connected equipment. Fault currents arising from faulty consumers will cause the PRCD-S to interrupt all poles
· For system faults in the fixed installation. The PRCD-S detects all faults in the fixed installation and cannot then be switched on.
· Black

#	
PRCD-S	
919.016	Test marks by BG (German employers' liability association), Cologne SEV, VDE, GS | Conforms to DGUV-I 203-006
PRCD-K	
919.018	Test marks by VDE, TÜV, GS | Conforms to DGUV-I 203-006

919.016

919.018

PRCD intermediate device

· Without protective conductor monitoring
· 16 A / 250 V~/3600 W, IP55
· 2-phase, 2-pole interrupt (L, N) with undervoltage tripping
· Tested in accordance with: T+V GS/KEMA: EN 61008-1-1994+A2+A11, EN 61008-2-1/08.94, IEC 884-1/A1/12.94, IEC 884-1/06.94
· In accordance with the IEC standard, the protective conductor (PE) conductor is not interrupted

#	
Black	
919.190	Tripping current < 10 mA | Tripping time < 30 ms
919.189	Tripping current < 30 mA | Tripping time < 30 ms

919.190

PRCD ADAPTER

· Without protective conductor monitoring
· 16 A / 250 V~ / 50 Hz / 3680 W, IP44
· 2-pole interrupt (L, N) with undervoltage tripping; tripping current < 30 mA, tripping time < 30 ms
· Tested in accordance with: EN 61008-1:1994+A2+A11, EN 61008-2-1/08.94 IEC 884-1/A1/12.94

#	
PRCD adapter	
919.284	White | Plug with PRCD with hinged lid
PRCD mounting plug	
919.183	Black | Plug with PRCD | Suitable for up to H05RNF-F3 1.5 mm² rubber cable

919.284

919.183

 Pictograms and their meaning can be found on page 279.

CEE adapters

CEE adapter, 400 V~, IP44

· Highly shatter-proof special plastic version, splash-proof
· For outdoor use, hanger included

#	
349.012	Input: 1 x CEE plug 16 A / 400 V~ Output: 1 x CEE socket 32 A / 400 V~
349.006	Input: 1 x CEE plug 16 A / 400 V~ Output: 1 x CEE socket 16 A / 400 V~ 1 x CEE socket 32 A / 400 V~ 2 x socket outlet with earthing contact 230 V~
349.028	Input: 1 x CEE plug 16 A / 400 V~ Output: 3 x socket outlet with earthing contact 16 A / 230 V~
349.029	Input: 1 x CEE plug 16 A / 400 V~ Output: 1 x CEE socket 16 A / 400 V~
Protection: 3 x 10 A fuse	
349.183	Input: 1 x CEE plug 32 A / 400 V~ Output: 1 x CEE socket 16 A / 400 V~
349.007	Input: 1 x CEE plug 32 A / 400 V~ Output: 1 x CEE socket 16 A / 400 V~ 1 x CEE socket 32 A / 400 V~ 1 x socket outlet with earthing contact 230 V~
CEE adapter with 1.5 m supply cable: H07RN-F5G 1.5 mm² | Screwed | Rewirable	
349.027	Input: 1 x CEE plug 16 A / 400 V~ Output: 3 x socket outlet with earthing contact 230 V~
349.035	Input: 1 x CEE plug 16 A / 400 V~ Output: 3 x CEE socket 16 A / 400 V~

349.012

349.006

349.028

349.029

349.183

349.007

349.027

349.035

349.017

349.018

Start inrush current limiter

#	
230 V~ | 1-phase | IP44	
349.017	Input: 1.5 m cable H07RN-F 3G 1.5 with earthing contact plug, black Output: 1 x socket outlet with earthing contact 230 V~/16 A, 3-pole Suitable for MCB 16 A characteristic B, C
400 V~ | 3-phase	
349.018	Input: 1.5 m cable H07RN-F 5G 1.5; with CEE plug 400 V~/16 A 5-pole Output: 1 x CEE socket 400 V~/16 A, 5-pole Suitable for MCB 16 A characteristic C, D

Spare parts: Fuse socket for CEE adapter 900.1086 | Fuse holder for CEE adapter 900.1061 | Micro fuse

Connection panels

Integrated units

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CASIA 120

Floor units

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Cable management 130
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VENID

As part of a modern work and conference environment, the desk connection panel VENID offers both exceptional design and high functionality. The original desktop material can be integrated quickly and easily in the mounting frame, so the desktop and connection panel form a harmonious unit.

Perfectly integrated into the surface, VENID not only looks elegant but also offers a practical benefit: used cables can be stowed away conveniently in the tray. The cover, which can be folded open in either direction, is easy to operate and leaves space for the cables to be routed at the sides. Two power strips can be integrated into the VENID tray and equipped individually. The mounting frame and tray are available separately, so existing cable duct systems can also be used without a problem.

BENEFITS

- **Harmonious surface thanks to visually smooth integration**
- **Can be operated from either side**
- **Practical benefit of optional cable storage**
- **Flexible equipment options for PDU**

Tray dimensions (W x H x D): 334 x 173 x 79 mm
Mounting frame dimensions (W x H x D): 351 x 180 x 47 mm
Material: Mounting frame: plastic, anodised aluminium
Tray: steel sheet
Mounting depth of frame without mounting clips: 45 mm
Mounting depth of frame with tray and power strip: 155 mm

Socket colour: black
Colour variants:
Thickness of tabletop: 14 – 25 mm

Pictograms and their meaning can be found on page 279.

VENID

#	
935.000	**VENID mounting frame** Black aluminium (anodised, E6/EV6) | With slot to clip in the VENID tray | Lid can be opened on both sides with end stop | The cut-out part of the original desktop is fitted in the inner frame | Max. tabletop thickness up to 14-25 mm
935.100	**VENID tray** (optional) Steel sheet, black, powder-coated | Clips into VENID mounting frame | Slot for two power strips

935.000

935.100

VENID power strips

Medium | Anodised aluminium profile | Power input: 0.2 m cable and GST18 plug | Incl. mounting bracket | Width 229 mm

#								C
936.007	2					35°		2
936.008		2				35°		2
936.009	3					35°		1
936.010		3				35°		1
936.015			3			0°		1
936.012					2	35°		1
936.011				2		45°		1
936.003	1					35°	●	2
936.004		1				35°	●	2
936.013			1			0°	●	2
936.001	2					35°	●	1
936.002		2				35°	●	1
936.014			2			0°	●	
936.006					1	35°	●	1
936.005				1		45°	●	1

936.007

936.015

936.004

936.005

For suitable **device supply cables,** see from page 182.

C For suitable **Custom Modules,** see from page 140.

CONFERENCE

CONFERENCE is a truly refined and discreet solution for individual access to power and data connections. For use in living and work environments, on conference and training desks or high-grade workstations, for example.

When not in use, CONFERENCE integrated in the top of the furniture. When you need power or data, simply press with your finger to release the magnetic catch. The opening flap then swings up. Once you have connected your notebook, projector, microphone etc., you can close the flap again. The opposite narrow closing flap adapts to the inserted cables – nothing is squashed and the table stays looking as elegant as before.

BENEFITS

- **Integrated into the top of the furniture**
- **Simply press with your finger to open**
- **Flap can be closed with cables plugged in**
- **Complete power strip can be quickly changed**
- **Suitable for veneer finishing**

Mounting depth with frame: 110 mm
Mounting depth without frame: 107 mm
Thickness of tabletop: 11 – 44 mm

Material: steel sheet

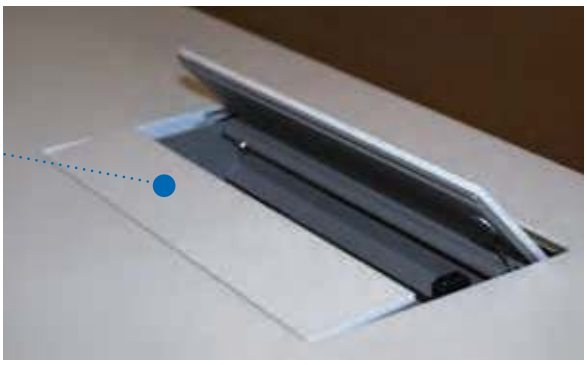
Colour variants:

Pictograms and their meaning can be found on page 279.

Frameless

CONFERENCE without a frame is fitted from the underside of the tabletop. Therefore, only the pivoting flaps are visible on the tabletop.

If necessary, the flaps can be customised to match the finish of your tabletop by applying a suitable veneer of up to 2 mm (this is not done ex works).



The power strip clicks into the mounting frame (no tools are required).

CONFERENCE with frame

#	
X-large | Dimensions (W x H): 467 x 183 mm	
338.0212	Chrome effect finish (powder-coated)
338.0221	Grey metallic (powder-coated, similar to RAL9006)
338.0200	Moonstone metallic (powder-coated)
Medium | Dimensions (W x H): 285 x 183 mm	
338.0210	Chrome effect finish (powder-coated)
338.0219	Grey metallic (powder-coated, similar to RAL9006)
338.0201	Moonstone metallic (powder-coated)

338.0212

338.0221

338.0201

CONFERENCE without frame

#	
X-large | Dimensions (W x H): 443 x 119 mm	
338.0230	Grey metallic (powder-coated, similar to RAL9006)
Medium | Dimensions (W x H): 262 x 119 mm	
338.0231	Grey metallic (powder-coated, similar to RAL9006)

338.0230

338.0231

For suitable **power strips,** see from page 72.

TOP FRAME

TOP FRAME is the new power and data supply solution for living and work environments, such as conference facilities. The cover can be completely recessed, allowing power and data to be accessed from various sides conveniently. The balanced geometry of TOP FRAME fits elegantly into the top of the furniture, so tables can even be fitted with high-quality veneers.

TOP FRAME is also elegantly simple to open: press down with your finger to simply and silently open TOP FRAME and close it again.

BENEFITS

- **Access to power supply and data from any side**
- **Silent opening**
- **Integrated into the top of the furniture**
- **Can be installed flush with the top of the furniture**
- **Version with surrounding frame suitable for subsequent assembly**

Mounting depth without frame:
98 mm (110 mm incl. power strip)
Mounting depth with frame:
96 mm (108 mm incl. power strip)
Thickness of tabletop: 12 – 40 mm

Material: Housing: steel sheet
Lid: aluminium

Colour variants:

Pictograms and their meaning can be found on page 279.

TOP FRAME without frame

#	
Base | Black housing (powder-coated)	
925.101	X-large | Dimensions (W x H x D): 483 x 92 x 98 mm
925.100	Medium | Dimensions (W x H x D): 300 x 92 x 98 mm
X-large lid | For mounting on TOP FRAME base (#925.101) | With fixing screws	
925.0034	Aluminium (anodised & blasted/EV1)
925.0049	Black (anodised & blasted/EV6)
925.0023	Aluminium (anodised, E1/EV1)
Medium lid | For mounting on TOP FRAME base (#925.100) | With fixing screws	
925.0044	Aluminium (anodised & blasted/EV1)
925.0047	Black (anodised & blasted/EV6)
925.0022	Aluminium (anodised, E1/EV1)

925.101

925.0034

925.0049

925.0023

TOP FRAME with frame

#	
X-large | Colour: grey metallic (powder-coated, similar to RAL9006) | Black housing (powder-coated)	
925.801	Symmetrical | Dimensions (W x H x D): 583 x 192 x 110 mm
925.501	Asymmetrical | Dimensions (W x H x D): 523 x 162 x 110 mm
Medium | Colour: grey metallic (powder-coated, similar to RAL9006) | Black housing (powder-coated)	
925.800	Symmetrical | Dimensions (W x H x D): 401 x 192 x 110 mm
925.500	Asymmetrical | Dimensions (W x H x D): 341 x 162 x 110 mm

925.801

925.501

For suitable **power strips,** see from page 72.

CONFERENCE and TOP FRAME power strips

#								C
X-large | Power input/output: GST18i3 | Width 444 mm								
909.0057	3					35°	●	4
909.0060		3				35°	●	4
909.0058				3		45°	●	2
909.005	2					35°		6
909.012		2				35°		6
909.033*			2			0°		6
909.006	3					35°		5
909.013		3				35°		5
909.0029				2		45°		5
909.007	4					35°		4
909.014		4				35°		4
909.050*					4	35°		4
909.0028				2		45°		4
909.0191			4			0°		4
909.008	5					35°		3
909.015		5				35°		3
909.020*			6			0°		3
909.0027				3		45°		3
909.009	6					35°		2
909.016		6				35°		2
909.0026				4		45°		2
909.0172			3			0°	●	4
X-large | Without power input/output | Width 444 mm								
909.001						0°		8

909.0057

909.005

909.006

909.007

909.008

909.009

909.001

Material: anodised aluminium profile
Socket colour: black

For suitable **device supply cables,** see from page 182.

C For suitable **Custom Modules,** see from page 140.

Pictograms and their meaning can be found on page 279.

* No storage type

CONFERENCE and TOP FRAME power strips

#								C
Medium | Power input/output: GST18i3 | Width 260 mm								
909.002	1					35°		3
909.025		1				35°		3
909.028*			1			0°		3
909.065*					1	35°		3
909.0024				1		45°		2
909.003	2					35°		2
909.010		2				35°		2
909.017			2			0°		2
909.029					2	35°		2
909.004	3					35°		1
909.011		3				35°		1
909.058*					3	35°		1
909.0023*				2		45°		1
909.0056	2					35°	●	1
909.0059		2				35°	●	1
909.0170			2			0°	●	1
Medium | Power input/output: GST18i3 | Width 260 mm | 0.3 m GST18 extension cable including T-distributor								
909.0180			3			0°		1
Medium | Without power input/output | Width 260 mm								
909.000						0°		4

909.002

909.003

909.004

909.0056

909.0059

909.000

Accessories

#	
CONFERENCE guide rail set | For power strips	
940.099	Plastic black guide rail | Incl. 2 countersunk head screws 2.9 x 13 mm with Torx to DIN 7982

940.099

For suitable **device supply cables,** see from page 182.

C For suitable **Custom Modules,** see from page 140.

* No storage type

Pictograms and their meaning can be found on page 279.

CONI

CONI brings flexibility to the work surface as it enables free, individual access to power. CONI's minimal mounting depth provides sufficient space, even if installed near the edge. A wide range of standard surfaces also ensures design freedom.

When closed, the surface of the furniture and CONI produce an even surface. If power or data connections are needed, CONI can be opened, the desired plugs plugged in and closed again. The integrated brush insert prevents the cables from jamming.

With CONI, you are free to decide how the sockets are configured because the power strip can be quickly replaced without any tools.

BENEFITS

- **Integrated into the top of the furniture**
- **Minimal mounting depth, robust frame design**
- **Integrated brush insert for closing once cables have been plugged in**
- **Power strip can be changed quickly**
- **Suitable for subsequent assembly**

Dimensions (W x H x D): Large: 387 x 151 x 58 mm
Small: 248 x 151 x 58 mm
Mounting depth of frame (without mounting clips): 56 mm
Thickness of tabletop: 10 – 35 mm

Material: Mounting frame: steel sheet
Socket material: plastic, aluminium
Socket colour: black

Colour variants:

Pictograms and their meaning can be found on page 279.

Small CONI mounting frame
Width: 248 mm

Large CONI mounting frame
Width: 387 mm

The black brush strips can easily be replaced with colour brush strips; no tools are required.

Simply remove the mounting frame from the top of the desk or table and unscrew the 3 re-usable plastic rivets.

CONI mounting frame

#	
Large	
338.0205	Grey metallic (powder-coated, similar to RAL9006)
338.0206	Anthracite (powder-coated, similar to RAL7016)
911.001	White (powder-coated, similar to RAL9010)
911.003	Black (powder-coated, similar to RAL9005)
911.005	Stainless steel (ground)
Small	
338.0203	Grey metallic (powder-coated, similar to RAL9006)
338.0204	Anthracite (powder-coated, similar to RAL7016)
911.000	White (powder-coated, similar to RAL9010)
911.002	Black (powder-coated, similar to RAL9005)
911.004	Stainless steel (ground)

338.0205

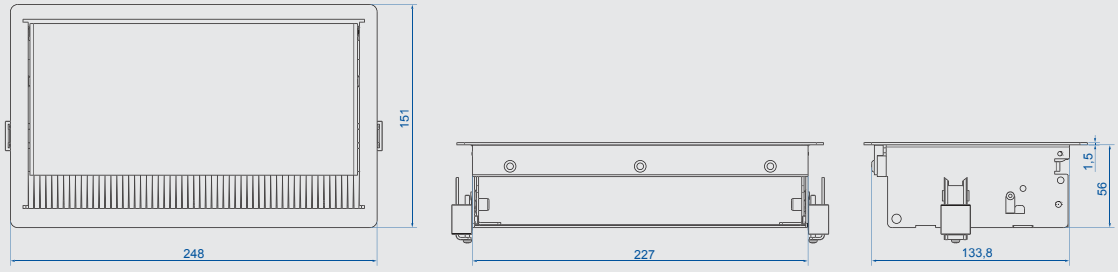
338.0206

911.001

911.003

911.005

Integrated brush insert for closing once cables have been plugged in.



Dimensions in mm

For suitable **power strips,** see from page 80.

CONI bracket

- For mounting CONI power strips without using a mounting frame, can be installed e.g. under a tabletop in a cable tray. Standard chipboard screws (which can be purchased from all good retailers) are required for mounting.
- The back-side outlet and bending radii of power and data connections are considered.
- Material / surface: black steel sheet (powder-coated, similar to RAL9005)

#	
918.002	**CONI bracket, tall** Black | 2 items in plastic bag | Distance between floor and socket profile: 30 mm Distance between floor and top edge of power strip: 74 mm

918.002

CONI holder

- For optional mounting on CONI mounting frame
- Allows cable lengths to be stowed away when plugged in
- Easy to fit by inserting into mounting frame (already fitted), using plastic rivets supplied
- Small extra mounting depth of approx. 20 mm in addition to depth of mounting frame
- Material / surface: black steel sheet (powder-coated, similar to RAL9005)

#	
911.913	**Large CONI holder**
911.910	**Small CONI holder**

911.910

CONI brush strip

#	
Large CONI brush strip	
911.905	Red
911.906	Blue
911.907	White
911.908	Yellow
911.909	Black
Small CONI brush strip	
911.900	Red
911.901	Blue
911.903	Yellow
911.904	Black

911.90X

Pictograms and their meaning can be found on page 279.

BACH
MANN

BACH
MANN

CONI DUO

CONI DUO is ideal for narrow conference and training desks, but can also be used in any living and work environment. CONI DUO provides simple and unimpeded access to power, media and data connections from two sides. There is no reduction in leg room under the furniture.

When in a closed state, CONI DUO is fully integrated into the surface of the furniture. Cables can be very easily routed through the opening: thanks to the black brush insert this is also possible when CONI DUO is closed.

BENEFITS

- **Access from two opposite sides**
- **Just one cut-out needed**
- **Integrated into the top of the furniture**
- **Minimal mounting depth, robust frame design**
- **Integrated brush insert for closing once cables have been plugged in**

Dimensions (W x H x D): Large: 782 x 151 x 58 mm
Small: 505 x 151 x 58 mm
Mounting depth (without mounting clips): 56 mm
Thickness of desktop or tabletop: 10 – 35 mm
Socket colour: black

Material: Mounting frame: steel sheet
Socket material: plastic, aluminium

Colour variants:

Pictograms and their meaning can be found on page 279.

CONI DUO mounting frame 2x small
Width: 505 mm

CONI DUO mounting frame 2x large
Width: 782 mm

The black brush strips can easily be replaced with colour brush strips; no tools are required.

Simply remove the mounting frame and unscrew the 3 re-usable plastic rivets.

CONI DUO mounting frame

#	
2x large	
911.025	Grey metallic (powder-coated, similar to RAL9006)
911.029	White (powder-coated, similar to RAL9010)
2x small	
911.026	Grey metallic (powder-coated, similar to RAL9006)
911.028	White (powder-coated, similar to RAL9010)

911.025

911.026

Not compatible with "CONI Holder" accessories

For suitable **power strips,** see from page 80.

Large CONI and CONI DUO power strips

#							C
Power input: 0.2 m cable and GST18i3 plug							
912.004	1				35°		5
912.005	2				35°		4
912.011		2			35°		4
912.017			3		0°		4
912.006	3				35°		3
912.012		3			35°		3
912.018			4		0°		3
912.022				3	90°		3
912.007	4				35°		2
912.013		4			35°		2
912.019			5		0°		2
912.035*	1		3		35°/0°		2
912.0221				4	90°		2
912.008	5				35°		1
912.014		5			35°		1
912.021				4	90°		1
912.0168	2				35°	●	3
912.0169			3		90°	●	3
912.0172		2			35°	●	3
912.0280				2	90°	●	3
Power input: 2 x 0.2 m cable (black and red) and GST18i3 plug (black)							
912.024	1 x black 2 x red				35°		3
912.025	2 x black 2 x red				35°		2
Without power input							
912.001					0°		6

Width: approx. 356 mm
Material: anodised aluminium profile

For suitable **device supply cables,** see from page 182.

C For suitable **Custom Modules,** see from page 140.

Pictograms and their meaning can be found on page 279.

* No storage type

Small CONI and CONI DUO power strips

#								C
Power input: 0.2 m cable and GST18i3 plug								
912.002	1					35°		2
912.009		1				35°		2
912.016				1		0°		2
912.0055*					1	35°		2
912.0080				1		90°		2
912.003	2					35°		1
912.010		2				35°		1
912.015			3			0°		1
912.037*	1		1			35°/0°		1
912.045				2		90°		1
333.1007	3					35°		
333.0500		3				35°		
912.0167	1					35°	●	1
912.0156	2					35°	●	
912.0171		1				35°	●	1
912.1781				1		90°	●	1
912.000						0°		3
912.0400			2			0°	●	1
333.1008	2					35°		2 x CAT5e RJ45
Power input: 2 x 0.2 m cable (black and red) and GST18i3 plug (black)								
912.023*	1 x black 1 x red					35°		1

912.002

912.003

333.1007

912.0167

912.0156

912.000

912.023

333.1008

Width: approx. 217 mm
Material: anodised aluminium profile

For suitable **device supply cables,** see from page 182.

For suitable **Custom Modules,** see from page 140.

* No storage type

Pictograms and their meaning can be found on page 279.

CONI COVER

CONI COVER is an elegant way of accessing separate power supply units or standard cable installation systems under the top of furniture. It is ideal for tables with built-in cable ducts, for example. CONI COVER can of course also be retrofitted to existing equipment.

To access the connections, the cover of the CONI COVER simply has to be opened. Thanks to the integrated brush insert, the cover can even be closed again with devices connected. The harmonious appearance of an "even" furniture surface is retained.

Both small and large versions of the CONI COVER mounting frame are available. They have an R5 corner radius, which enables them to be flush-mounted in the furniture. The mounting depth of 24 mm is suitable for a minimum tabletop thickness of 16 mm. It is fixed in place with 4 screws. These are screwed on from the inside through corresponding holes on the long sides of the mounting frame. Mounting instructions and cut-out dimensions are supplied with the unit.

BENEFITS

- **Compatible with all manufactures of duct and furniture**
- **Ideal for retrofitting**
- **Integrated brush insert for closing even when cables are connected**

Outer dimensions (W x H): Large: 387 x 149 mm
Small: 248 x 149 mm
Mounting depth of frame: 24 mm
Tabletop thickness: mind. 16 mm

Material: steel sheet
Colour variants:

Pictograms and their meaning can be found on page 279.

Large CONI COVER mounting frame

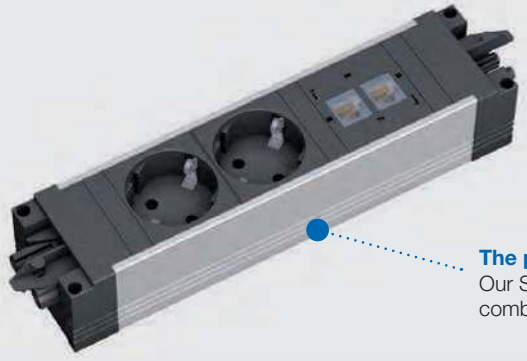
Easy access to all power supply units located under the furniture surface.

CONI COVER mounting frame

#	
Large	
338.0080	Grey metallic (powder-coated, similar to RAL9006)
911.501	White (powder-coated, similar to RAL9010)
911.503	Black (powder-coated, similar to RAL9005)
Small	
338.0081	Grey metallic (powder-coated, similar to RAL9006)
911.500	White (powder-coated, similar to RAL9010)
911.502	Black (powder-coated, similar to RAL9005)

338.0080

338.0081



The perfect combination
Our STEP power strips can be perfectly combined with the CONI COVER.

For suitable **STEP power strips,** see from page 26.

CONEO

CONEO – the quick and easy solution for integrating power and data connections into furniture in an elegant way.

Benefit from the custom modularity you can expect from BACHMANN and combine power supply with our choice of Custom Modules – for flexibility and adaptability, today and in the future.

BENEFITS

- **Quick and easy installation using special double-sided adhesive tape**
- **Set of items, comprising frame and power strip**
- **Outstanding flexibility by the use of Custom Modules**
- **Minimum mounting depth for ample leg room, even where the units are fitted near the edge**
- **Cables can be routed when in closed state**

Dimensions (W x H x D): 256 x 169 x 58 mm
Material: Mounting frame: steel sheet
Socket material: plastic, aluminium
Mounting depth of frame: 56 mm

Thickness of desktop or tabletop: all thicknesses (product is glued)
Socket colour: black

Colour variants:

Pictograms and their meaning can be found on page 279.

CONEO SET

#							C
Grey metallic (powder-coated, similar to RAL9006) | Power input: 0.2 m cable and GST18 plug							
900.402	2				35°		2
900.403		2			35°		2
900.400	3				35°		1
900.401		3			35°		1
900.404				2	35°		1
900.405			2		45°		1
900.406	2				35°	●	1
900.407		2			35°	●	1
900.408	1				35°	●	2
900.409		1			35°	●	2
900.410			1		45°	●	1
900.411				1	35°	●	1

900.403

900.400

900.405

C For suitable **Custom Modules,** see from page 140.

POWER FRAME COVER

POWER FRAME COVER is the elegant and compact power and data supply solution.

The POWER FRAME COVER has an attractive aluminium cover, designed for living and work environments with a strong design element, which also protects power and data connections from dust and dirt.

When the lid is fully open, both sides offer unimpeded access.

BENEFITS

- **High-quality design piece for work and living spaces**
- **Accessible from various sides**
- **Protection against dirt and dust**
- **Versatile: can be combined with sockets and data, audio and video modules**
- **Rapid installation of complete power strips**

AWARDS

GOOD DESIGN

GERMAN DESIGN AWARD NOMINEE 2016

Dimensions (W x H x D): *see table* x 88 x 42 m
Material: aluminium
Mounting depth: 43 mm

Thickness of desktop or tabletop: all thicknesses (product is glued) | With screw connection, 10 mm and thicker

Colour variants:

Pictograms and their meaning can be found on page 279.

POWER FRAME COVER

#	
Large | Width: 383 mm | Mounting frame with aluminium flap for gluing into the furniture	
915.504	Aluminium (anodised E8/EV1)
Medium | Width: 300 mm | Mounting frame with aluminium flap for gluing into the furniture	
915.502	Aluminium (anodised E8/EV1)
Small | Width: 255 mm | Mounting frame with aluminium flap for gluing into the furniture	
915.500	Aluminium (anodised E8/EV1)
915.503	White (painted, similar to RAL9010)
915.501	Stainless steel (painted)
915.022	Black (anodised E1/EV6 and brushed)

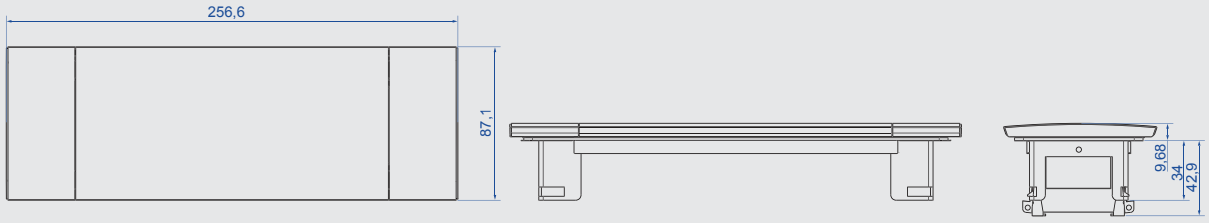
915.504

915.502

915.500

915.022

Accessible from **every side.**



Dimensions in mm

Only power strips with **evenly flush Custom Modules** can be used in conjunction with POWER FRAME COVER.

For suitable **power strips,** see from page 90.

POWER FRAME

POWER FRAME is an easily accessible unit for supplying electricity. Combining compact dimensions with high-unlimited application options.

The power strip can be simply clicked into the mounting frame from below without using tools.

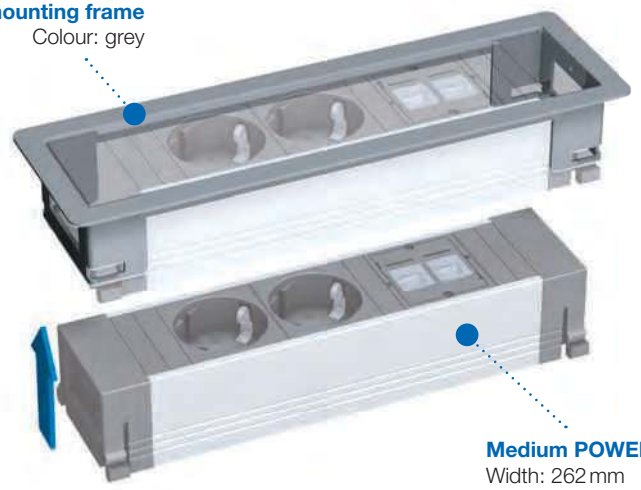
BENEFITS

- **Compact dimensions**
- **Suitable for subsequent assembly**
- **Timeless design**
- **Versatile in application**
- **Rapid installation of complete power strips**

Dimensions (W x H x D): *see table* x 73 x 36 mm
Material: Mounting frame: steel sheet
Socket material: plastic, aluminium
Mounting depth: Mounting frame: 34 mm
Mounting frame incl. power strip + retaining bracket: 50 mm

Thickness of desktop or tabletop: min. 10 mm
Corner radius: R5
Socket colour: black
Colour variants:

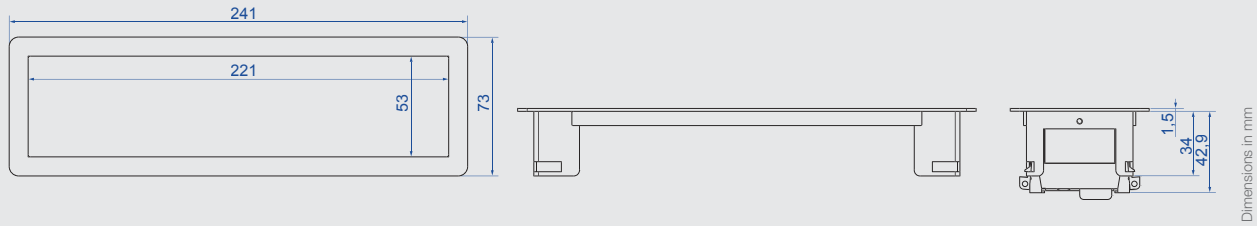
Pictograms and their meaning can be found on page 279.



POWER FRAME mounting frame

#	
Large | Width: 369 mm	
317.007	Grey metallic (powder-coated, similar to RAL9006)
915.006	Black (powder-coated, similar to RAL9005)
915.003	White (powder-coated, similar to RAL9010)
Medium | Width: 284 mm	
317.006	Grey metallic (powder-coated, similar to RAL9006)
915.004	Black (powder-coated, similar to RAL9005)
915.005	White (powder-coated, similar to RAL9010)
Small | Width: 241 mm	
317.000	Grey metallic (powder-coated, similar to RAL9006)
317.001	Stainless steel
915.000	Black (powder-coated, similar to RAL9005)
915.001	White (powder-coated, similar to RAL9010)

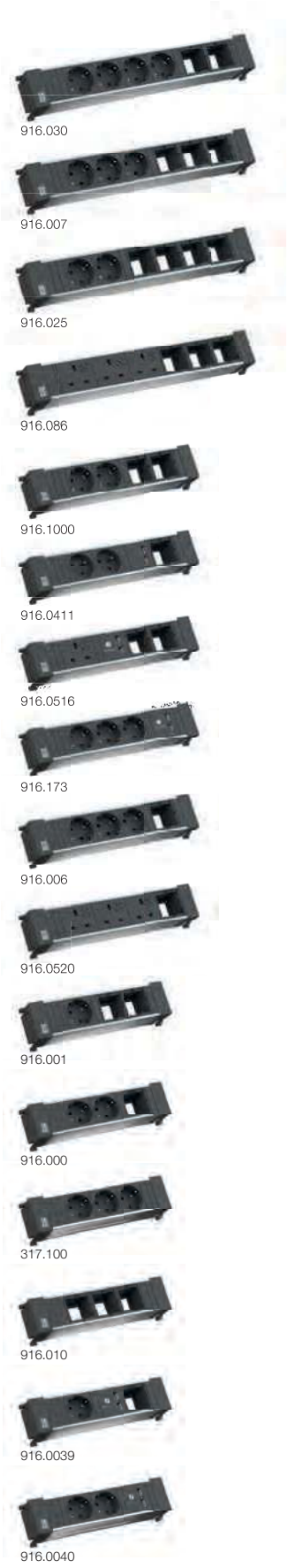
Power strip is clicked into the mounting frame from underneath **without tools.**



For suitable **power strips,** see from page 90.

Aluminium POWER FRAME (COVER) power strips

#							C
Large | Width: 350 mm | Power input: 0.2 m cable and GST18i3 plug							
916.030	4				35°		2
916.007	3				35°		3
916.025	2				35°		4
916.1110		4			35°		2
916.048		3			35°		3
916.023		2			35°		4
916.0361				3	90°		2
916.086				3	90°		3
916.024			3		0°		4
916.123			3		0°	●	3
Medium | Width: 262 mm | Power input: 0.2 m cable and GST18i3 plug							
916.1000	2				35°		2
916.047		2			35°		2
916.0821				2	90°		2
916.0514	2				35°	●	1
916.0411		2			35°	●	1
916.0519				2	90°	●	1
916.0041	1				35°	●	2
916.0628		1			35°	●	2
916.0516				1	90°	●	2
916.173	3				35°	●	
916.1227		3			35°	●	
916.1229				3	90°	●	
916.006	3				35°		1
916.0621		3			35°		1
916.0520				3	90°		1
Small | Width: 220 mm | Power input: 0.2 m cable and GST18i3 plug							
916.001	1				35°		2
916.003		1			35°		2
916.005*			1		0°		2
916.091				1	90°		2
916.000	2				35°		1
916.002		2			35°		1
916.004*			3		0°		1
916.082				2	90°		1
317.100	3				35°		
317.102		3			35°		
916.1129				3	90°		
916.010							3
916.0039	1				35°	●	1
916.0042		1			35°	●	1
916.0510				1	90°	●	1
916.0040	2				35°	●	
916.100				2	90°	●	
916.0270			1		0°	●	1



For suitable **device supply cables,** see from page 182.

C For suitable **Custom Modules,** see from page 140.

Pictograms and their meaning can be found on page 279.

* No storage type

Aluminium POWER FRAME (COVER) power strips

#							C
Small | Width: 220 mm | Power input: 0.2 m cable and GST18i3 plug | Front: socket | Back: socket							
317.101	2				0°		2 x CAT5e RJ45
Small | Width: 220 mm | Power input: 2.0 m cable with ferrules and mounting plug, included							
916.1192	3				35°		
916.111		3			35°		
916.1193	2				35°	●	
916.112		2			35°	●	

317.101

916.1192

916.1193

Plastic POWER FRAME (COVER) power strips

#				C
Medium | Width: 262 mm | Power input: 0.2 m cable and GST18i3 plug				
916.0601	2		0°	2
916.0611	1		0°	3
Small | Width: 220 mm | Power input: 0.2 m cable and GST18i3 plug				
916.061	1		35°	2
916.063		1	35°	2
916.060	2		35°	1
916.062		2	35°	1
317.117	3		35°	
916.059		3	35°	

916.0601

916.061

916.060

317.117

For suitable **device supply cables,** see from page 182.

C For suitable **Custom Modules,** see from page 140.

KAPSA

KAPSA's classic, reduced forms make it a power strip that is both design-orientated and space-saving – designed for the kitchen, office and many other areas in living and work environments.

The lid – which can be flipped open and changed – provides protection against external influences and is available in several versions. Modular equipment options make flexible configuration possible.

Installation from above guarantees simple mounting – also optionally available as a retrofitted solution. A low mounting depth of approx. 45 mm and a solid design characterise KAPSA and confirm that: less is more.

BENEFITS

- **Easily changeable lid available in various versions**
- **Modular equipment options**
- **Aluminium lid with high-quality look and feel**
- **Low mounting depth (approx. 45 mm)**
- **Simple mounting from above, retrofitting possible too**

Dimensions (W x H x D): *see table* x 51 x 71 mm
Mounting depth without cable: 45 mm
Material: Lid: aluminium
Socket: anodised aluminium profile

Thickness of tabletop: 10 – 40 mm
Socket colour: black
Colour variants:

Pictograms and their meaning can be found on page 279.

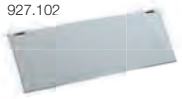
KAPSA lids

#	
Small | Width: 204 mm	
927.100	Stainless steel look
927.101	Black (painted, similar to RAL9005)
927.102	White (painted, similar to RAL9010)
927.103	Aluminium (anodised E6/EV1)
X-small | Width: 151 mm	
927.300	Stainless steel look
927.301	Black (painted, similar to RAL9005)
927.302	White (painted, similar to RAL9010)
XX-small | Width: 68 mm	
927.500	Stainless steel look

927.100

927.101

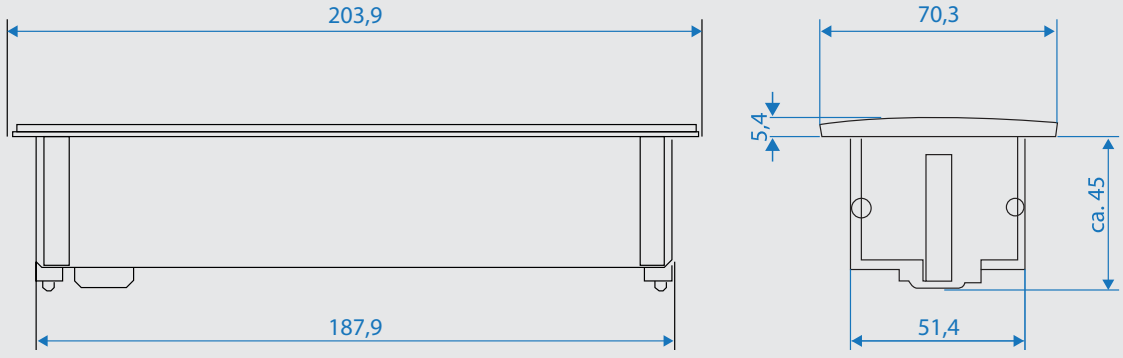
927.102


927.103

927.300

927.500

Lid can be changed
and easily retrofitted.



Dimensions in mm, for small KAPSA power strips

Only power strips with **evenly flush Custom Modules** can be used in conjunction with the cover.

Other colour versions available on request

For suitable **power strips,** see from page 94.

Small KAPSA power strips

#							C
Power input: 0.2 m cable with GST18i3 | Width 204 mm							
927.050	3				35°		
927.053		3			35°		
927.051	2				35°	●	
927.054		2			35°	●	
927.052	2				35°		1
927.055		2			35°		1
927.062	1				35°		2
927.064		1			35°		2
927.059			3		0°		
927.057				1	90°	●	1
927.061			2		0°		1
927.058				2	90°		1
Power input: 2.0 m cable with ferrules and mounting plug | Width 204 mm							
927.000	3				35°		
927.003		3			35°		
927.009			3		0°		
927.001	2				35°	●	
927.004		2			35°	●	
927.010			2		0°	●	
927.002	2				35°		1
927.005		2			35°		1
927.011			2		0°		1
Power input: 2.0 m cable with mounted UK plug | Width 204 mm							
927.006				3 (13 A)	90°		
927.012				2 (13 A)	90°	●	
927.007				1 (13 A)	90°	●	1
927.008				2 (13 A)	90°		1

927.050

927.051

927.052

927.000

927.001

927.002

927.006

927.012

927.007

927.008

Power strip and lid must be ordered separately

For suitable **device supply cables,** see from page 182.

For suitable **Custom Modules,** see from page 140.

Pictograms and their meaning can be found on page 279.

X-small KAPSA power strips

#						
Power input: 0.2 m cable with GST18i3 | Width 151 mm						
927.251	1				90°	●
927.254		1			90°	●
927.260			1		0°	●
927.257				1	90°	●
Power input: 2.0 m cable with ferrules and mounting plug | Width 151 mm						
927.200	2				90°	
927.203		2			90°	
927.209			2		0°	
927.201	1				90°	●
927.204		1			90°	●
927.210			1		0°	●
Power input: 2.0 m cable with mounted UK plug | Width 151 mm						
927.206				2 (13 A)	90°	
927.207				1 (13 A)	90°	●

927.251

927.200

927.201

927.207

XX-small KAPSA power strips

#		
Power input: 2.0 m cable with ferrules and mounting plug | Width 68 mm		
927.400	1	
927.402		1

927.400

Power strip and lid must be ordered separately

For suitable **device supply cables,** see from page 182.

For suitable **Custom Modules,** see from page 140.

DUE

DUE is the ideal power strip for the kitchen. It guarantees an elegant power supply and can be used just as effectively in the office and in other areas. With its interchangeable lids, it can be colour-coordinated to its surroundings or create accents as desired, even after installation.

The split lid allows DUE to be slid open as required, with a design that looks equally elegant when in use. The low mounting depth of approximately 45 mm allows it to be compactly integrated into kitchen worktops or the wall or installed above drawers.

BENEFITS

- **Changeable lids available in black, white and stainless steel look**
- **Low mounting depth (approx. 45 mm)**
- **Space-saving design even when open**
- **Supplied with installation template**
- **Integrated water run-off**

AWARDS

DESIGN PLUS powered by: light+building

Focus Open 2016 Special Mention

INNOVATIONSPREIS ARCHITEKTUR+TECHNIK

Dimensions (W x H x D): 141 x 72 x 49 mm
Mounting depth without cable: 45 mm
Material: plastic
Thickness of desktop or tabletop: 10–40 mm

Socket colour: black

Lid colour variants:

Pictograms and their meaning can be found on page 279.

DUE power strips

#				
Power input: 0.2 m cable with GST18i3 plug				
929.010	2			90°
929.012		2		90°
Power input: 2.0 m cable with ferrules and mounting plug, included				
929.000	2			90°
929.002		2		90°
Power input: 2.0 m cable with mounted UK plug				
929.004			2 (13 A)	90°

929.010

929.002

929.004

DUE lid

#	
929.100	Stainless steel look
929.101	Black (similar to RAL9005)
929.102	White (similar to RAL9010)

929.100

929.101

929.102

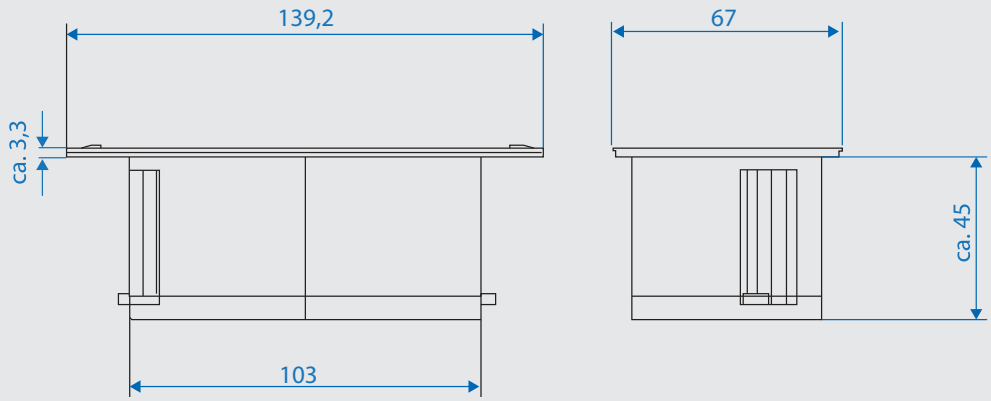
Accessories

#	
Hole saw | For installing DUE	
926.900	In wood/plastic with cutting depth up to 44 mm | Diameter 56 mm
918.900	Adaptor tool for hole saw with centre drill

Similar to picture
926.900

918.900

Space-saving design even when open.



Dimensions in mm without lid

Power strip and lid must be ordered separately

For suitable **device supply cables,** see from page 182.

TWIST

TWIST is a power strip for living and work environments such as the office, lounge or kitchen. With its compact design and low mounting depth, it is easily integrated in desks or kitchen worktops. Because the power cable is routed close to the housing, the mounting depth is only around 40 mm, so the unit can be easily installed above a drawer.

With various surfaces and colours, TWIST blends easily into both modern and organic interiors. An ingenious fastening mechanism: after use, simply rotate the lid and the sockets disappear underneath it.

TWIST has won numerous highly renowned design prizes including the Good Design Award 2014, the Red Dot Product Design Award 2012, the Focus Open 2014 Silver and Interior Innovation Award 2014, the Best Office Award at the Office Next Moscow trade fair 2014 and lastly the Interzum Award: intelligent material & design 2015.

BENEFITS

- **Just 40 mm mounting depth**
- **Quick and easy to install**
- **Suitable for subsequent assembly**
- **KEMA-KEUR approved**
- **Space-saving cable guide**

AWARDS

interzum Award · GOOD DESIGN · OFFICE NEXT MOSCOW 2014 · interior innovation award 2014 Selection · Focus Open 2014 Silver · reddot design award winner 2012 · GERMAN DESIGN AWARD SPECIAL 2016

Dimensions (H x Ø): 42.5 x 115 mm
Mounting depth: 40 mm
Desktop/tabletop thickness: as of 8 mm
Material: Cover disc: metal
Socket: plastic

Socket colour: black
Colour variants:

Watch the TWIST installation video at bachmann.com

Pictograms and their meaning can be found on page 279.

TWIST

#				K
Stainless steel look | Power input: 2.0 m cable with ferrules and mounting plug, enclosed				
931.000	2			
931.002		2		
931.008			2 (T23)	
Matt chrome | Power input: 2.0 m cable with ferrules and mounting plug, enclosed				
931.021	2			
931.016		2		
Matt chrome | Power input: 0.2 m cable and GST18 plug				
931.001	1			2
931.003		1		2
931.009			1 (T13)	2
Black (painted, similar to RAL9005) | Power input: 2.0 m cable with ferrules and mounting plug, enclosed				
931.100	2			
931.102		2		
Black (painted, similar to RAL9005) | Power input: 0.2 m cable and GST18 plug				
931.101	1			2
931.103		1		2
White (painted, similar to RAL9010) | Power input: 2.0 m cable with ferrules and mounting plug, enclosed				
931.200	2			
931.202		2		
White (painted, similar to RAL9010) | Power input: 0.2 m cable and GST18 plug				
931.201	1			2
931.203		1		2

931.000

931.021

931.001

931.100

931.200

Accessories

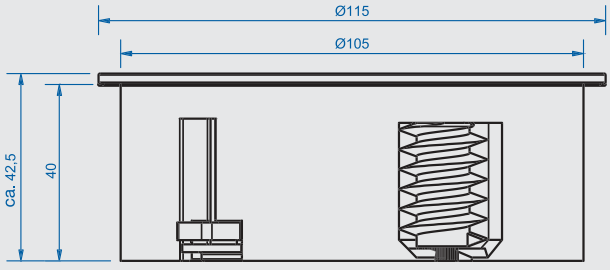
#	
Hole saw | For installing the TWIST	
931.900	In wood/plastic | Cutting depth up to 44 mm | Diameter 105 mm
918.900	Adaptor tool for hole saw with centre drill

931.900

Similar to picture

918.900

With **a mounting depth of just 40 mm,** the TWIST is so compact that it is even possible to install it above a drawer.



Dimensions in mm

For suitable **device supply cables,** see from page 182.

For suitable **Keystones,** see from page 143.

PIX

The stylish PIX range is a collection of delicated, round sockets and connection units that can be used in many different ways – in the office, kitchen, public lounge or at home.

Used alone or in your chosen combination, the decorative rings are available in various colours and can be changed. An ingenious, swivel-mounted lid, providing protection from dust and dirt, is available as an option for PIX and can also be retrofitted.

With its round, flat shape and minimalist appearance, PIX meets design requirements exactly where you need it.

BENEFITS

- **Can be integrated on its own or in your chosen combination**
- **Changeable, coloured decorative rings**
- **Small mounting diameter of 56 mm**
- **Optionally with swivel-mounted lid**
- **Simple mounting from above, retrofitting possible too**

AWARDS

interzum Award 2017

Dimensions (H x Ø): 50 x 68 mm
Mounting depth without cable: 45 mm
Thickness of tabletop: 10 – 40 mm

Socket colour: black
Material: plastic
Colour variants:

Pictograms and their meaning can be found on page 279.

PIX power strips

#					C
2 decorative rings (black, similar to RAL9005 and white, similar to RAL9010) Power input: 0.2 m cable with GST18i3					
926.000	1				
926.002		1			
926.006				1	
926.004			1		
926.010					1
3 decorative rings (black, similar to RAL9005, white, similar to RAL9010 and stainless steel look) Power input: 2.0 m cable with ferrules and mounting plug, enclosed					
926.001	1				
926.003		1			
926.005			1		
3 decorative rings (black, similar to RAL9005, white, similar to RAL9010 and stainless steel look) Power input: 2.0 m cable with mounted UK plug					
926.007				1 (13 A)	

926.000

926.010

926.007

PIX lid set

· Swivelling lid with matching decorative ring incl. covers for all countries and connection variants

#	
926.100	Stainless steel look
926.101	Black (similar to RAL9005)
926.102	White (similar to RAL9010)

926.101

926.102

PIX decorative ring set "classic"

#	
926.200	5 coloured decorative rings in yellow (similar to RAL1028), green (similar to RAL6018), pink (similar to RAL4003), red (similar to RAL3020), blue (similar to RAL5015)

926.200

Accessories

#	
Hole saw | For installing the PIX	
926.900	In wood/plastic | Cutting depth up to 44 mm | Diameter 56 mm
918.900	Adaptor tool for hole saw with centre drill

926.900

Similar to picture

918.900

PIX decorative rings available in eight colour variants

For suitable **device supply cables,** see from page 182.

For suitable **Custom Modules,** see from page 140.

ELEVATOR

ELEVATOR fits perfectly in any setting.
With a diameter of 79 mm, ELEVATOR is ideal for integrating power and data connections in tiny spaces. Simply press down with your finger to raise and lower ELEVATOR.

Installation is incredibly simple. ELEVATOR is placed in a cut-out 79 mm in diameter and secured to the furniture using a lock ring.

BENEFITS

- **Press down with your finger to raise**
- **Quick and easy to install**
- **Suitable for subsequent assembly**
- **Suitable for standard 79 mm hole**

Dimensions (H x Ø): 230 x 115 mm
Mounting depth (without cable): 135 mm
Thickness of desktop or tabletop: 16–60 mm
Material: Profile: aluminium
Socket material: plastic

Socket colour: black
Colour variants:

Watch the ELEVATOR installation video at bachmann.com

Pictograms and their meaning can be found on page 279.

ELEVATOR

#								K
Stainless steel look | Power input: 2.0 m cable with ferrules and mounting plug, enclosed								
928.002	2					90°		
928.003	1				2	90°/0°		
928.007		2				90°		
928.024			2 (T23)			90°		
928.017	1					90°	●	
928.020		1				90°	●	
928.046				1 (13 A)		90°	●	
Matt chrome | Power input: 0.5 m cable and GST18 plug, 3.0 m data cables incl. plug/socket								
928.004	1					90°		2 x CAT6
928.005	1					90°		1 x CAT6 1 x USB 3.0 A
928.006	1					90°		1 x CAT6 1 x HDMI
928.008		1				90°		2 x CAT6
928.009		1				90°		1 x CAT6 1 x USB 3.0 A
928.010		1				90°		1 x CAT6 1 x HDMI
928.035			1 (T13)			90°		2 x CAT6
928.039				1 (5 A)		90°		1 x CAT6 1 x USB 3.0 A
928.026				1 (5 A)		90°	●	

928.002

928.003

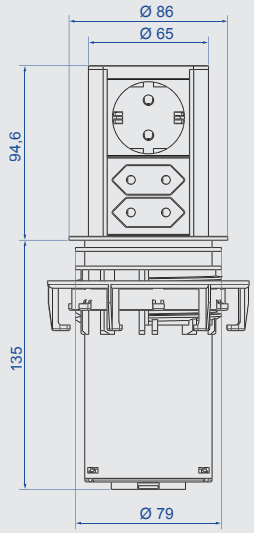
928.020

928.004

928.005

CONNECTION PANELS

Simply press down with your finger to raise and lower ELEVATOR.



Dimensions in mm

With ELEVATOR, Keystones cannot be changed!

For suitable **device supply cables,** see from page 182.

Accessories

#	
Hole saw | For installing ELEVATOR	
928.900	In wood/plastic | Cutting depth up to 44 mm | Diameter 79 mm
918.900	Adaptor tool for hole saw with centre drill

928.900

Similar to picture

918.900

Pictograms and their meaning can be found on page 279.

ELEVATOR COVER

ELEVATOR COVER is the ideal mounting add-on and screen for the ELEVATOR power strip. With a housing for mounting inside the cabinet, ELEVATOR COVER holds all ELEVATORS perfectly.

ELEVATOR can be raised as usual with one press of the thumb and provides up to three sockets in a very small space. After use, ELEVATOR disappears back into the ELEVATOR COVER.

BENEFITS

- **Mounting add-on and screen suitable for ELEVATOR**
- **Can be mounted quickly and easily on the wall or in a corner**
- **Suitable for subsequent assembly**

ELEVATOR COVER

#	
Stainless steel look | Cover: black	
928.902	Housing to hold ELEVATOR | E.g. for mounting inside kitchen wall cupboard

Dimensions (W x H x D): 127 x 127 x 150 mm

Material: aluminium, plastic

Pictograms and their meaning can be found on page 279.

LIFT

LIFT is the totally practical combination of delicated design and high-precision mechanic. The unit is recessed neatly in the surface of the furniture when not in use. Simply touch to raise out of the work surface ready for docking on all four sides. Once you have finished using the LIFT unit, simply push it back into its initial recessed position by hand – cutting-edge technology in motion.

LIFT can be supplied in a variety of power and data connection configurations. This highly compact unit needs a drill hole only 140 mm in diameter for installation. Mounting depth when both open and closed is just 184 mm.

BENEFITS

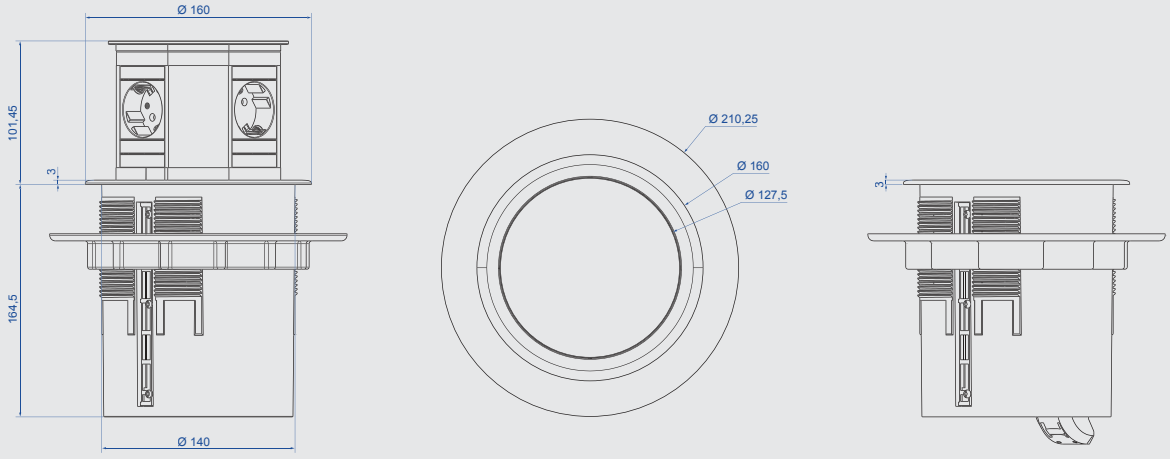
- **Simply touch to raise automatically**
- **Attractive design all round**
- **Access points on four sides**
- **Incredibly compact dimensions**
- **Low mounting depth**
- **4 connecting units on one height unit**

Dimensions (H x Ø): 286 x 210 mm
Hole diameter: 140 mm
Mounting depth without cable: 184 mm
Material: Housing: plastic
Profile: aluminium

Thickness of desktop or tabletop: 10 – 60 mm
Socket colour: black
Colour variants:

Pictograms and their meaning can be found on page 279.

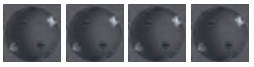
Simply press down with your finger to raise and lower LIFT.

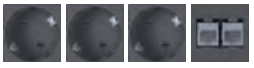


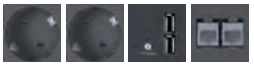
Dimensions in mm

LIFT black

#							
Power input: 0.5 m cable and GST18i3 plug							
904.000	4				35°		
904.004		4			35°		
904.024*			4		0°		
904.020*				4	90°		
Power input: 3.0 m cable and plug | Data cable 3.0 m							
904.001	3				35°		2 x CAT6
904.005		3			35°		2 x CAT6
904.025*			3		0°		2 x CAT6
904.021*				3	90°		2 x CAT6
904.0001*	2				35°	•	2 x CAT6
904.002	2				35°		2 x CAT6 1 x VGA + miniature jack
904.006		2			35°		2 x CAT6 1 x VGA + miniature jack
904.026*			2		0°		2 x CAT6 1 x VGA + miniature jack
904.022*				2	90°		2 x CAT6 1 x VGA + miniature jack
904.003	2				35°		2 x CAT6 2 x USB
904.007		2			35°		2 x CAT6 2 x USB
904.027*			2		0°		2 x CAT6 2 x USB
904.023*				2	90°		2 x CAT6 2 x USB
904.045	1				35°		2 x CAT6 1 x VGA + miniature jack 1 x HDMI
904.0100			2		0°		2 x CAT6 1 x HDMI


904.000


904.001


904.0001

904.002

904.003

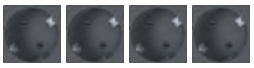
904.045

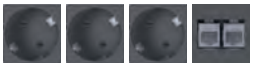
Pictograms and their meaning can be found on page 279.

* No storage type

LIFT silver

#				C
Power input: 0.5 m cable and GST18i3 plug				
904.008	4		35°	
904.012		4		
Power input: 3.0 m cable and plug | Data cable 3.0 m				
904.009	3		35°	2 x CAT6
904.010	2		35°	2 x CAT6 1 x VGA + miniature jack
904.011	2		35°	2 x CAT6 2 x USB
904.052	1		35°	2 x CAT6 1 x VGA + miniature jack 1 x HDMI


904.008


904.009

904.010

904.011

904.052

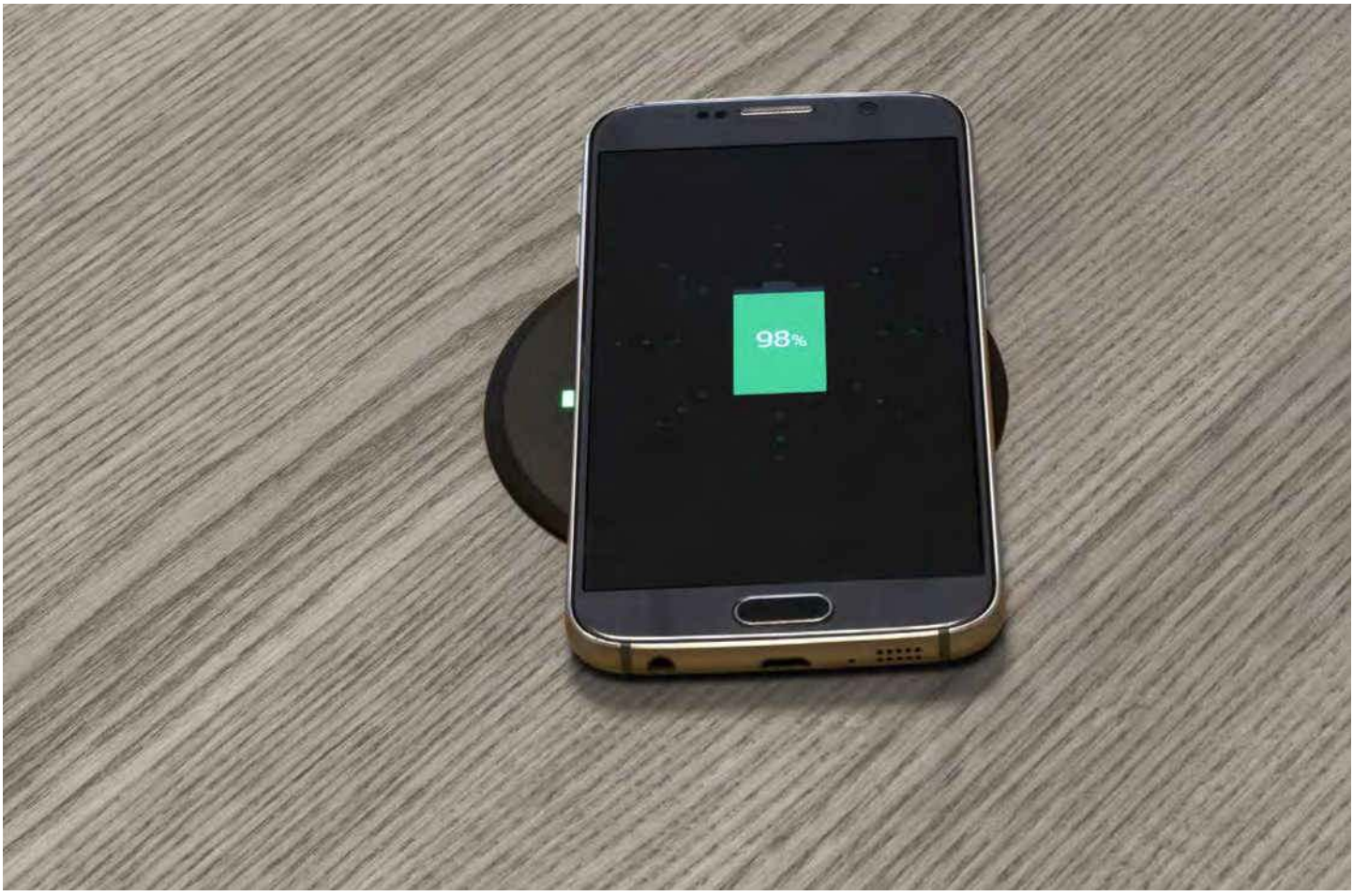
Accessories

#	
Hole saw | For installing LIFT	
904.900	In wood/plastic | Cutting depth up to 44 mm | Diameter 140 mm
918.900	Mounting tool for hole saw with centre drill

904.900

Similar to picture

918.900



WIRELESS CHARGER

The WIRELESS CHARGER allows all QI-enabled mobile devices to be charged wirelessly. No plugs, no irritating cables – the smartphone or tablet is simply and conveniently placed onto the charging module to charge.

The WIRELESS CHARGER can be very easily and quickly integrated into a wide range of surfaces. The WIRELESS CHARGER is placed into a cut-out 79 mm in diameter and secured from below in the table surface using clamping claws.

BENEFITS

- **Wireless charging station**
- **For installation in tabletops**
- **With USB charger enclosed**

Pictograms and their meaning can be found on page 279.

WIRELESS CHARGER

#	
Black plastic housing | Power input 1.5 m cable with USB A connection	
934.000	Charging standard: WPC1.1 | Input: 5 V | Output: 5 V | Charging distance: 4–6 mm | For 79 mm standard hole

934.000

Accessories

#	
Hole saw | For installing the wireless charger	
928.900	Hole saw for wood/plastic | Cutting depth up to 44 mm | Diameter 79 mm
918.900	Adaptor tool for hole saw with centre drill

928.900 Similar to picture

918.900

Charge a smartphone **without cables.**

DESK 2

DESK 2 is a power strip that can be populated with various communication modules. It has been designed for flexible use in the office, meeting rooms, home offices or desk-sharing environments. But DESK 2 is great at living spaces, too.

The power strip is made from aluminium and is available in various colours. The connections are screwed onto the standardised module windows and can be easily converted.

BENEFITS

- **Design solution for the modern living and work environment**
- **User-focused 35° orientation**
- **Covered cable routing to the edge**
- **Custom versions for future-proofing**
- **Red Dot Design Award winner 2011**
- **IF Award winner 2012**
- **Nominated for the German Design Award 2012**

AWARDS

German Design Award 2012 NOMINEE

product design award 2012

reddot design award winner 2011

Dimensions (W x H x D): *see table* x 86 x 100 mm
Material: Profile: aluminium
Socket: plastic
Desktop/tabletop thickness: 10 – 40 mm

Socket colour: black

Colour variants:

Pictograms and their meaning can be found on page 279.

DESK 2 power strips – white, similar to RAL9010

#							C	
Without device supply cable | Power input: 0.2 m with GST18 | Including mounting brackets								
902.2048	3				35°			197 mm
902.213				2	45°			197 mm
902.214				4	45°			317 mm
902.200	3				35°		1	239 mm
902.204		3			35°		1	239 mm
902.206				2	45°		1	239 mm
902.208			3		90°		1	239 mm
902.203	2				35°		1	197 mm
902.211	2				35°		2	239 mm
902.207				2	45°		2	274 mm
902.201	3				35°		2	282 mm
902.205		3			35°		2	282 mm
902.209			3		90°		2	282 mm
902.202	3				35°		3	324 mm
902.380	1				35°	●		155 mm
902.3641		1			35°	●		155 mm
902.228	2				35	●	1	241 mm
902.232*		2			35°	●	1	239 mm
902.231				2	45°	●	1	274 mm
902.229*	2				35°	●	2	282 mm
902.230*			2		90°	●	2	282 mm
With device supply cable | Power input: 0.2 m with GST18 | Including mounting brackets | 1.5 m separate device supply cable GST18/earthing contact								
902.301	3				35°		1 x CAT6 coupling socket/socket 1 x USB A/A 3.0 keystone module	239 mm
902.302	3				35°		2 x CAT6 coupling socket/socket 1 x USB A/A 3.0 keystone module 1 x HDMI keystone socket/socket	282 mm
902.300	3				35°			197 mm

902.2048
902.214
902.206
902.203
902.211
902.207
902.201
902.228
902.231
902.229

CONNECTION PANELS

A real eye-catcher thanks to its **high-quality design**.

For suitable **device supply cables,** see from page 182.

For suitable **Custom Modules,** see from page 140.

* No storage type

Pictograms and their meaning can be found on page 279.

DESK 2 power strips – inox (stainless steel look)

Without device supply cable | Power input: 0.2 m with GST18 | Including mounting brackets

#							C	
902.4048	3				35°			197 mm
902.400	3				35°		1	239 mm
902.404		3			35°		1	239 mm
902.406				2	45°		1	239 mm
902.408			3		90°		1	239 mm
902.403	2				35°		1	197 mm
902.411	2				35°		2	239 mm
902.407				2	45°		2	274 mm
902.401	3				35°		2	282 mm
902.405		3			35°		2	282 mm
902.409			3		90°		2	282 mm
902.402	3				35°		3	324 mm
902.5712	1				35°	●		155 mm
902.5711		1			35°	●		155 mm
902.428	2				35°	●	1	241 mm
902.432*		2			35°	●	1	239 mm
902.431				2	45°	●	1	274 mm
902.429*	2				35°	●	2	282 mm
902.430*			2		90°	●	2	282 mm

902.4048

902.400

902.403

902.402

902.429

902.430

With device supply cable | Power input: 0.2 m with GST18 | Including mounting brackets | 1.5 m separate device supply cable GST18/earthing contact

902.500	3				35°			197 mm
902.501	3				35°		1 x CAT6 coupling socket/socket 1 x USB A/A 3.0 keystone module	239 mm
902.502	3				35°		2 x CAT6 coupling socket/socket 1 x USB A/A 3.0 keystone module 1 x HDMI keystone socket/socket	282 mm

902.501

902.502

DESK 2 power strips – black, similar to RAL9005

Without device supply cable | Power input: 0.2 m with GST18 | Including mounting brackets

#							C	
902.602	2				35°	●	1	241 mm
902.603		2			35°	●	1	239 mm
902.705	1				35°	●		155 mm
902.706		1			35°	●		155 mm
902.600			2		90°	●	1	261 mm
902.725			1		90°	●		155 mm
902.611				2	45°	●	1	283 mm
902.726				1	45°	●		198 mm

902.602

902.603

902.726

For suitable **device supply cables,** see from page 182.

C For suitable **Custom Modules,** see from page 140.

Pictograms and their meaning can be found on page 279.

* No storage type

Accessories

#	
DESK 2 cable guide | Covered cable guide to the edge of the table	
918.106	Plastic painted in white, similar to RAL9010
918.107	Plastic, painted in inox (stainless steel look)
918.124	Plastic painted in black, similar to RAL9005
DESK 2 adhesive sockets | 2 x TESA POWER STRIP	
918.110	2 x adhesive set, plastic, painted in white, similar to RAL9005
918.111	2 x adhesive set, plastic, painted in inox (stainless steel look)
918.122	2 x adhesive set, plastic, painted in black, similar to RAL9005
Mounting bracket for tabletop thicknesses of 25 to 50 mm	
930.120	Anodised aluminium, material thickness approx. 9 mm | Content: 2 x mounting clamps, anodised aluminium profile, 2 x Allen bolts M5 x 60 mm

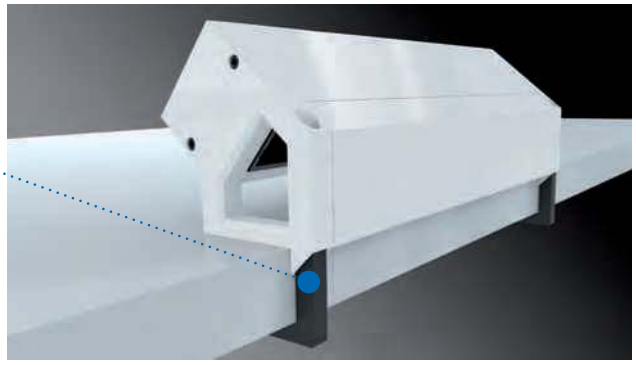
918.106

918.110

918.111

930.120

DESK 2 is secured to the furniture with aluminium mounting brackets and cables are routed behind the screen.



Particular attention has been paid to the design of DESK 2. In terms of technology, DESK 2 has a modular structure, just like its predecessor DESK 1. Like all other BACHMANN desk connection panels with media and data modules, DESK 2 is adapted to individual requirements and future purposes using BACHMANN Custom Modules.

DESK 2 mounting brackets are suitable for desktop thicknesses of 10 mm to 40 mm. Alternatively, DESK 1 standard mounting brackets (art. no. 930.120) can also be used for DESK 2. In combination with DESK 2, these cover a range of 25 mm to 55 mm.

DESK 1

DESK is the ideal solution for data, media and power management wherever these connections need to be flexible. Typical situations might include meeting rooms, home offices or desk sharing environments.

The modular construction of DESK enables it to be factory-configured with exactly the communications and power connections required for specific applications. For the power supply, there is therefore a free choice of either the flexible Wieland connector system or permanent connections. The data connections are fitted with adapters as standard, but can likewise also be fixed connections.

BENEFITS

- **Flexibility of use regardless of location**
- **With Wieland connector system or fixed cable connections**
- **With fixation or free-standing**
- **Custom versions for future-proofing**

Dimensions (W x H x D): *see table* x 73 x 93 mm
Material: Anodised aluminium profile
Socket: plastic

Socket colour: black

Colour variants:

Pictograms and their meaning can be found on page 279.

DESK 1 power strips – without cable

· Power input: GST18 | Power output: GST18

#								
902.0048	3				35°			229 mm
339.1018				2	45°			229 mm
902.1804			3		0°			229 mm
902.1313		3			35°			229 mm
902.0049	4				35°			271 mm
902.1076	4				35°			271 mm
339.110			4		0°			242 mm
339.1020				4	45°			356 mm
902.000	3				35°		1	281 mm
902.004		3			35°		1	281 mm
902.008			3		0°		1	258 mm
902.1017				2	45°		1	276 mm
902.001	3				35°		2	324 mm
902.005		3			35°		2	365 mm
902.009			3		0°		2	301 mm
902.024				2	45°		2	346 mm
902.002	3				35°		3	366 mm
902.006		3			35°		3	366 mm
902.010			3		0°		3	344 mm
902.0089				2	90°		3	344 mm
902.003	3				35°		4	409 mm
902.007		3			35°		4	409 mm
902.0382	1				35°	●		197 mm
902.1309		1			35°	●		189 mm
902.0192	2				35°	●		281 mm
902.068		2			35°	●		239 mm
902.166				2	45°	●		274 mm
902.1992			2		0°	●		239 mm
902.0182	2				35°	●	1	281 mm
902.0185		2			35°	●	1	281 mm
902.0184				2	45°	●	1	316 mm
902.0578			2		90°	●	1	301 mm
902.0183*	2				35°	●	2	324 mm
902.0161			2		90°	●	2	324 mm
902.0562		2			35°	●	2	324 mm
902.0261				2	45°	●	2	359 mm
Including 1 switch, 2-pole, illuminated, blue								
902.0050	3				35°			271 mm
902.017	3				35°			324 mm

Individual equipment entirely according to your wishes.

Standard items are supplied without mounting brackets

For suitable **device supply cables,** see from page 182.

For suitable **Custom Modules,** see from page 140.

* No storage type

Pictograms and their meaning can be found on page 279.

DESK 1 power strips – with cable

#							C	
Power input: 1.0 m with GST18								
902.054	3				35°		1	281 mm
902.0234		3			35°		1	281 mm
902.0220			3		90°		1	317 mm
902.1432				2	45°		1	276 mm
902.0096	3				35°		2	324 mm
902.0222		3			35°		2	324 mm
902.0221			3		90°		2	301 mm
902.026				2	45°		2	346 mm
902.0243	2				35°	●	1	281 mm
902.0168		2			35°	●	1	281 mm
902.0260				2	45°	●	1	316 mm
902.0218			2		90°	●	1	314 mm
902.0245	2				35°	●	2	324 mm
902.0142		2			35°	●	2	324 mm
902.0219			2		90°	●	2	324 mm
902.0250				2	45°	●	2	359 mm
Power input: 3.0 m | With right-angled plug with earthing contact | Including standard mounting brackets and screws								
339.1000	4	35°						268 mm
Power input: 3.0 m | With right-angled plug with earthing contact | Including standard mounting brackets and screws | 1 x switch, 2-pole, blue illuminated								
339.1001	3	35°						268 mm

902.054

902.0234

902.1432

902.0096

339.1000

339.1001

DESK 1 power strips – equipped

#			C	
Power input: GST18i3 plug | Power output: GST18i3 socket | Incl. standard mounting brackets and screws				
339.1004	3	35°	2 x CAT5e RJ45, front: socket/back: socket	284 mm
339.1005	3	35°	2 x CAT5e RJ45, front: socket/back: socket 1 x VGA 15-pin + miniature jack 3.5 mm	296 mm
339.1006	3	35°	2 x CAT5e RJ45, front: socket/back: socket 1 x USB A/A socket	325 mm
339.1002	3	35°		229 mm

339.1004

339.1005

339.1006

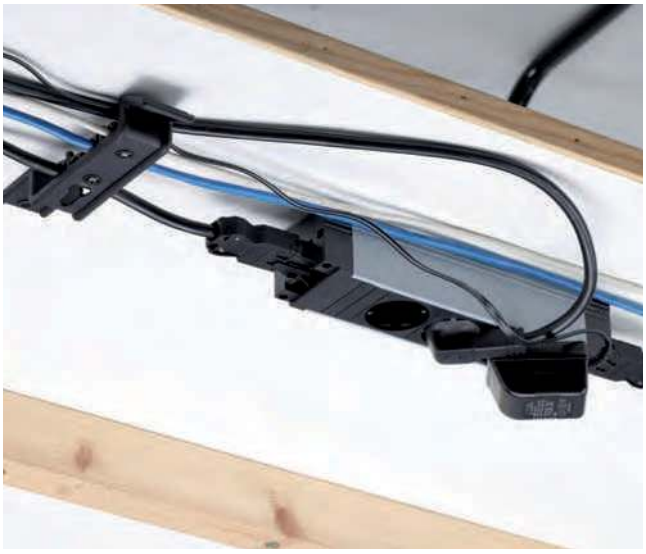
For suitable **device supply cables,** see from page 182.

C For suitable **Custom Modules,** see from page 140.

Pictograms and their meaning can be found on page 279.

DESK 1 – every possibility at your fingertips.

Plug connectors as standard
The standard power connection features a Wieland plug connector in the rear panel and provides both reliable power feed and also flexibility in cable length. The cables can be swapped for longer or shorter power supply cables, for example, if needed. We use Wieland's GST18 plug connector, which is popular all over the world, as standard. This plug connector has a catch mechanism which complies with the relevant standards and can be released again if required. The contacts on the plug connector are safe to touch. A power output socket provides a means of forwarding power to the next module.



Mounting without damage
DESK 1 can be mounted on the edge of a table quickly and easily using a set of mounting brackets. A size 4 Allen key is required in order to tighten the inside screw on the mounting bracket. Mounting does not damage the furniture. You will find a range of mounting brackets and units on this page.

DESK 1 plus STEP combined
The ideal overall solution is a combination of DESK 1 and STEP power strips. DESK 1 provides easy access to power and data connections for various devices (laptop, mobile phone, USB etc.) whilst the STEP power strip under the tabletop supplies power to fixed devices such as a PC, monitor, printer etc. The STEP power strip is screwed in place underneath the top of the desk or table or placed in a duct underneath.
The integrated Wieland connection system allows power strips to be connected in series in compliance with standards.

Accessories

#	
918.001	**Mounting brackets, narrow for tabletop/desktop thickness up to 50 mm** Stainless steel, material thickness 3 mm | Content: 2 stainless steel mounting brackets, 2 M5 x 45 mm Allen bolts
930.120	**Mounting brackets, standard for tabletop/desktop thickness up to 50 mm** Anodised aluminium, material thickness approx. 9 mm | Content: 2 x mounting clamps, anodised aluminium profile, 2 x Allen bolts M5 x 60 mm
930.180	**Mounting brackets, long for tabletop/desktop thickness up to 80 mm** Long mounting bracket 50–80 mm | Content: 2 x mounting clamps, painted black, similar to RAL9011, 2 x M5 x 45 mm Allen bolts, 2 x M5 x 60 mm Allen bolts
930.183	**Chipboard screw for DESK end caps for desktop thicknesses over 15 mm** Content: 2 x screws, 4 x 90 mm, 2 x brass threaded sleeve
930.182	**Mounting plate** Black plastic | Mounting plates for attachment to DESK end caps Content: 2 x mounting plates, 2 x screws, 2 x tesa Powerstrip®

918.001

930.120

930.180

930.183

930.182

CASIA

The universal power strip is an efficient solution providing an easy-to-access power connection in living and work environments, e.g. in the kitchen. The power strip can be mounted in a corner or on the wall.

The cover surface with stainless steel look has a timeless design and is therefore ideally suited to a modern interior. The power strip is available in several versions – for example with a rocker switch or USB double charger.

BENEFITS

- **Supplied with cover for individual adjustment of installation height**
- **Quick and flexible in use**
- **For wall or corner mounting**
- **Suitable for subsequent assembly**
- **Timeless design**
- **Secure installation**

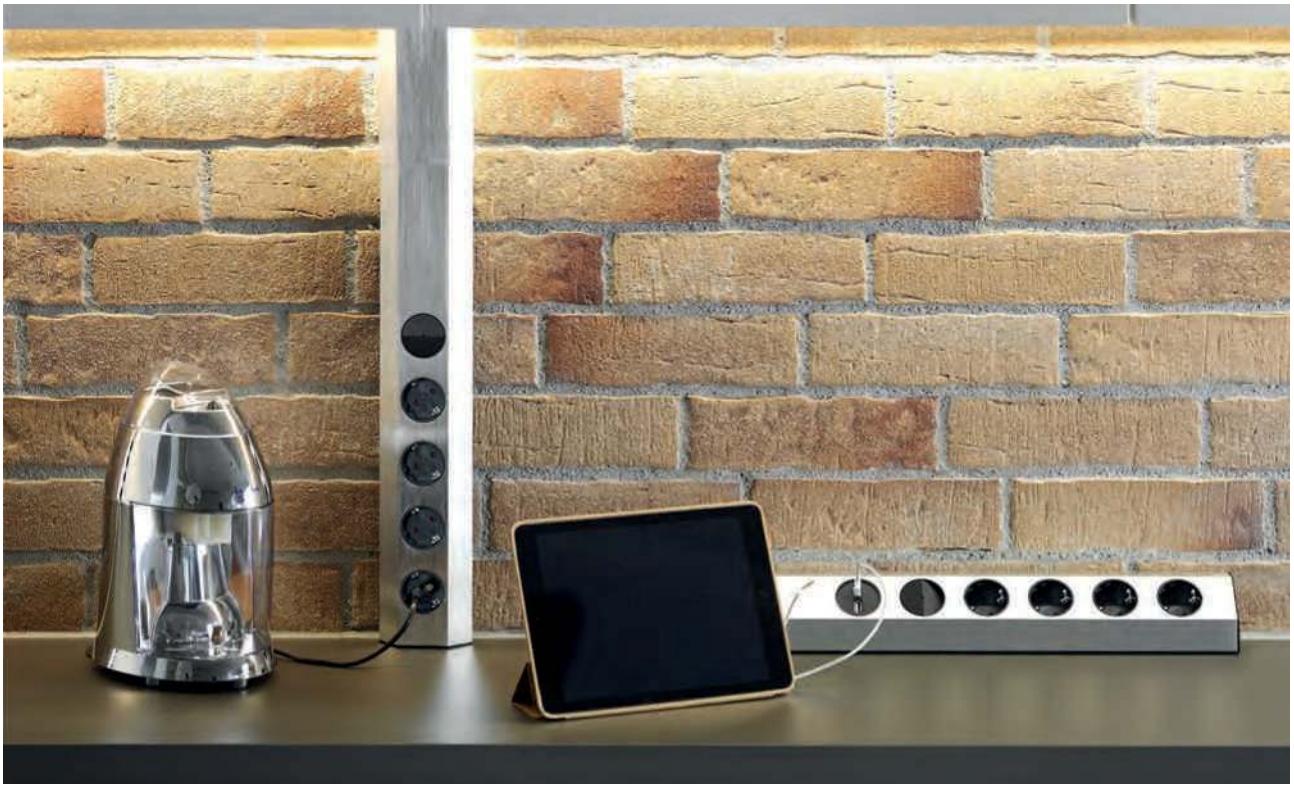
Dimensions (W x H x D): 458 – 580 x 70 x 92 mm
Material: Profile: stainless steel look
Socket colour: black

Colour variants:

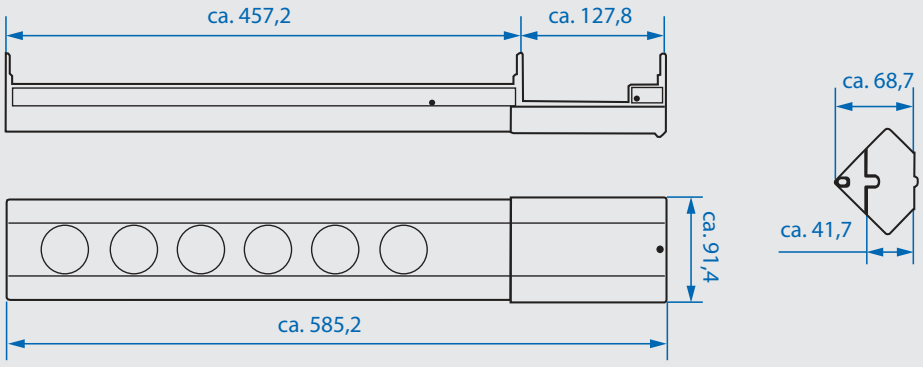
Pictograms and their meaning can be found on page 279.

CASIA power strip

#			
Power input: 2.0 m H05VV-F 3G 1.5 mm² with mounting plug, enclosed			
923.006	4		
923.010		4	
Power input: 2.0 m H05VV-F 3G 1.5 mm² with mounting plug, enclosed | 1 x rocker switch			
923.007	4		
923.008	4		•
923.011		4	
923.012		4	•



Individual adjustment of installation height to your specifications.



Dimensions in mm

LanLight®

Modular installation offering flexible supply to office workstations.

LanLight® combines power, network connectivity, connections to media and even lighting in one modular, multifunctional system. The consistently modular construction lets you adapt and use it flexibly in office environments. The supply system creates order in providing the various connections required at the workplace, and so increases safety. With its clear styling and high-quality materials, it fits harmoniously and unobtrusively into its surroundings.

LanLight®
SMART SUPPLY SYSTEM

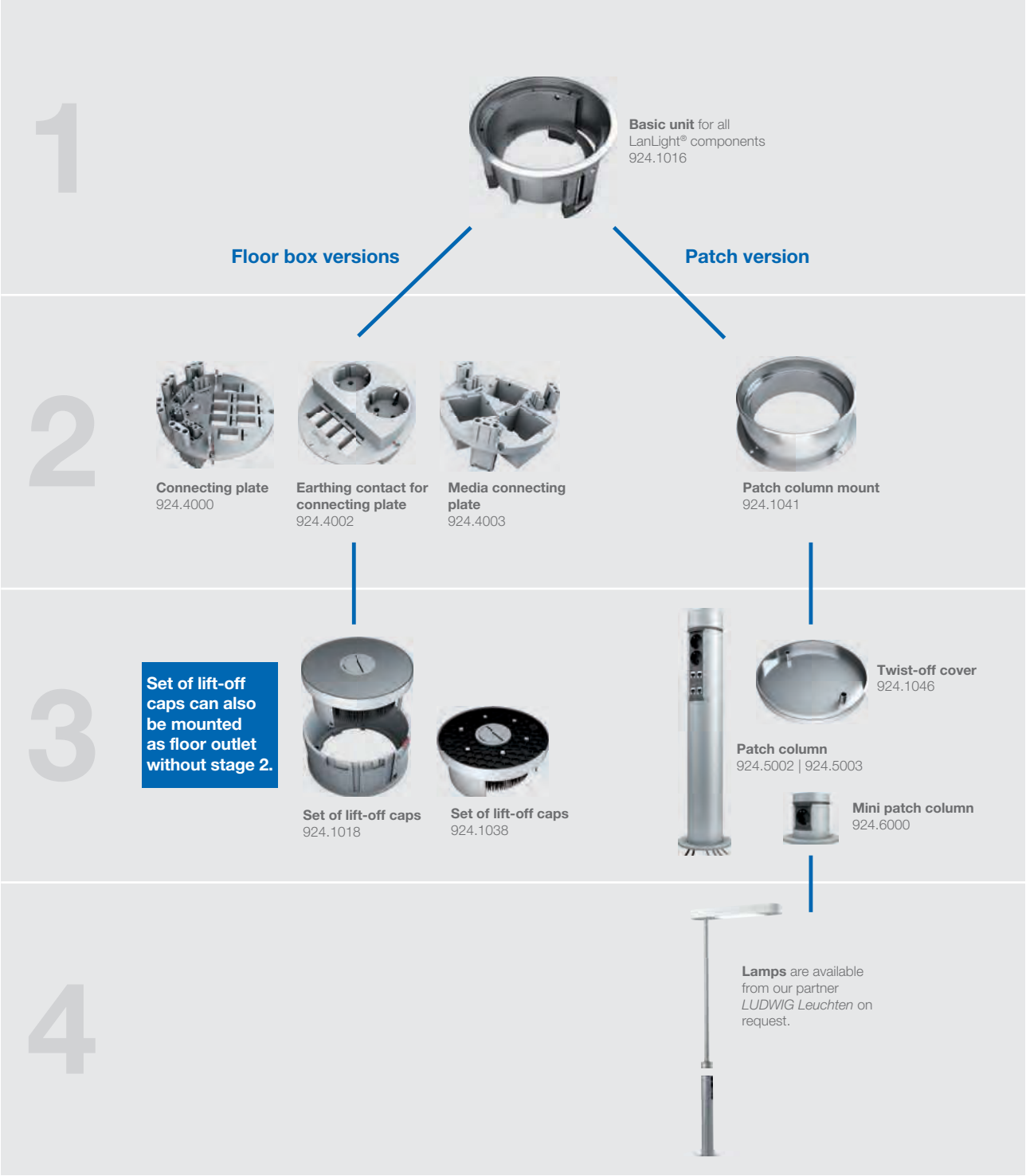
BENEFITS

- **Delivers exactly what is needed to each workstation**
- **Provides power, data and media connections and lighting**
- **Modular and multifunctional – from cable connections to floor box and mobile power columns (with or without light fittings)**
- **Attractive, harmonious visual design**
- **No tangle of cables under the desk**

AWARDS

reddot design award
winner 2011

The LanLight® brand belongs to Bierbrauer Hoff Planungsgesellschaft mbH



Stage 1: LanLight® base unit

#	
Base unit for all LanLight® components | Modular installation box	
924.1016	· Fits into raised and false floors · Fixes in round cut-out with diameter 152 (+1) mm · For floor thicknesses from 25 to 70 mm (min. floor thickness 35 mm for column versions) · Fixed by three clamping claws · Overall height: 97 mm, mounting depth: 93 mm, external diameter: 162 mm · Die-cast aluminium

Pictograms and their meaning can be found on page 279.

Stage 2: LanLight® inserts

#	
Connecting plates for fitting in set of LanLight® lift-off caps	
924.4001	**8P/4S connecting plate with breakout cable and GST18i3 plug** · Accommodates up to 4 Wieland GST15i3 sockets (current) and 8 data jacks (Keystone) · Rear strain relief for power connections · Disengagement aid for Wieland GST15i3 plugs · 4 x Wieland GST15i3 installation socket, fitted, incl. 0.2 m H05VV-F3G 2.5 mm² supply cable to GST18i3 plug · Accommodates up to 8 data jacks (Keystone) · Rear strain relief for power connections · Coded connections (data 1-8, current A-D) · Diameter: 114.8 mm
924.4000	**8P/4S connecting plate for mains connection by client** · Accommodates up to 4 Wieland GST15i3 sockets (current) and 8 data jacks (Keystone) · Rear strain relief for power connections · Disengagement aid for Wieland GST15i3 plugs · Coded connections (data 1-8, current A-D) · 4 x Wieland GST15i3 installation socket · To connect up to 8 data jacks (Keystone) · Diameter: 114.8 mm
924.4009	**Earthing contact unit 4P / 2S with breakout cable and GST18i3 plug** · Accommodates up to 4 data jacks (Keystone) · Rear strain relief for power connections integrated into housing · Coded connections (data 1-4, current A-B) · Including 2 x 0.2 m H05VV-F3G 2.5 mm² supply cable to GST18i3 plug · Diameter: 114.8 mm
924.4002	**Earthing contact unit for 4P / 2S connecting plate for mains supply by client** · To connect up to two phases to the socket outlets with earthing contact · Accommodates up to 4 data jacks (Keystone) · Rear strain relief for power connections integrated into housing · Coded connections (data 1-4, current A-B) · Diameter: 114.8 mm
924.4003	**Media connecting plate for 3 x Custom Module and 3 x power for mains connection by client** · To connect up to 3 Wieland GST15i3 sockets (power) and 3 BACHMANN Custom Modules · Rear strain relief for power connections · 3 x Wieland GST15i3 installation socket · Disengagement aid for Wieland GST15i3 plugs · Coded connections (Custom Modules 1-3, current A-C) · Diameter: 114.8 mm
924.4004	**Media connecting plate for 3 x Custom Module and 3 x power with breakout cable and GST18i3 plug** · Accommodates up to 3 BACHMANN Custom Modules · 3 x Wieland GST15i3 installation socket, fitted, incl. 0.2 m H05VV-F3G 2.5 mm² supply cable to GST18i3 plug · Rear strain relief for power connections · Disengagement aid for Wieland GST15i3 plugs · Coded connections (Custom Modules 1-3, current A-C) · Diameter: 114.8 mm
Patch column mount	
924.1041	**Patch column mount** · Used to directly mount the LanLight® columns · For 924.5002, 924.5003 and 924.6000

K For suitable **Keystones,** see from page 143.

C For suitable **Custom Modules,** see from page 140.

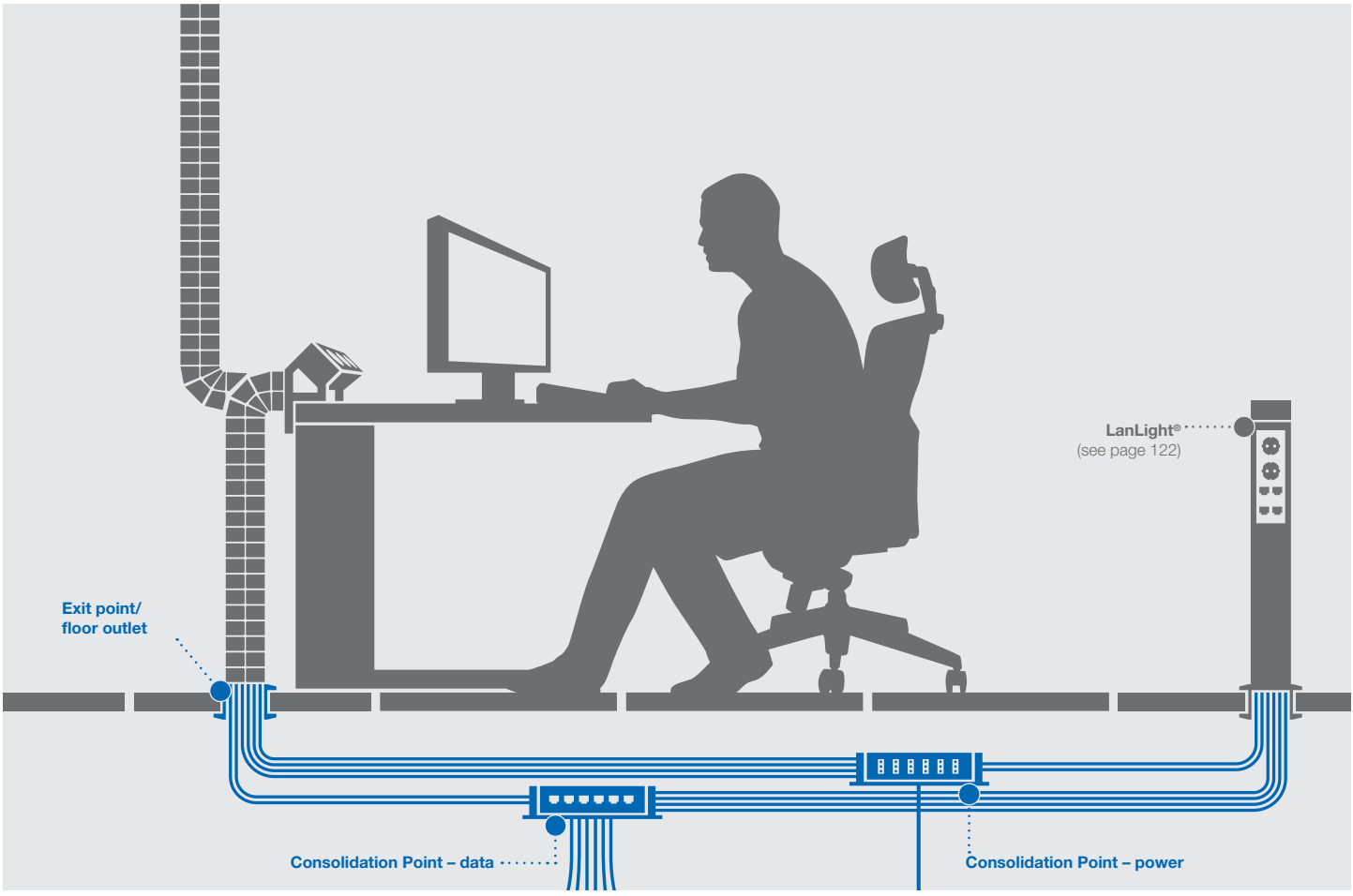
Stage 3: Lid variants

#	
Lift-off cap set for installation in the modular installation box	
924.1018	**Lift-off lid set with stainless steel inlay** · Two positions: open during use/closed when not in use · With catch mechanism when open · With dust protection as cable bushing · With labelling card for connections · With stainless steel inlay · Insert Ø: internal 49 mm, external 142 mm · Lift-off lid Ø 146.4 mm, cap guide Ø 128.8 mm
924.1038	**Lift-off lid set 5 mm / 8 mm** · Two positions: open during use/closed when not in use · With catch mechanism when open · With dust protection as cable bushing · With labelling card for connections · For gluing into dry surfaces with thicknesses of 5 mm or 8 mm (e.g. carpet, laminate) · Insert Ø: internal 49 mm, external 142 mm, lining depth 5 mm or 8 mm · Lift-off lid Ø 146.4 mm, cap guide Ø 128.8 mm
Twist-off cover to screw onto cone to hold column	
924.1046	**Twist-off lid for 12 mm inlay** · Lid to close modular installation box with cone (924.1016, 924.1041) · Water-resistant · For inlay (e.g. stone/tiles) with approx. thickness 12 mm · Incl. mounting wrench and sleeves · Insert Ø: internal 139 mm

Stage 3: LanLight® extension units

#	
Column for 1-2 workstations	
924.5002	**4P / 2S patch column, one-sided** · Simple mounting on the LanLight® conical holder (924.1041) · 2 socket outlets with earthing contact (2 phases) and 4 CAT6a jacks (Keystone) · Coded connections (data 1-4, current A-B) · 2 x 6 m H05VV-F3G 2.5 mm² power supply cable to Wieland GST18i3 plug · 4 x 6 m data cables, CAT6a jack to CAT6a plug · Sockets: 2-pole with earthing contact, 16 A / 3680 W, AC 250 V, IP20, black · Column can be expanded by adding a LanLight® system lamp · Column material: extruded aluminium, powder-coated, silver-grey, similar to RAL9006 · Height 640 mm, diameter 95 mm
Column for 3-4 workstations	
924.5003	**Patch column 8P / 4S, two-sided** · Simple mounting on the LanLight® conical holder (924.1041) · 4 socket outlets with earthing contact (2 phases) and 8 CAT6a jacks (Keystone) · Coded connections (data 1-8, current A-D) · 4 x 6 m H05VV-F3G 2.5 mm² power supply cable to Wieland GST18i3 plug · 8 x 6 m data cables, CAT6a jack to CAT6a plug · Sockets: 2-pole with earthing contact, 16 A / 3680 W, AC 250 V, IP20, black · Column can be expanded by adding a LanLight® system lamp · Column material: extruded aluminium, powder-coated, silver-grey, similar to RAL9006 · Height 640 mm, diameter 95 mm
Mini column	
924.6000	**Mini patch column 2S** · Mini patch column for simple mounting on the LanLight® conical holder (924.1041) · 2 socket outlets with earthing contact (2-phase) · Coded connections (current A-B) · 30 mm surge water protection · 2 x 0.2 m breakout cable H05VV-F3G 2.5 mm² and GST18i3 plug including GST T-piece · Sockets: 2-pole with earthing contact, 16 A / 3680 W, AC 250 V, IP20, black · Column material: extruded aluminium, powder-coated, silver-grey, similar to RAL9006 · Height 150 mm, diameter 95 mm

Pictograms and their meaning can be found on page 279.



Consolidation Point

BACHMANN's new system for under-floor distribution and installation, based on the MUTO (multi-user terminal outlet) concept, offers a coherent and simple installation solution that brings power and data to the desktop.

The Consolidation Points for power and data are linked to the floor distributor in the conventional way. Floor outlets and multiple socket strips from the BACHMANN Facility range complete the installation kit. Downstream of the Consolidation Point, the floor outlet allows power and data to be conveyed to the workplace with ease. This dispenses with complicated and inflexible installations such as traditional floor box systems.

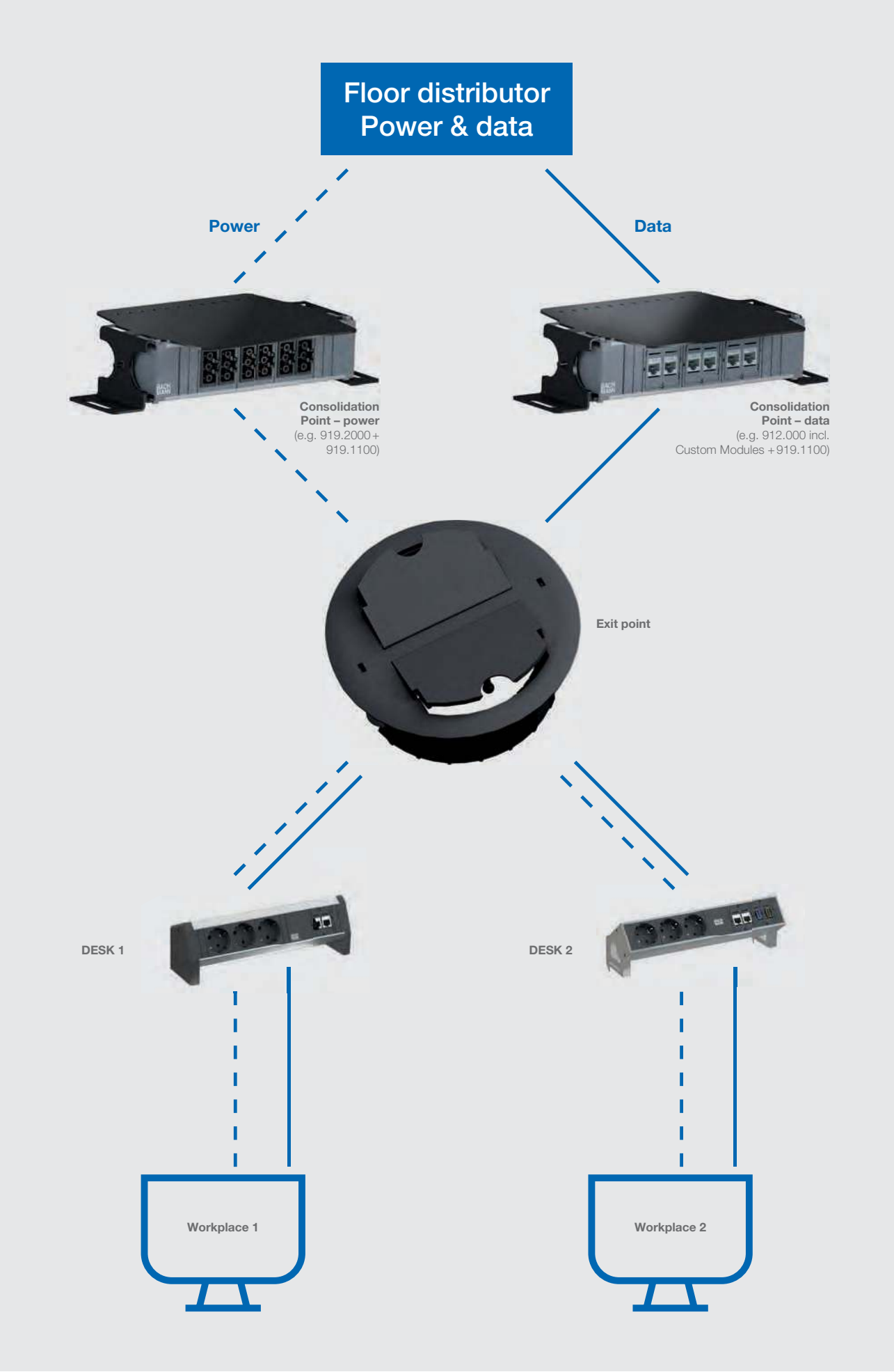
Thanks to the "open-office cabling", Consolidation Point and MUTO concepts, the network installation is flexible, future-proof and – at the same time – cost-optimised. The combination of power and data connections can be found in various BACHMANN connection panels. They thus offer a user-oriented unit providing all necessary connections.

In our full catalogue, you can also find various multiple socket strips for mounting on top of or fitting into office workstation desks. All versions can be configured as required and supplied ready for use.

BENEFITS

- **Modern under-floor distribution systems for conveying power and data with ease**
- **Flexible and future-proofed alternative to inflexible floor-boxes**
- **Time-based installation on site**

For suitable **power strips,** see from page 128.


Floor distributor
Power & data
Power
Data
Consolidation Point – power (e.g. 919.2000 + 919.1100)
Consolidation Point – data (e.g. 912.000 incl. Custom Modules + 919.1100)
Exit point
DESK 1
DESK 2
Workplace 1
Workplace 2

Consolidation Point units for power

- Fully wired and electrically tested ex factory
- Power connections with plug connector systems from Wieland (Gesis GST); Wago (Winsta) versions available on request
- Other plug connector systems can be integrated if required
- Time-optimised installation on site
- Future-proof thanks to flexible installation / expansion

#	
Large | Length: 356 mm	
919.2002	12-way GST18i3 socket, black, 1-phase Power input: GST18i3
919.2003	2 x 6-way GST18i3 socket, 2-phase Sockets in black and red Power input: GST18i3
919.2004	3 x 4-way GST18i3 socket, 3-phase Sockets in black, red and grey Power input: 3 x GST18i3
919.2005	3 x 4-way GST18i3 socket, 3-phase Sockets in red, black and grey Power input is via the end cap with rewirable terminal to allow connection by user
Small | Length: 217 mm	
919.2000	6-way GST18i3 socket, black, 1-phase Power input: GST18i3
919.2001	2 x 3-way GST18i3 socket, 2-phase Sockets in black and red Power input: GST18i3

Consolidation Point units for data

- Without power, to integrate BACHMANN Custom Modules
- Anodised aluminium profile
- Various manufacturers' systems can be integrated
- Easy to install and future-proof thanks to modular structure
- Should a change be necessary, only the data connector unit has to be changed
- Mounting and unit remain unchanged
- Additional strain relief for data connection can be provided with cable ties

#	
Large | Length: 356 mm	
912.001	6 x Custom Modules, empty Long: 356 mm
Small | Length: 217 mm	
912.000	3 x Custom Modules, empty Short: 217 mm

C For suitable **Custom Modules,** see from page 140.

Consolidation Point mounting

· Black, similar to RAL9005
· Mounting material: steel sheet
· Mountings with secure, tool-free clip-in and release mechanism
· Anchors firmly on the floor with integrated screw-on brackets
· Mountings with extra step protection of approx. 200 kg incl. Consolidation Point unit
· Raised position of Consolidation Point units for greater protection in case of minor ingress of water
· Can be equipped on both sides

#	
Large	
919.1101	Long (for units with 6 modules)
Small	
919.1100	Short (for units with 3 modules)

919.1101

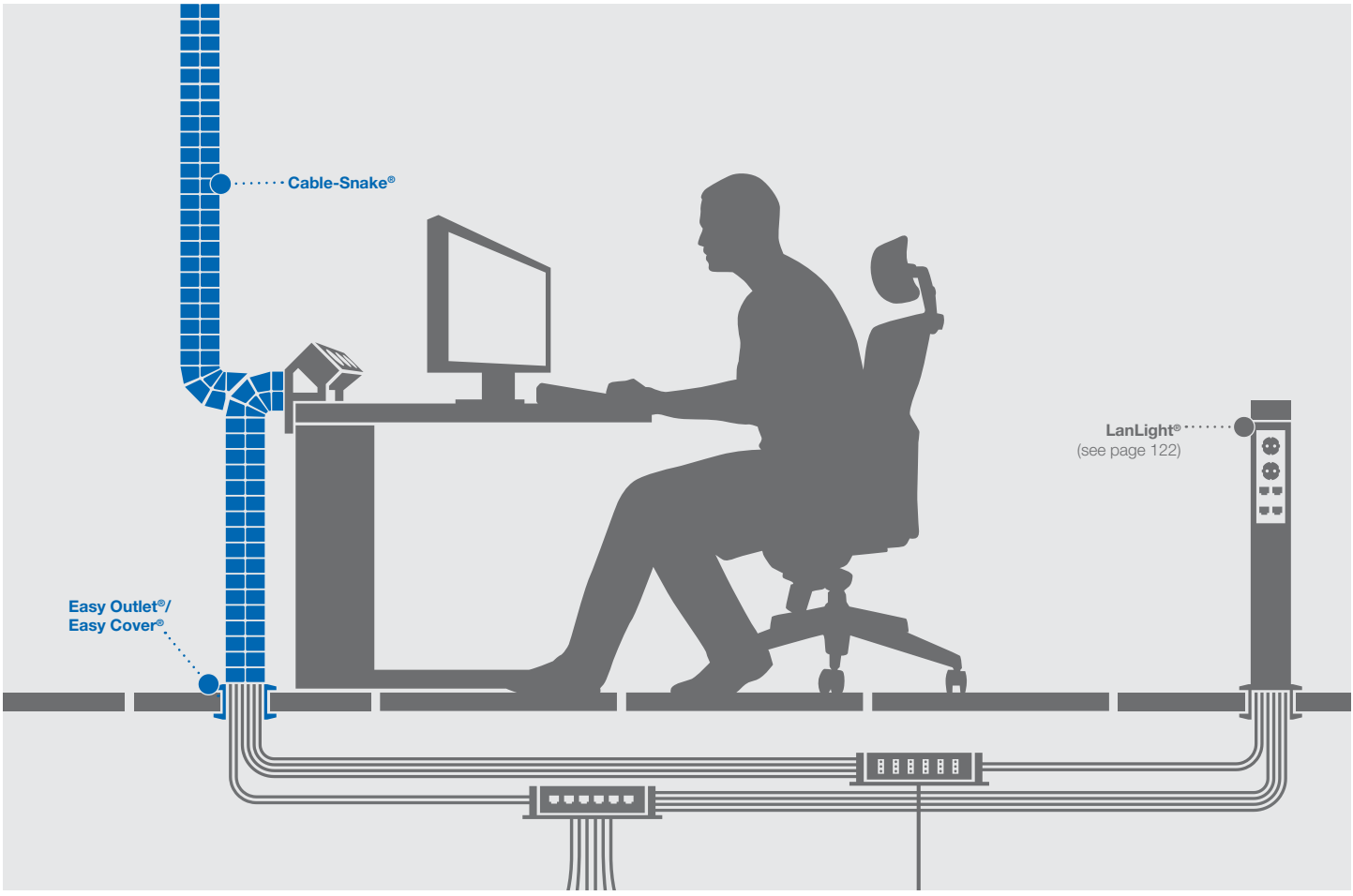
919.1100

Floor outlet for dry-maintained floors

Outlet for dry-maintained floors (raised and false floors) with thickness from 24 mm for the cable outlet from the sub-floor (Consolidation Point) to the power strip on the desk. The outlet features a very simple universal fixing. With one rotation of each of the two eccentric allen bolts in the outer ring, the outlet is anchored firmly into the floor, yet can easily be removed again if required. Two flaps, each of which can be opened to a position independent of the other, allow cabling to be routed out from the floor. The flaps can be snap-fastened in open positions, thus preventing cables becoming bent and possibly damaged. If required, the flaps can be rotated through 130° with the inner ring. Textile-fibre sleeves or cable guide systems from the BACHMANN range can be docked to the outlet flaps. If the outlet is no longer used, the flaps can be lowered and used as a blank cover that can be stepped on.
· Exit point/ground outlet for power supply lines and data lines
· Fits in raised floors with thicknesses from 24 mm
· For hole diameter 112 mm
· Simple fixing mechanism with allen bolts
· 2 flaps, rotatable though approx. 130°, for cable outlet
· Material of floor outlet: polyamide (halogen free)

#	
Exit point/floor outlet	
919.1000	Black (similar to RAL9005)

919.1000



Cable management

BACHMANN banishes unwieldy cables from workstations. The CABLE-SNAKE® cable system optimises cable routes in the workplace between the desk, floor box, wall duct and various devices.

BACHMANN can offer the best cable system for every situation. Whether the cables run along the floor or are routed from the floor to the desk, the various systems are mutually compatible. A well-thought-out and integrated cable management concept is available to you.

The various systems are available finished in black and silver as standard, but we can provide custom colours on request.

BENEFITS

- **Cable guide system without the risk of breaks and crushing**
- **Connections for furniture, floor and ceiling**
- **Textile-fibre sleeves to bundle and protect cables and wires**

 Pictograms and their meaning can be found on page 279.

Flexible cable guide system

- The links are safe to step on and break-proof, and to each other adjustably arranged.
- The power strip is earthed independently of the installation
- 2 connector shoulders for the transmission of forces, including torques and lateral forces
- Special geometry enables individual cables to be unfurled through the sides of the links without risking crushing

#	

Cable-Snake® Classic | Horizontal and vertical cable guide | 3-chamber system to separate low-current, data and power cables | 46 chain links, W x H: approx. 53 x 23 mm | Length when (separated): approx. 100 cm, (pushed together): approx. 72 cm

930.030	Black
930.031	Silver

Cable-Snake® Cube | Horizontal and vertical cable guide | 2-chamber system to separate data and power cables | 34 chain links, W x H: approx. 55 x 25 mm | Length (separated): approx. 100 cm, (pushed together): approx. 69 cm

930.058	Black
930.059	Silver

Cable-Snake® Pro | Horizontal and vertical cable guide | Increased resistance to being stepped on, even in the vicinity of junctions 5 chain links can withstand short-term loads of up to 120 kg | 2-chamber system to separate data and power cables | Can also be connected directly to Cable-Snake® Classic | 34 chain links, W x H: approx. 90 x 24 mm | Length (separated): approx. 100 cm, (pushed together): approx. 70 cm

930.032	Black
930.033	Silver

Cable-Snake® Premium Set | Vertical cable guide | Stylish premium set: 16 chain links, W x H: approx. 70 x 35 mm | 1 x metal base plate in appropriate colour | 1 x table/desk attachment in appropriate colour | The chain links can be pushed together completely to form a self-locking, elliptical cable duct. | 2-chamber system to separate data and power cables | Length including base plate and table/desk attachment approx. 78 cm | Length without accessories approx. 75 cm | Length (pushed together): approx. 59 cm in the set

930.049	Black
930.050	Silver

Cable-Snake® Quadro Set | Vertical cable guide | Functional set with a strong design element: 23 quadratic chain links, W x H: approx. 45 x 45 mm | 1 x metal base plate in appropriate colour | 1 x table/desk attachment in appropriate colour | The Quadro system is very stable and can therefore be used for ceiling-based installations for room heights of up to approx. 5 metres. | 2-chamber system to separate data and power cables | Length including base plate and table/desk attachment approx. 76 cm

930.016	Black
930.017	Silver

Cable-Snake® Quadro | As addition to Quadro set article no. 930.016 and 930.017 | For seating/standing combinations (height-adjustable) or desk/table heights from 75 cm and for ceiling suspensions | 32 links, length approx. 100 cm

930.018	Black
930.019	Silver

Cable-Snake® FLEX II Set | Vertical cable guide | 38 chain links, W x H: approx. 55 x 22 mm | 1 x metal base plate in appropriate colour | 1 x table/desk attachment in appropriate colour | 2-chamber system to separate data and power cables and for ceiling suspensions | Length including base plate and table/desk attachment approx. 75 cm

930.022	Black
930.023	Silver

Cable-Snake® FLEX II | As addition to set article no. 930.022 and 930.023 | For seating/standing combinations | 54 links, length approx. 100 cm

930.020	Black
930.021	Silver

Plug in, shorten, lengthen
– totally tailored to your needs.

Pictograms and their meaning can be found on page 279.

Furniture connection

#	
Easy-Bridge® for carpet | Aluminium floor duct, can be stepped on, length 100 cm | The Cable-Snake Pro® can be connected directly	
930.027	Silver
Easy-Bridge® for smooth floors | Aluminium floor duct, can be stepped on, length 100 cm | The Cable-Snake Pro® can be connected directly	
930.028	Silver
Easy-Steel® mounting bar	
930.024*	Length 750 mm, diameter 5 mm
Easy-Desk-3G® | Easy-Steel® mounting bar fastening	
930.025*	Silver
Easy-Connect® | Universal coupling	
930.026*	Silver
Easy-Desk-2B® | Adapter for vertical connections on furniture | Can be combined with Easy-Stop® and Easy-Steel® Includes two 4 x 12 mm screws	
930.029	Black
930.090	Silver
Easy-Stop-2B2K® | 3-part cable strain relief for Cable-Snake® Classic, Cube and Pro | Can be combined with Easy-Desk-2B® and Easy-Steel® | Includes clamping screws	
930.091	Black
930.092	Silver
E-Cube-K-540® power column for supply of power and data	
930.166	To hold sockets indoors (e.g. article no.: 333.0122) | Material: anodised aluminium/plastic | Dimensions: Height approx. 54 cm/cover approx. 22.3 x 22.3 cm/base approx. 24 x 24 cm | Hole diameter 80 mm including Easy Outlet® telescopic lid

930.027
930.024

930.025

930.025

930.090

930.092

930.166

Floor connection

#	
Easy-Outlet® floor unit | Floor level installation unit | Tight-braced fastening | Suited to dry-maintained raised and false floors	
930.098*	Black
930.099*	Silver
Easy-Cover® telescopic cover for floor unit | Telescopic cover set for Easy-Outlet® floor unit	
930.100*	Black
930.137*	Silver

930.137
930.099

 Pictograms and their meaning can be found on page 279. * No storage type

Floor connection

#	
Easy-Cover-I® | System attachment for floor unit | Connection for 1 x Cube, Pro, Classic or Flex | Material: PP for use in floor outlet	
930.138*	Silver
Easy-Cover-II® | System attachment for floor unit | Connection for 2 x Cube, Pro, Classic or Flex | Material: PP for use in floor outlet	
930.139*	Silver
Easy-Cover-Quadro® | System attachment for floor unit | Connection for 1 x Cable-Snake® Quadro | Material: PP for use in floor outlet	
930.164*	Black
Easy-Cover-Premium® | System attachment for floor unit | Connection for 1 x Cable-Snake® Premium | Material: PP for use in floor outlet	
930.165*	Black
Easy-Switch® distributor | For Cable-Snake® Classic, Cube and Pro | 3-way distributor | Includes 4 coupling links of Cable-Snake® Cube	
930.034*	Black
930.035*	Silver
Easy-Switch® distributor including vertical connection for Cable-Snake® Premium | For Cable-Snake® Classic, Cube and Pro | 4-way distributor with fixing screw and base plate | Includes 4 coupling links of Cable-Snake® Cube	
930.057*	Black
Easy-Cap® | Cover cap for Easy-Switch connections that are not needed	
930.044*	Black
930.045*	Silver
Easy-Clip-S® | Floor outlet adapter for all common floor outlets | For Cable-Snake® Classic	
930.036*	Black | L x W: approx. 86 x 47 mm
Easy-Clip-L® | Floor outlet adapter for all common floor outlets | For Cable-Snake® Pro and Cube	
930.054*	Black | L x W: approx. 91.5 x 51 mm

930.138

930.139

930.164

930.165

930.034

930.057

930.036

Ceiling connection

#	
Easy-Cover-I® | System attachment with low transmission of force to suspended ceilings | Connection for 1 x Cube, Pro, Classic or Flex | Material: POM for suspended ceilings	
930.094*	White
Easy-Cover-Quadro® | System attachment with low transmission of force to suspended ceilings | Connection for 1 x Cable-Snake® Quadro | Material: POM for suspended ceilings	
930.096*	White
Easy-Cover-Premium® | System attachment with low transmission of force to suspended ceilings | Connection for 1 x Cable-Snake® Premium | Material: POM for suspended ceilings	
930.097*	White

930.094

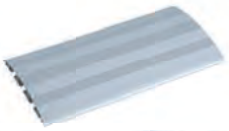
930.096

930.097

CABLE BRIDGE – the cable duct

- W x H 146 x 19 mm
- Anodised aluminium profile, rippled for anti-slip effect
- 3-chamber system allowing power and data cables to be routed separately
- Can be fixed (with double-sided tape) or screwed into place on the floor (see fixing accessories)

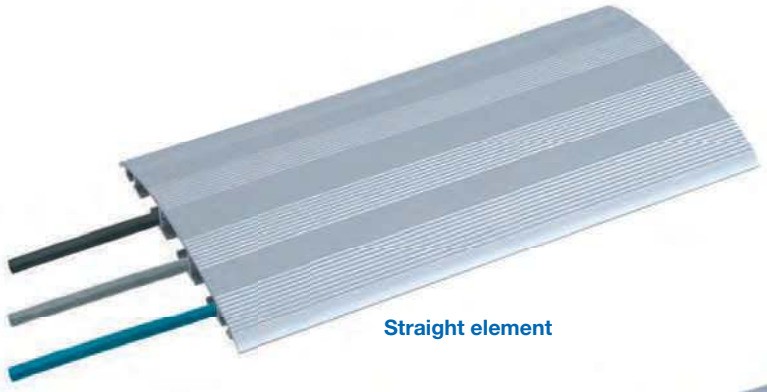
#	
Straight element	
930.060	1.0 m
930.061	2.0 m
Angled element	
930.062	45°
930.063	90°
Linking element | For linking straight elements | Screws into place with integral Allen bolts	
930.064	Contents: 2 units
Fixing accessories | For screwing down cable ducts at the ends	
930.065	Contents: 4 units

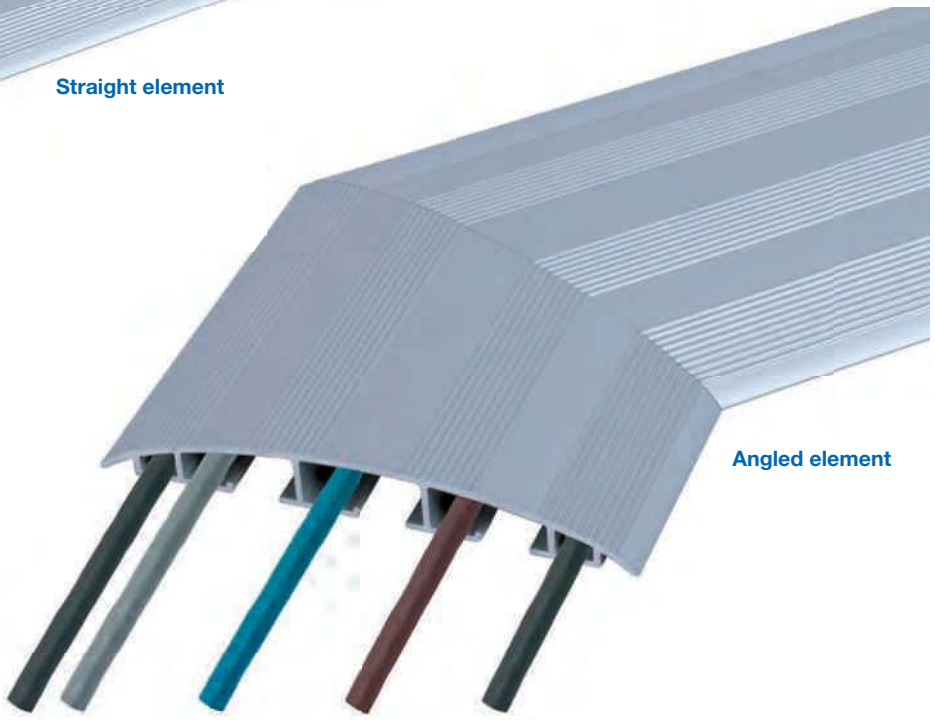

930.060

930.062

930.064

930.065


Straight element


Angled element

 Pictograms and their meaning can be found on page 279.

Automatic wrap

· Simple installation with low costs and low labour input
· More flexible than coiled or wound solutions
· 25 % overlap for secure cable bundling
· Resistant to chemicals and solvents
· Halogen-free
· Resistant to cuts and abrasions
· Retains its shape within operating temperature range -75 °C to +125 °C

#	
Diameter 2.54 cm = 1 inch | Black	
930.900	1.0 m
930.901	2.0 m
930.902	3.0 m
Diameter 5.08 cm = 2 inches | Black	
930.903	1.0 m
930.904	2.0 m
930.905	3.0 m

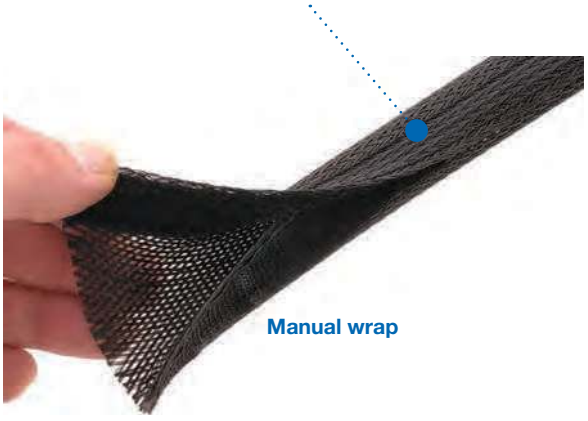
Manual wrap

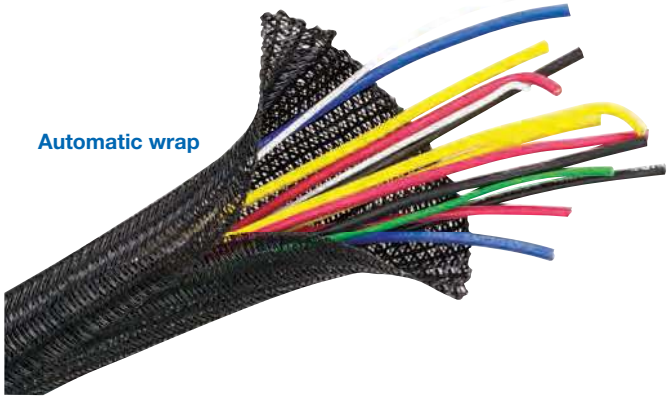
· Strong Velcro fastener for frequent access
· Can be stretched over plugs and connections
· Halogen-free
· Resistant to chemicals and solvents
· Melting point ~230 °C

#	
Diameter 3.18 cm = 1 ¼ inch | Black	
930.906*	1.0 m
930.907*	2.0 m
930.908*	3.0 m
Diameter 5.08 cm = 2 inches | Black	
930.909*	1.0 m
930.910*	2.0 m
930.911*	3.0 m

Wrap textile-fibre sleeves bundle and protect cables and wires in office and home environments.

The elastic braided sheath with its monofilament fibres assures fire- and abrasion-resistance and is thus also ideal for professional and industrial use.





* No storage type

Pictograms and their meaning can be found on page 279.

Cable glands

The BACHMANN cable glands now makes it even easier to access sockets etc. under the tabletop: The product, available in an elegant, silver-anodised design, can be quickly and easily inserted into your desk cut-out in the mounting frame and provides access to the standard cable trays already fitted under the desktop.
Cables can be very easily routed through the opening: this is also possible when it is closed thanks to the black brush insert.

BENEFITS

- **Simple and elegant cable guide**
- **Can be used in any office environment due to simple, modern design**
- **Also suitable for system cables due to the lock**

Rectangular:
Dimensions (W x H): *see table* x 120 mm
Mounting depth: 25 mm
Material: aluminium
Table cut-out dimensions: 113 / 233 / 353 x 113 mm

Colour variants:

Round:
Mounting depth: 21 mm
Mounting diameter: 80 mm
Contact surface diameter: 88 mm
Material: zinc die-cast alloy (Zamak)

Colour variants:

Cable glands – rectangular

· Simple, elegant flap solution
· Integrated soft-close function with quiet closing makes for inconspicuous handling
· Can be used in any office environment thanks to sleek, modern design
· Rounded edges permit CNC machining of the desktop/tabletop
· Aluminium, silver-anodised with straight hinged lid and integrated brush strip, black

#	
930.310	Width: 120 mm
930.320	Width: 240 mm
930.330	Width: 360 mm

930.310
930.320

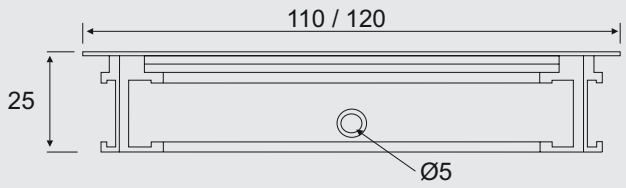
Cable glands – round

· Simple and elegant cable guide; also suitable for thick, rigid cables thanks to the lock
· Highly versatile as it fits all 80 mm holes
· Flexible, can also be fitted on the side
· Lockable lid and integrated brush strip, black

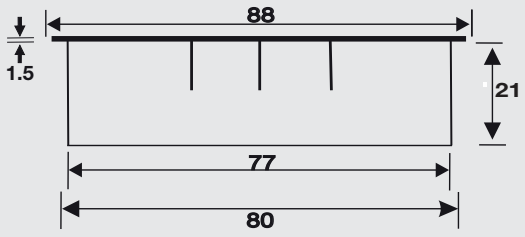
#	
930.300	Grey metallic (similar to RAL9006)
930.301	Stainless steel look
930.302	Black (similar to RAL9005)
930.303	White (similar to RAL9016)

930.300 930.301
930.302 930.303

Rectangular



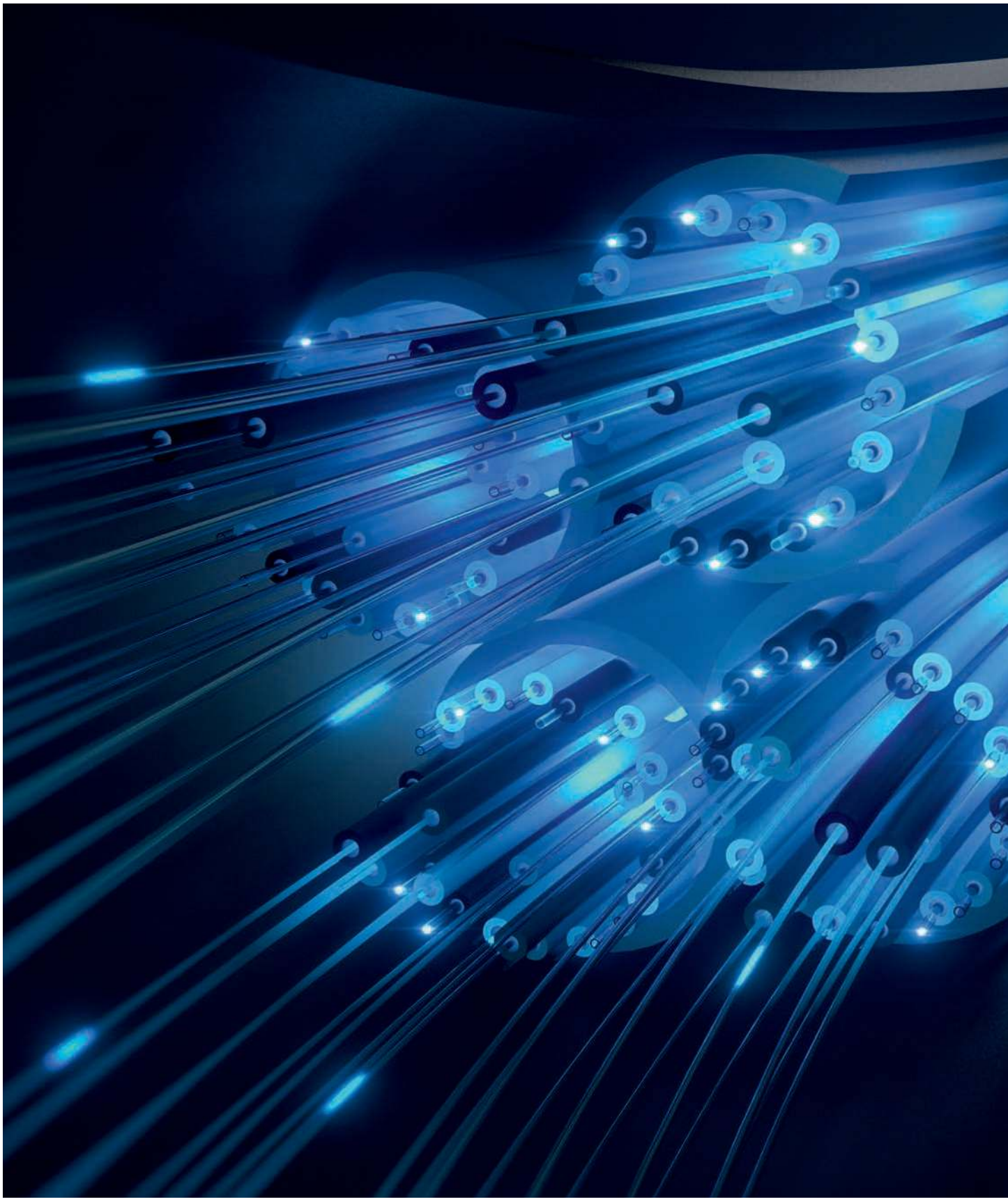
Round



Dimensions in mm

The rectangular cable bushing can be combined with BACHMANN STEP and UNIVERSAL power strips.

Network and media technology



Custom Modules

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Data transmission 154
Power transmission 154
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Accessories 161

Active media technology components

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Custom Modules – individual solutions

BACHMANN Custom Modules are the central components of video, audio and network connections. Their construction offers you simple and flexible installation in various applications, such as an office environment, but also in rack and electrical installations.

With the easy-to-swap modules, you can create units to meet the individual data, video and audio connection requirements of your customers quickly and simply.

BACHMANN also offers this flexibility for 19" panel installations. The standard Custom Modules facilitate optimal configuration for every media and network connection requirement. Here, socket/socket or screw-terminal connections also provide great simplicity of installation.

When it comes to electrical installations, BACHMANN Custom Modules are another outstanding addition. Few components make the Custom Modules compatible with the current switch ranges of reputable manufacturers. Simple mounting and removal mean that all installations can be quickly adapted to changed requirements or brought up to the current state of the art.

BENEFITS

- **Individual equipment options**
- **Interchangeable modules keep your equipment up-to-date**
- **Simple and flexible installation**

Data, video and audio connections **entirely according to your wishes.**

Variant 1: Custom Module fully equipped

You will find **19" Custom Module panels 1.5 U** art. no. 903.003 on page 35.

Variant 2: Custom Module with Keystone mount

You will find **19" Custom Module panels 1.5 U** art. no. 903.003 on page 35.

Keystones

Keystones socket/socket

#	
940.044	**CAT6 coupling socket/socket** | Type: METZ CONNECT E-DAT | Front: RJ45 (Keystone fixing), back: RJ45 (E-DAT mounting) | Shielded
940.083	**CAT6 coupling socket/socket** | Front: RJ45 (Keystone fixing), back: RJ45 (Keystone fixing) | Shielded
940.112	**CAT6 coupling socket/socket** | Front: RJ45 (Keystone fixing), back: RJ45 (Keystone fixing) | Unshielded
940.057	**CAT5e coupling socket/socket** | Front: RJ45 (Keystone fixing), back: RJ45 (Keystone fixing) | Shielded
940.085	**ISDN RJ12 socket/socket** | Front: RJ12 (Keystone fixing), back: RJ12 (Keystone fixing) | Unshielded

940.044

940.083

940.112

940.057

940.085

Keystones socket/supply cable

#	
918.033	**CAT6a 10 GB patch cable plug/socket 3.0 m** | Front: Socket RJ45 CAT6a TKM 10GB | Black cable with RJ45 plug | Shielded
918.034	**CAT6a 10GB patch cable plug/socket 5.0 m** | Front: Socket RJ45 CAT6a TKM 10GB | Black cable with RJ45 plug | Shielded
918.035	**CAT6a 10GB socket TKM** | CAT6a connector socket TKM 10GB | Without cable (designed for tool-free connection of data cable) | Shielded

918.033

918.035

Keystones for media technology

#	
918.041	**1 x HDMI 2.0** | Front: HDMI socket | Back: HDMI socket without cable | Approx. 85 mm required mounting depth | Transmission possible up to a resolution of 3840 x 2160 px | Black
917.157	**1 x 3.5 mm miniature jack** | Front: 3.5 mm stereo miniature jack socket | Back: 3.5 mm stereo miniature jack socket with approx. 0.2 m cable | Requires approx. 65 mm mounting depth | Black
917.214	**1 x Mini DisplayPort** | Front: Mini DisplayPort socket | Back: DisplayPort plug with approx. 0.5 m cable | Requires approx. 85 mm mounting depth | Black

918.041

917.157

917.214

For suitable data cables, see the Accessories section.

For suitable **Custom Modules with Keystone mount,** see page 145.

USB 3.0 Keystones

· Requires approx. 85 mm mounting depth
· Black

#	
917.400	**USB 3.0 A/B USB** | Front: USB A socket | Back: USB B socket
917.401	**USB 3.0 B/A** | Front: USB B socket | Back: USB A socket
917.120	**USB 3.0 A/A (straight-through)** | Front: USB socket A | Back: USB socket A

917.400

917.401

917.120

Keystones OWG

· Keystone fixing

#	
918.071	OWG-LC duplex coupling
918.073	OWG-ST duplex coupling
918.045	TOSLINK optic fibre audio coupling
918.072	OWG-SC coupling
918.074	OWG-MT-RJ coupling

918.071

918.073

918.045

918.072

918.074

C For suitable **Custom Modules with Keystone mount,** see page 145.

Keystone mount

Custom Modules with Keystone mount

#	
2 x Keystone	
917.000	Black module | with mount for 2 Keystones
917.158	White module | with mount for 2 Keystones
1 x Keystone	
917.001	Black module | with mount for 1 Keystone module
917.159	White module | with mount for 1 Keystone module
2 x Keystone with metal holder	
917.061	Black module | with mount for 2 Keystones | Keystone mount with metal holder on rear of cover for high mechanical stress
1 x Keystone with metal holder	
917.062	Black module | with mount for 1 Keystone module | Keystone mount with metal holder on rear of cover for high mechanical stress
2 x METZ CONNECT E-DAT module CAT6	
917.038	Module with cut-out for 2 x Keystone module (not included) | Note: modules protrude beyond the frame
1 x METZ CONNECT E-DAT module CAT6	
917.006	Module with cut-out for 1 x Keystone module (not included) | Note: modules protrude beyond the frame
1 x Systimax CAT6	
917.003	Module with cut-out and mounting plate for 1 x Keystone module (not included) | Note: modules protrude beyond the frame
1 x RDM CAT6	
917.005	Module with cut-out and mounting plate for 1 x Keystone module (not included) | Note: modules protrude beyond the frame
1 x BKS	
917.153	Module with cut-out for BKS data connections (not included) | Note: modules protrude beyond the frame
1 x Panduit CAT6	
917.007	Black module with cut-out and mounting plate for 1 x Keystone module (not included) | Note: modules protrude beyond the frame
2 x Tera CAT7	
917.039	Black module with cut-out for 2 x Tera CAT7 (not included) | Note: modules protrude beyond the frame
1 x Tera CAT7	
917.008	Black module with cut-out for 1 x Tera CAT7 (not included) | Note: modules protrude beyond the frame

All Custom Modules are supplied with 2 x Torx T6 screws. See the glossary for detailed information on use/application.

For suitable **Keystones,** see from page 143.

Compatibility of Keystone / Custom Module with Keystone mount

Manufacturer / product designation	917.000	917.001	917.061	917.062	917.038	917.006	917.003	917.007	917.005	917.008	917.039	917.153
BACHMANN version												
CAT6 coupling, shielded; art. no.: 940.044	●	●	●	●								
CAT6 coupling, unshielded; art. no.: 940.112	●	●										
CAT5e coupling; art. no.: 940.057	●	●	●	●								
ISDN RJ12 socket, unshielded; art. no.: 940.085	●	●	●	●								
CAT6a 10GB socket TKM, shielded, for self-connection; art. no.: 918.035	●	●	●	●								
CAT6a 10GB socket TKM, shielded, with 3.0m cable and RJ45 plug; art. no.: 918.033	●	●	●	●								
CAT6a 10GB socket TKM, shielded, with 5.0m cable and RJ45 plug; art. no.: 918.034	●	●	●	●								
Socket cover/blank cover Keystone, black; art. no.: 917.057	●	●	●	●								
RJ45 shutter; art. no.: 930.143	●	●										
OWG-LC duplex Keystone; art. no.: 918.071	●	●	●	●								
OWG-SC Keystone; art. no.: 918.072	●	●	●	●								
OWG-ST Keystone; art. no.: 918.073	●	●	●	●								
TOSLINK Keystone; art. no.: 918.045	●	●										
Keystone module USB 3.0 A/B USB; art. no.: 917.400	●	●	●	●								
Keystone module 1 x HDMI; art. no.: 918.041	●	●	●	●								
Keystone module 1 x 3.5mm miniature jack; art. no.: 917.157	●	●	●	●								
Keystone module USB 3.0 A/A (straight-through); art. no.: 917.120	●	●	●	●								
Keystone module USB 3.0 B/A; art. no.: 917.401	●	●	●	●								
CAT6 coupling socket/socket; art. no.: 940.083	●	●	●	●								
Keystone module 1 x Mini DisplayPort; art. no.: 917.214	●	●	●	●								
1-way button Keystone; art. no.: 917.194	●	●	●	●								
Belden*												
10GX Modular Jack KeyConnect; art. no.: AX102283	●	●	●	●								
10GX Shielded KeyConnect Modular Jack, Metallic; art. no.: AX104562	●	●	●	●								
10GX KeyConnect Shielded RJ45 Coupler; art. no.: AX104501	●	●	●	●								
CAT6+ Modular Jack KeyConnect; art. no.: AX101321	●	●										
CAT6+ KeyConnect RJ45 Coupler; art. no.: AX104215	●	●	●	●								
CAT6+ Shielded KeyConnect Modular Jack; art. no.: AX104596	●	●	●	●								
USB 3.0 Coupler, A to A; art. no.: AX105342-BK	●	●	●	●								
HDMI Coupler (Version 1.4); art. no.: AX105345-BK	●	●	●	●								
BKS*												
NewLine RJpro socket category 6A; art. no.: 408-5794.01/408-5790.01 with mounting clip 403-7540xx												●
NewLine MMCpro 4P socket, 2.5 GHz; art. no.: 408-5840 with mounting clip 403-7540xx												●
CobiNet*												
RJ45 socket CobiDat KS; art. no.: 6920 1052.1/6920 0052.1/6920 0022.1/6920 1022.1/6920 4052.1	●	●	●	●								
RJ45 coupling CobiDat KS IPS 250/500; art. no.: 6925 1022/6920 1052	●	●	●	●								
COMMSCOPE*												
AMP-TWIST 6S SL Jack; art. no.: PN 0-1711160-1	●	●	●	●								
AMP-TWIST 6AS SL Jack; art. no.: PN 0-1711592-1	●	●										
SL series 110Connect Jack CAT6; art. no.: 0-1375188-1/0-1375055-2	●	●										
USB A-A Coupler; art. no.: 0-1933659-2	●	●										
SYSTIMAX® GigaSPEED XL® MGS400 series/SYSTIMAX® GigaSPEED X10D® MGS600 series							●					
SYSTIMAX® GigaSPEED X10D® HGS620 (with M-series frame HGS-A-MS-xx)							●					
Corning*												
xs500 Keystone module, CAXXSM-00104-C001; art. no.: 712.045	●	●										
S1200 module cat.7; art. no.: 196001										●	●	

* Name and product designation of the respective manufacturer

Manufacturer / product designation	917.000	917.001	917.061	917.062	917.038	917.006	917.003	917.007	917.005	917.008	917.039	917.153
DAETWYLER*												
RJ45 module KS-TS 1/8 toolless slimline cat.6/EA shielded; art. no.: 418054	●	●	●	●								
RJ45 module KS-T 1/8 toolless cat.6/EA shielded with dust protection cap; art. no.: 418060	●	●	●	●								
Module MS-C6A 1/8 cat.6A (IEC) 180°-K (Keystone); art. no.: 309249	●	●	●	●								
RJ45 module MS 1/8 cat. 6A shielded; art. no.: 309170					●	●						
RJ45 module KS-T Plus 1/8 toolless cat.6 (IEC) shielded with dust protection cap; art. no.: 418061	●	●	●	●								
RJ45 module MS-K Plus 1/8 cat.6A (IEC), with colour code TIA 568-A; art. no.: 440004	●	●	●	●								
RJ45 Keystone coupling, cat.6 link/class E, 180 degrees (straight); art. no.: 418056	●	●	●	●								
RJ45 module KU-T 1/8 toolless, cat. 6, unshielded; art. no.: 418070/418071	●	●	●	●								
Module PS-TERA 4P cat. 7A; art. no.: 1408502										●	●	
3M*												
RJ45 CAT6A HW STP; art. no.: OCK6A-SN8	●	●										
RJ45 CAT6A PL module; art. no.: OCK6A-SE8	●	●										
EFB*												
Cat. 6 RJ45 module STP, de-embedded; art. no.: E-20060	●	●	●	●								
Cat. 6 RJ45 module UTP, snap-in, with LSA strip; art. no.: E-20061	●	●	●	●								
Cat.6 modular adapter STP snap-in, art. no.: 37486.1	●	●	●	●								
RJ45 adapter snap-in socket/socket shielded; art. no.: 37508.2	●	●	●	●								
INFRALAN® RJ45 Keystone cat.6A; art. no.: E-20091	●	●	●	●								
INFRALAN® RJ45 Keystone, cat.6A/class EA; art. no.: E-20070-IF	●	●	●	●								
Cat.6 RJ45 Keystone STP 250 MHz; art. no.: E-20072	●	●	●	●								
Cat.6A snap-in, socket/socket shielded; art. no.: 37521.1V2	●	●	●	●								
HDMI snap-in adapter black type A socket/type A socket; art. no: EB520V2	●	●	●	●								
USB3.0 snap-in adapter black A socket/A socket; art. no. EB537	●	●	●	●								
Cat.6 RJ45 Keystone, UTP; art. no.: E-20080/E-20081	●	●	●	●								
INFRALAN® RJ45 Keystone cat.6(A); art. no.: DCOC10001	●	●	●	●								
GIGAMEDIA*												
Shielded CAT6 STP RJ45 female/female Keystone coupler; art. no.: GGM 6210270S00	●	●	●	●								
Unshielded CAT6 UTP RJ45 female/female Keystone coupler; art. no.: GGM 6210270U00	●	●										
Shielded 10G STP RJ45 female/female Keystone coupler; art. no: GGM 6210210GS00	●	●	●	●								
CAT6A 10G Ed2.2 shielded toolless jack; art. no.: GGM PRJC6A10G	●	●	●	●								
CAT6 STP toolless, shielded Keystone jack; art. no.: GGM PRJC6STL	●	●	●	●								
CAT6 UTP IDC 180°, black Keystone jack; art. no.: GGM 621030200	●	●	●	●								
LEONI Kerpen*												
Variokeystone socket module 4K7 cat.7; art. no.: LKD 9A46 0061 0000					●	●						
Variokeystone socket module RJ45 cat.6A (ISO/IEC); art. no.: LKD 9A46 0128 0000					●	●						
MegaLine® Connect100 socket module RJ45 cat.6_A; art. no.: LKD 9A90 2010 0000					●	●						
MegaLine® Connect100 socket module cat.7_A; art. no.: LKD 9A90 2030 0000/LKD 9A90 2020 0000					●	●						
MegaLine® Connect45 socket module Keystone cat. 6_A (ISO/IEC); art. no.: LKD 9A50 1010 0000/ LKD 9A50 1020 0000	●	●	●	●								
MegaLine® Connect45 BM ISO/IEC angled cat. 6_A; art. no.: LKD 9A50 1060 0000	●	●	●	●								
MegaLine® Connect45 BM UTP cat. 6; art. no.: LKD 9A50 1050 0000	●	●	●	●								
METZ CONNECT*												
C6A module 180° jack; art. no.: 130B11-E					●	●						
UTP module 8(8) CAT6; art. no.: 130A10-29-I-B1	●	●	●	●								
E-DAT module cat.6A 8(8) socket; art. no.: 130910-I/130910-I-B1					●	●						
C6A module K 180° jack – Keystone; art. no.: 130B21-E	●	●	●	●								
E-DAT module cat.6A K jack – Keystone; art. no.: 130910KI	●	●	●	●								
UTP module 8(8) cat.6A Keystone; art. no.: 130A11-29KI	●	●	●	●								

* Name and product designation of the respective manufacturer

Manufacturer / product designation	917.000	917.001	917.061	917.062	917.038	917.006	917.003	917.007	917.005	917.008	917.039	917.153
Nexans* (requires additional Keystone clip to fit)												
LANmark-5 Evo Snap-In Connector Cat, 5e Unscreened, art. no.: N420.550, N420.551 – with Keystone clip N429.627	●	●	●	●								
LANmark-5 Evo Snap-In Connector Cat, 5e Screened, art. no.: N420.555, N420.556 – with Keystone clip N429.627	●	●										
LANmark-6 Evo Snap-In Connector Cat, 6 Unscreened; art. no.: N420.660, N420.661 – with Keystone clip N429.672	●	●	●	●								
LANmark-6 Evo Snap-In Connector Cat, 6 Screened; art. no.: N420.666, N420.667 – with Keystone clip N429.627	●	●										
LANmark-6 10G Evo Snap-In Connector Cat, 6 Screened; art. no.: N420.666G, N420.667G – with Keystone clip N429.627	●	●										
LANmark-6A Evo Snap-In Connector Cat, 6A Screened; art. no.: N420.66A, N420.67A – with Keystone clip N429.627	●	●										
LANmark-7A GG45 12C Snap-In Connector Cat, 7A Screened; art. no.: N420.735, N420.736 – with Keystone clip N429.627	●	●										
Panduit*												
Mini-Com TX6 plus 28/30 AWG Jack Module; art. no.: CJT688TGBL								●				
NetKey Jack Modules CAT6/6A; art. no.: NK688MBL/NK6X88MBL	●	●										
Reichle de Masari*												
Cat.6 module RJ45 with mounting plate; art. no.: R302372/R302373/R313064									●			
Cat. 6_A module RJ45 Keystone; art. no.: R509509/R509508	●	●	●	●								
Cat. 6_A module RJ45 snap-in; art. no.: R509506/509502										●	●	
Cat. 6_A EL connection module, 1xRJ45/s; art. no. R813504									●			
Cat. 6_A connection module, 1x RJ45; art. no. R509500/R509504									●			
RUTENBECK*												
UM cat.6A iso A; art. no.: 139 003 04	●	●	●	●								
Cat.6 coupling; art. no.: 139 003 60	●	●	●	●								
KMK-HDMI; art. no.: 170 106 53	●	●	●	●								
KMK-USB3.0; art. no.: 170 106 51	●	●	●	●								
SETEC*												
SeSix eXtra cat 6_A Keystone jack (X_AKJ) shielded; art. no.: 501415/501414	●	●	●	●								
Keystone connector RJ45/RJ45, cat.6A, shielded; art. no.: 501492	●	●	●	●								
Telegärtner*												
AMJ module K cat, 6_A T568A/B; art. no.: J00029K0036/J00029A0077	●	●	●	●								
AMJ coupling K CAT6; art. no.: J00029A0061	●	●	●	●								
AMJ-S module 2G cat.6_A T568A/B; art. no.: J00029A3000/J00029A3001/J00029A2000/J00029A2001	●	●	●	●								
UMJ coupling K cat.6, f-f, art. no.: J00029A0064	●	●	●	●								
USB Keystone type A, USB 3.0; f-f; art. no.: J00029A0108	●	●	●	●								
TKM*												
RJ-MOD cat.6/6A; art. no.: 4677682/4677682A	●	●	●	●								
RJ-MOD cat.6 unshielded; art. no.: 4677691	●	●	●	●								

* Name and product designation of the respective manufacturer

Audio/image transmission

Custom Module VGA, miniature jack, HDMI

#	
917.222	Custom Module equipped with: Breakout cables 0.2 m, socket-socket, for VGA | Audio (3.5 mm stereo jack) | HDMI (HDMI mounting via a Keystone clip)

917.222

Custom Module 1 x VGA + miniature jack

#	
917.045	Front: socket VGA and 3.5 mm stereo miniature jack | Back: socket VGA and 3.5 mm stereo miniature jack with approx. 0.1 m cable | Requires approx. 70 mm mounting depth | Black
917.071	Front: socket VGA and 3.5 mm stereo miniature jack | Back: 10-pole (RGBHV) and 3-pole (audio stereo) screw terminal | Requires approx. 50 mm mounting depth | Black
917.073	Front: socket VGA and 3.5 mm stereo miniature jack | Back: 5 x BNC socket with approx. 0.3 m cable (RGBHV) and 3-pole (audio stereo) screw terminal | Requires approx. 50 mm mounting depth | Black
917.150	Front: socket VGA and 3.5 mm stereo miniature jack | Back: socket VGA and 3.5 mm stereo miniature jack each with approx. 0.2 m cable | Requires approx. 50 mm mounting depth | Black

917.045

917.071

917.073

917.150

Custom Module 1 x VGA + miniature jack and button

#	
917.134	Front: socket VGA and 3.5 mm stereo miniature jack + button, blue illuminated | Back: socket VGA and 3.5 mm stereo miniature jack with approx. 0.1 m cable + socket RJ12 for button | Requires approx. 70 mm mounting depth | Black

917.134

Custom Module 1 x VGA

#	
917.011	Front: socket VGA | Back: socket VGA | Requires approx. 70 mm mounting depth | Black
917.069	Front: socket VGA | Back: 10-pole (RGBHV) screw terminal | Requires approx. 50 mm mounting depth | Black
917.070	Front: socket VGA | Back: 5 x BNC socket with approx. 0.3 m cable (RGBHV) | Requires approx. 35 mm mounting depth
917.072	Front: plug VGA | Back: 10-pole (RGBHV) screw terminal | Requires approx. 50 mm mounting depth | Black

917.011

917.069

917.070

917.072

All Custom Modules are supplied with T6 screws. See the glossary for detailed information on use / application.

Custom Module 1 x DVI-I + miniature jack

#	
917.021	Front: socket DVI-I and 3.5 mm stereo miniature jack | Back: DVI-I socket and 2 x Cinch audio stereo (red + white) with approx. 0.2 m cable | Requires approx. 75 mm mounting depth | Black

917.021

Custom Module 1 x DVI-I

#	
917.078	Front: socket DVI-I | Back: socket DVI-I with approx. 0.2 m cable | Requires approx. 75 mm mounting depth | Black

917.078

Custom Module 1 x HDMI

#	
917.143	Black | Front: socket HDMI | Back: 2 x 9-pole (HDMI) screw terminal | Requires approx. 40 mm mounting depth
917.183	White | Front: socket HDMI | Back: 2 x 9-pole (HDMI) screw terminal | Requires approx. 40 mm mounting depth

917.143

917.183

Custom Module 1 x DisplayPort

#	
917.145	Front: socket DisplayPort | Back: socket DisplayPort , without cable | Requires approx. 70 mm mounting depth | Black

917.145

Custom Module 1 x Cinch video + 2 x Cinch audio stereo

#	
917.026	Black | Front: socket Cinch video (yellow) + 2 x Cinch audio stereo (red + white) | Back: Cinch video + 2 x Cinch audio stereo socket without cable
917.085	Black | Front: socket Cinch video (yellow) + 2 x Cinch audio stereo (red + white) | Back: 2-pole (video) + 3-pole (audio stereo) screw terminal | Requires approx. 50 mm mounting depth
917.161	White | Front: socket Cinch video (yellow) + 2 x Cinch audio stereo (red + white) | Back: 2-pole (video) + 3-pole (audio stereo) screw terminal | Requires approx. 50 mm mounting depth

917.026

917.161

All Custom Modules are supplied with T6 screws. See the glossary for detailed information on use / application.

Pictograms and their meaning can be found on page 279.

Custom Module 1 x BNC video + 2 x Cinch audio stereo

#	
917.027	Front: socket BNC video (yellow) + 2 x Cinch audio stereo (red + white) | Back: BNC video + 2 x Cinch audio stereo socket without cable | Black

917.027

Custom Module 1 x S-video + 2 x Cinch audio stereo

#	
917.028	Black | Front: socket S-video + 2 x Cinch audio stereo (red + white) | Back: S-video socket + 2 x Cinch audio stereo socket without cable
917.081	Black | Front: socket S-video + 2 x Cinch audio stereo (red + white) | Back: 4-pole (S-video) + 3-pole (audio stereo) screw terminal | Requires approx. 30 mm mounting depth
917.162	White | Front: socket S-video + 2 x Cinch audio stereo (red + white) | Back: 4-pole (S-video) + 3-pole (audio stereo) screw terminal | Requires approx. 30 mm mounting depth

917.028

917.081

917.162

Custom Module 1 x S-video + 1 x Cinch video

#	
917.035	Front: socket S-video + Cinch video (yellow) | Back: S-video + Cinch video socket without cable | Black
917.083	Front: socket S-video + Cinch video (yellow) | Back: 4-pole (S-video) screw terminal + approx. 0.3 m cable with 2 x BNC | Requires approx. 30 mm mounting depth | Black

917.035

917.083

Custom Module 1 x Cinch video RGB

#	
917.088	Front: socket Cinch video RGB (red/green/blue) | Back: 6-pole screw terminal | Requires approx. 30 mm mounting depth | Black
917.090	Front: socket Cinch video RGB (red/green/blue) | Back: Cinch video RGB socket (red/green/blue) | Requires approx. 65 mm mounting depth | Black

917.088

917.090

Custom Module 1 x SAT / TV / radio

#	
917.030	Front: F-plug connector (SAT) and 2 x COAX (TV + radio) | Back: F-plug connector (SAT) and 2 x COAX (TV + radio) | Requires approx. 50 mm mounting depth | Black

917.030

Custom Module 1 x TV / radio

#	
917.117	Front: 2 x COAX (TV + radio) | Back: 2 x COAX (TV + radio) | Requires approx. 50 mm mounting depth | Black

917.117

All Custom Modules are supplied with T6 screws. See the glossary for detailed information on use / application.

Custom Module 1 x Cinch audio stereo

· Front: Cinch audio stereo socket (red + white)

#	
917.022	Black | Back: socket Cinch audio stereo (red + white) without cable | Requires approx. 55 mm mounting depth
917.089	Black | Back: 3-pole (audio stereo) screw terminal | Requires approx. 35 mm mounting depth
917.163	White | Back: 3-pole (audio stereo) screw terminal | Requires approx. 35 mm mounting depth

Custom Module 1 x 3.5 mm miniature jack

· Front: 3.5 mm audio stereo miniature jack socket

#	
917.023	Black | Back: socket Cinch audio stereo (red + white) | Requires approx. 65 mm mounting depth
917.091	Black | Back: 3-pole (audio stereo) screw terminal | Requires approx. 35 mm mounting depth
917.164	White | Back: 3-pole (audio stereo) screw terminal | Requires approx. 35 mm mounting depth

Custom Module 1 x 6.3 mm audio stereo jack

#	
917.036	Front: socket 6.3 mm audio stereo jack | Back: 6.3 mm audio stereo jack socket with approx. 0.1 m cable | Requires approx. 65 mm mounting depth | Black

Custom Module 1 x XLR 3-pole microphone

#	
917.024	Front: socket XLR 3-pole microphone | Back: XLR 3-pole plug with approx. 0.1 m cable | Requires approx. 65 mm mounting depth | Black

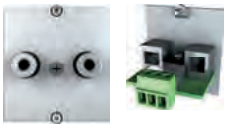
Custom Module 1 x XLR socket

· Front: socket XLR
· Back: screw terminal
· Requires approx. 40 mm mounting depth

#	
917.096	**3-pole** | Black
917.165	**3-pole** | White
917.099	**4-pole** | Black
917.101	**5-pole** | Black

917.022

917.089


917.163

917.023

917.091

917.164

917.036

917.024

917.096

917.165

917.099

917.101

All Custom Modules are supplied with T6 screws. See the glossary for detailed information on use / application.

Pictograms and their meaning can be found on page 279.

Custom Module 1 x XLR plug

· Front: XLR plug
· Back: screw terminal
· Requires approx. 40 mm mounting depth

#	
917.095	**3-pole** | Black
917.098	**4-pole** | Black
917.100	**5-pole** | Black

917.095

917.098

917.100

917.094

Custom Module Combo series 1 x socket XLR 3-pole + socket 1 x 6.3 mm jack

#	
917.094	Front: XLR 3-pole socket. + 6.3 mm audio stereo jack socket | Back: 1 x 4-pole + 1 x 3-pole screw terminal | Requires approx. 40 mm mounting depth | Black

Custom Module 1 x loudspeaker connection

· Black

#	
917.102	**2-pole + 6.3 mm stereo jack** | Front: socket Speakon 2-pole + 6.3 mm audio mono jack | Back: 2-pole screw terminal | Requires approx. 50 mm mounting depth
917.110	**4-pole** | Front: socket Speakon 4-pole | Back: 4-pole screw terminal | Requires approx. 40 mm mounting depth
917.114	**2-pole** | Front: Loudspeaker connection (red + white) | Back: 2-pole screw terminal | Requires approx. 30 mm mounting depth

917.102/917.110

917.114

Custom Modules for HD Base T

· Cable lengths 1 m

#	
903.204	**VGA analogue** | Custom Module VGA, miniature jack and button | 1 x VGA 15-pole socket/plug | 1 x 3.5 mm miniature jack socket/plug | 1 x button, blue illuminated, with RJ12 plug
903.205	**HDMI digital** | Custom Module HDMI and button | 1 x HDMI socket/plug | 1 x button, blue illuminated, with RJ12 plug
903.206	**DisplayPort digital** | Custom Module for DisplayPort and button | 1 x DisplayPort socket/plug | 1 x button, blue illuminated, with RJ12 plug

903.204

903.205

903.206

All Custom Modules are supplied with T6 screws. See the glossary for detailed information on use / application.

Data transmission

917.141

917.182

917.018

917.019

917.037

Custom Modules data transmission

#	
917.141	**2 x USB 2.0 A / A** | Black | Front: 2 x socket USB A | Back: 2 x 4-pole screw terminal | Requires approx. 40 mm mounting depth
917.182	**2 x USB 2.0 A / A** | White | Front: 2 x socket USB A | Back: 2 x 4-pole screw terminal | Requires approx. 40 mm mounting depth
917.018	**1 x USB 2.0 A / B** | Black | Front: USB A socket | Back: USB B socket | Requires approx. 85 mm mounting depth
917.019	**1 x USB 2.0 B / A** | Black | Front: USB B socket | Back: USB A socket | Requires approx. 85 mm mounting depth
917.037	**1 x FireWire** | Black | Front: 6-pole FireWire socket | Back: 6-pole socket FireWire | Requires approx. 85 mm mounting depth

Power transmission

Custom Module USB charger

#	
USB double charger 5 V | 2.4 A	
917.224	Input voltage: 250 V~ | Output: 5 V DC/max. 2.4 A | Front: 2 x socket USB A | Back: GST18i3 plug with approx. 0.2 m cable

917.224

Custom Module Power Con

#	
Blue (power input)	
917.112	Front: socket Power Con, blue | Back: Screw connection, including 2 crimp sleeves and cover cap | Black | Requires approx. 40 mm mounting depth
Grey (power output)	
917.113	Front: socket Power Con, grey | Back: Screw connection, including 2 crimp sleeves and cover cap | Black | Requires approx. 40 mm mounting depth

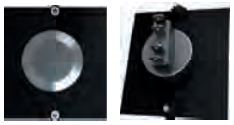
917.112

917.113

All Custom Modules are supplied with T6 screws. See the glossary for detailed information on use/application.

Pictograms and their meaning can be found on page 279.

Buttons / switches

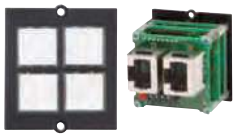

917.046

917.047

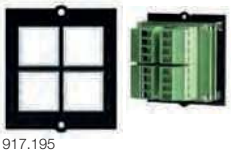
917.060

917.152

917.135


917.193

917.056


917.195

917.198

Custom Modules buttons / switches

#	
917.046	**Stainless steel button** | Black | Front: Stainless steel button | Switching capacity: 50 mA / 24 V / DC | Back: 2-pole terminal pin | Requires approx. 30 mm mounting depth
917.047	**Stainless steel button, blue illuminated** | Black | Front: Stainless steel button, blue illuminated (ring illuminated) | Switching capacity: 50 mA / 24 V / DC | Back: 4-pole terminal pin | Requires approx. 30 mm mounting depth
917.060	**Automatic switch-off button** | Black | Front: Black button | Back: Plug connector GST15i2 with approx. 1.0 m cable (suitable for power strips) | With automatic switch-off e.g. STEP automatic switch-off 906.005 | Requires approx. 40 mm mounting depth
917.152	**Button** | Black | Front: Up/down button | Back: approx.1.0 m 3 x 1.00 mm² cable with wire end ferrules (labelled) | Requires approx. 60 mm mounting depth
917.135	**Switch (to control external devices)** | Black | Front: 2-pole green rocker switch | Back: approx.1.0 m H05VV-F 4 x 1.50 mm² cable with wire end ferrules (labelled) | Requires approx. 60 mm mounting depth
917.193	**4-key keypad** | Black | 4-way universal pushbutton module | For connecting to all controller programmable buttons, blue illuminated | Incl. various inserts with pictograms | With RS232 interface
917.056	**4-key keypad for KNX application** | Black | Front: 4 buttons, white, light up blue | Programmable on KNX installations; with integrated bus coupler | Voltage supply: 30 V DC system voltage via bus terminal | Back: 2-pole bus plug-in terminal | Requires approx. 35 mm mounting depth
917.195	**4-key keypad** | Front: 4 potential-free buttons, white, light up blue | Feedback LED with adjustable voltage | Back: plug-in terminal
917.198	**4-key keypad** | Front: 4 potential-free buttons, white, light up blue | Back: 4 x RJ11 socket

All Custom Modules are supplied with T6 screws. See the glossary for detailed information on use / application.

Control

Custom Modules control

#	
917.076	**RS232 plug** | Black | Front: RS232 sub-D 9-pole plug | Back: 9-pole screw terminal | Requires approx. 40 mm mounting depth
917.075	**RS232 socket** | Black | Front: RS232 sub-D 9-pole socket | Back: 9-pole screw terminal | Requires approx. 40 mm mounting depth
917.012	**RS232 socket** | Black | Front: RS232 sub-D 9-pole socket | Back: RS232 sub-D 9-pole socket | Requires approx. 70 mm mounting depth
917.116	**RS232 crossover socket** | Black | Front: RS232 sub-D 9-pole socket | Back: RS232 sub-D 9-pole crossover plug (crossed) | Requires approx. 70 mm mounting depth
917.031	**PS2 mouse + keyboard** | Black | Front: 2 x MiniDIN 6-pole socket (mouse – mint green; keyboard – purple) | Back: 2 x MiniDIN 6-pole socket (mouse – mint green; keyboard – purple) | Requires approx. 50 mm mounting depth

917.076

917.075

917.012

917.016

917.031

Cable glands

Custom Module 1 x cable gland

#	
917.032	**Up to Ø 11 mm** | Module with drill hole and 2-part cable gland for cables up to Ø 11 mm
917.033	**Up to Ø 22 mm** | 1 x 2-part cable gland, ideal for routing cables up to Ø 22 mm | Ideal for VGA cables

917.032

917.033

Custom Module 3 x cable gland

#	
917.082	**2 x up to Ø 9 mm | 1 x up to Ø 14 mm** | Module with notch for routing cables

917.082

All Custom Modules are supplied with T6 screws. See the glossary for detailed information on use/application.

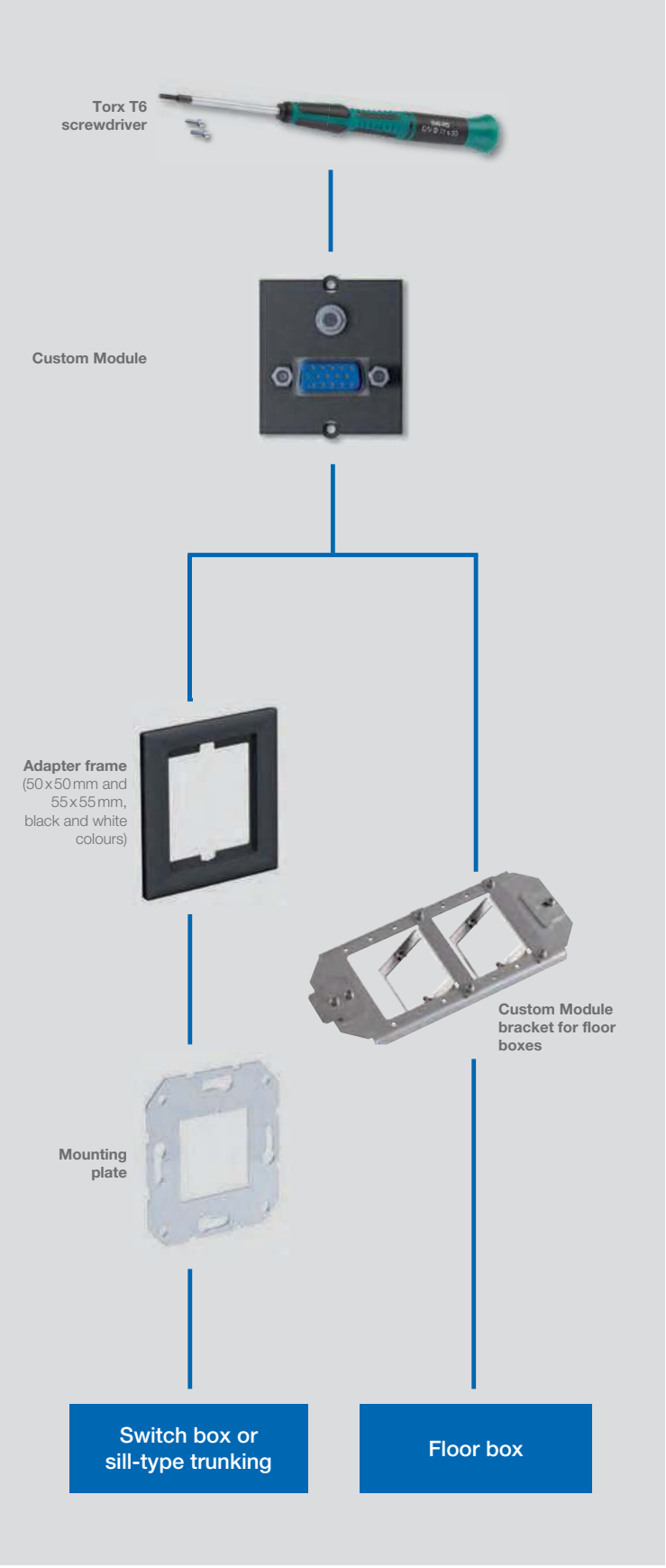
 Pictograms and their meaning can be found on page 279.

Installation options switch manufacturers

The addition of a few extra components opens up entirely new possibilities for electrical installations. Installed in either a switch box or sill-type trunking, the extensive range of Custom Modules allows the easy integration of audio, video and data networks.

By using the 50 x 50 mm and 55 x 55 mm adapter frames available as standard, the Custom Modules form an optimal complement to all current switch ranges of reputable manufacturers. The connections to the rear can be made either as socket/socket or via screw terminals. No complicated soldering or cabling is required. A compatibility list of Custom Modules for the switch ranges of various manufacturers can be found on page 159 onwards.

BACHMANN Custom Modules can even be fitted into conventional floor boxes. The Custom Module bracket for floor-box systems allows the Custom Modules to be fitted directly. There is thus no need for a mounting plate or adapter frame. The BACHMANN Custom Module bracket is suitable for various makes floorbox manufacturers. Please check the mounting depth required by the Custom Modules.



Mounting plate Custom Modules for switch range | Stainless steel

#	
917.064	Suitable for conventional device boxes for flush mounting, cavity and device boxes for trunking | Incl. 2 x Torx M2 screws | For trunking, an additional mounting box is required (see manufacturer's range)

917.064

Adapter frame for switch range | Plastic

#	
917.065	External dimension: 50 x 50 mm | Black, similar to RAL 9005 | Fits into conventional switch ranges (50 x 50 mm internal dimension) in conjunction with the stainless steel mounting plate 917.064 | Please check the compatibility list from page 159 onwards
917.168	External dimension: 50 x 50 mm | White, similar to RAL 9010 | Fits into conventional switch ranges (50 x 50 mm internal dimension) in conjunction with the stainless steel mounting plate 917.064 | Please check the compatibility list from page 159 onwards
917.066	External dimension: 55 x 55 mm | Black, similar to RAL 9005 | Fits into conventional switch ranges (55 x 55 mm internal dimension) in conjunction with the stainless steel mounting plate 917.064 | Please check the compatibility list from page 159 onwards
917.169	External dimension: 55 x 55 mm | White, similar to RAL 9010 | Fits into conventional switch ranges (55 x 55 mm internal dimension) in conjunction with the stainless steel mounting plate 917.064 | Please check the compatibility list from page 159 onwards

917.065

917.068

917.066

917.169

Custom Module bracket for floor boxes

#	
Steel sheet | 2 x Custom Module	
917.068	For fitting in OBO Bettermann device case/floor-box systems | with mount for 2 Custom Modules (transverse mounting) | Incl. Torx M2 screws
Steel sheet | 3 x Custom Module	
917.067	For fitting in OBO Bettermann device case/floor-box systems | with mount for 3 Custom Modules (transverse mounting) | Incl. Torx M2 screws
Plastic, black | 2 x Custom Module	
917.139	Mounting for Electraplan floor boxes | with mount for 2 Custom Modules (transverse mounting) | Incl. Torx M2 screws for Custom Modules
Plastic, black | 3 x Custom Module	
917.140	Mounting for Electraplan floor boxes | with mount for 3 Custom Modules (transverse mounting) | Incl. Torx M2 screws for Custom Modules

917.068

917.067

917.139

917.140

Pictograms and their meaning can be found on page 279.

Manufacturer / switch range	BACHMANN Adapter frame** Colour black	BACHMANN Adapter frame** Colour white	+ Adapter manufacturer number
Berker			
S.1	917.066	917.169	–
B.1	917.066	917.169	–
B.3	917.066	917.169	–
B.7 glass	917.066	917.169	–
K.1	917.065	917.168	11087124 11087106 11087109 11087102
K.5	917.065	917.168	11087104
Arsys	917.065	917.168	11080101 11089104 11089111 11080169 11080102
Module 2	917.065	917.168	114309 114302
Busch-Jaeger			
carat®	917.065	917.168	1746/10-81 1746/10-82 1746/10-84
pure stainless steel	917.065	917.168	1746/10-866
impulse	917.065	917.168	1746/10-71 1746/10-72 1746/10-74 1746/10-79 1746/10-777 1746/10-783
solo®	917.065	917.168	1746/10-82 1746/10-84 1746/10-85 1746/10-86 1746/10-87 1746/10-88 1746/10-803 1746/10-815
Busch-axcent®	917.065	917.168	1746/10-84
future®	917.065	917.168	1746/10-82 1746/10-84 1746/10-85 1746/10-89
future linear®	917.065	917.168	1746/10-81 1746/10-82 1746/10-83 1746/10-84 1746/10-89
EGB			
Elegant Standard	917.065	917.168	143090045
Schneider Electric (ELSO)			
JOY	917.065	917.168	363080 363084
RIVA	917.065	917.168	203080 203084 2030831 2030811 2030819
RIVA	917.066	917.169	203160 203164 2031611 2031619
SCALA	917.065	917.168	203080 203084 2030811 2030819
SCALA	917.066	917.169	203160 203164 2031611 2031619
FASHION	917.065	917.168	203080 203084 203081 2030812 203082 2030831 203086 203089 2030844
FASHION	917.066	917.169	203160 203164 203160D
NOVIA	917.066	917.169	284800 284804
NOVIA	917.065	917.168	283160 283164 2831631 2831612 283166 283169 2831611
CLASSIC	917.065	917.168	303110 303111
Gira			
Standard 55	917.066	917.169	–
E2	917.066	917.169	–
Event	917.066	917.169	–
Esprit	917.066	917.169	–
E22	917.066	917.169	0289202
Stainless steel series 20/21	917.066	917.169	028920
TX_44	917.066	917.169	028966 028967 028965
Large-area switch	917.066	917.169	0289111 0289112
S-Color	917.065	917.168	028240 028242 028243 028246 028247
Jäger			
Opus	917.065	917.168	560.050.02
Jung			
AS 500	917.066	917.169	–
AS universal	917.066	917.169	–
A 500	917.066	917.169	–
A plus	917.066	917.169	–

** Also order the appropriate BACHMANN adapter frame for installation in the switch range.

Manufacturer / switch range	BACHMANN Adapter frame** Colour black	BACHMANN Adapter frame** Colour white	+ Adapter manufacturer number
Jung			
A creation	917.066	917.169	–
LS-Design	917.066	917.169	AL2961Z5-L ES2961Z5-L
LS 990	917.066	917.169	LS961Z5WW LS961Z5SW LS961Z5AL
LS plus	917.066	917.169	AL2961Z5-L ES2961Z5-L
FD-design	917.066	917.169	AL2961Z5-L ES2961Z5-L
CD 500	917.065	917.168	590ZCD 590ZWW
LS 990	917.065	917.168	LS961Z LS961ZWW LS961ZLG LS961ZSW
LS 990	917.065	917.168	LS961Z5 LS961Z5WW LS961Z5SW
Aluminium	917.065	917.168	LS961Z LS961ZWW LS961ZLG LS961ZSW
Aluminium	917.066	917.169	LS961Z5 LS961Z5WW LS961Z5SW AL2961Z5-L ES2961Z5-L
Stainless steel	917.065	917.168	LS961Z LS961ZWW LS961ZLG LS961ZSW
Stainless steel	917.066	917.169	LS961Z5 LS961Z5WW LS961Z5SW AL2961Z5-L ES2961Z5-L
Anthracite	917.065	917.168	LS961Z LS961ZWW LS961ZLG LS961ZW
Anthracite	917.066	917.169	LS961Z5 LS961Z5WW LS961Z5SW AL2961Z5-L ES2961Z5-L
Bright chrome	917.065	917.168	LS961Z LS961ZWW LS961ZLG LS961ZSW
Bright chrome	917.066	917.169	LS961Z5 LS961Z5WW LS961Z5SW AL2961Z5-L ES2961Z5-L
Merten			
1-M	917.066	917.169	–
ATELIER-M	917.066	917.169	–
M-SMART	917.066	917.169	–
M-PLAN	917.066	917.169	–
M-PLAN GLASS	917.066	917.169	–
M-PLAN metal	917.066	917.169	–
M-PLAN II	917.066	917.169	–
M-ARC	917.066	917.169	–
M-STAR	917.066	917.169	–
ARTEC	917.065	917.168	516094 516099
AQUADESIGN	917.065	917.168	518344 518319 518314 518360
PEHA			
Standard	917.066	917.169	219511 219611
Standard	917.065	917.168	219411 219211 219711 219311 218711
Dialog	917.065	917.168	828611 819511 768611 847311 838011 778611 316611
Aura	917.065	917.168	117211 129511 155811
Nova	917.065	917.168	027211 042211 057211
Nova	917.066	917.169	100511 100711 100611
Presto-Vedder			
Regina classic	917.065	917.168	730RW 730RUW
Alessa	917.065	917.168	230RUW
Alessa plus	917.065	917.168	230RUW
Fiorena	917.065	917.168	3030RUW 3030RW 3030RSI 3030RSGR
Siemens			
DELTA line	917.065	917.168	5TG2557 5TG2587 5TG1160 5TG1150
DELTA vita	917.065	917.168	5TG2557 5TG1160 5TG1150
DELTA miro	917.065	917.168	5TG2557 5TG2587 5TG1160 5TG1150
DELTA style	917.065	917.168	5TG1326 5TG1326-1 5TG1366
DELTA style	917.066	917.169	5TG1327 5TG1327-1 5TG1367
DELTA profil	917.065	917.168	5TG1806 5TG1866 5TG1766 5TG1836 5TG1706-1 5TG1746-1
DELTA profil	917.066	917.169	5TG1893 5TG1885 5TG1762 5TG1835 5TG1705-1 5TG1745-1

** Also order the appropriate BACHMANN adapter frame for installation in the switch range.

Accessories

Keystone blank cover

#	
917.057	**Socket cover** | Socket cover, clips into an empty Keystone socket | Can be used as a placeholder for sockets inserted later

917.057

Custom Module blank cover

· Blank cover as placeholder or for you to mount your own plug connectors
· Material: Plastic | Material thickness: 1.8 mm

#	
917.009	**Black**
917.166	**White**
917.010	**Black | With screw dome** | Screw dome on rear side of module for fixing, e.g. of boards or blank holders
917.167	**White | With screw dome** | Screw dome on rear side of module for fixing, e.g. of boards or blank holders

917.009

917.010

917.167

Data connection cover

#	
930.143	**RJ45 shutter** | Cover for data connection | tool-free mounting | Suitable for Custom Modules 917.000/917.001 | With paper labelling strips | Universal: suits 1 and 2 data connections | Ideal as dust cover for data socket contacts when not in use

930.143

Torx T6 screws for Custom Modules

#	
917.041	**Black** | Designed for 10 screwing cycles | Contents: 10 items
917.111	**Stainless steel | In mounting plate** | Designed for 10 screwing cycles | Contents: 10 items | M2 screws for stainless steel mounting plate (917.064)

917.041

917.111

Torx T6 screwdriver

#	
917.040	Torx T6 screwdriver suitable for Custom Modules screws | Black

917.040

See the glossary for detailed information on use/application.

HDBaseT

The plug-and-play solution for meeting points and meeting rooms

Share information from up to 4 devices (laptops) at the touch of a button. The buttons are already integrated into the relevant Custom Modules. The signals from the changeover switch to the display or projector are either transferred via HDBaseT or as original HDMI signals.

BENEFITS

- **Zero-loss transmission of image and sound signals via CAT cable up to 70 metres**
- **Simple cabling**
- **Plug & play**
- **No programming needed**
- **Resolution up to UHD (4K) possible**
- **Compatible with HDBaseT-capable displays and projectors**

HDBaseT transmitter

· Output: HDMI + HDBaseT via RJ45
· Max. 70 metre cable length
· Incl. control box

#	
903.211	**With 3 inputs** | Input: 2 x HDMI, 1 x VGA + audio
903.212	**With 4 inputs** | Input: 2 x HDMI, 1 x VGA + audio , 1 x DisplayPort

903.211

HDBaseT receiver

#	
903.201	Input: HDBaseT via RJ45 | Output: HDMI, HDCP compatible

903.201

Mounting accessories

#	
903.203	Mounting bracket for HDBaseT transmitter | 2 pieces

903.203

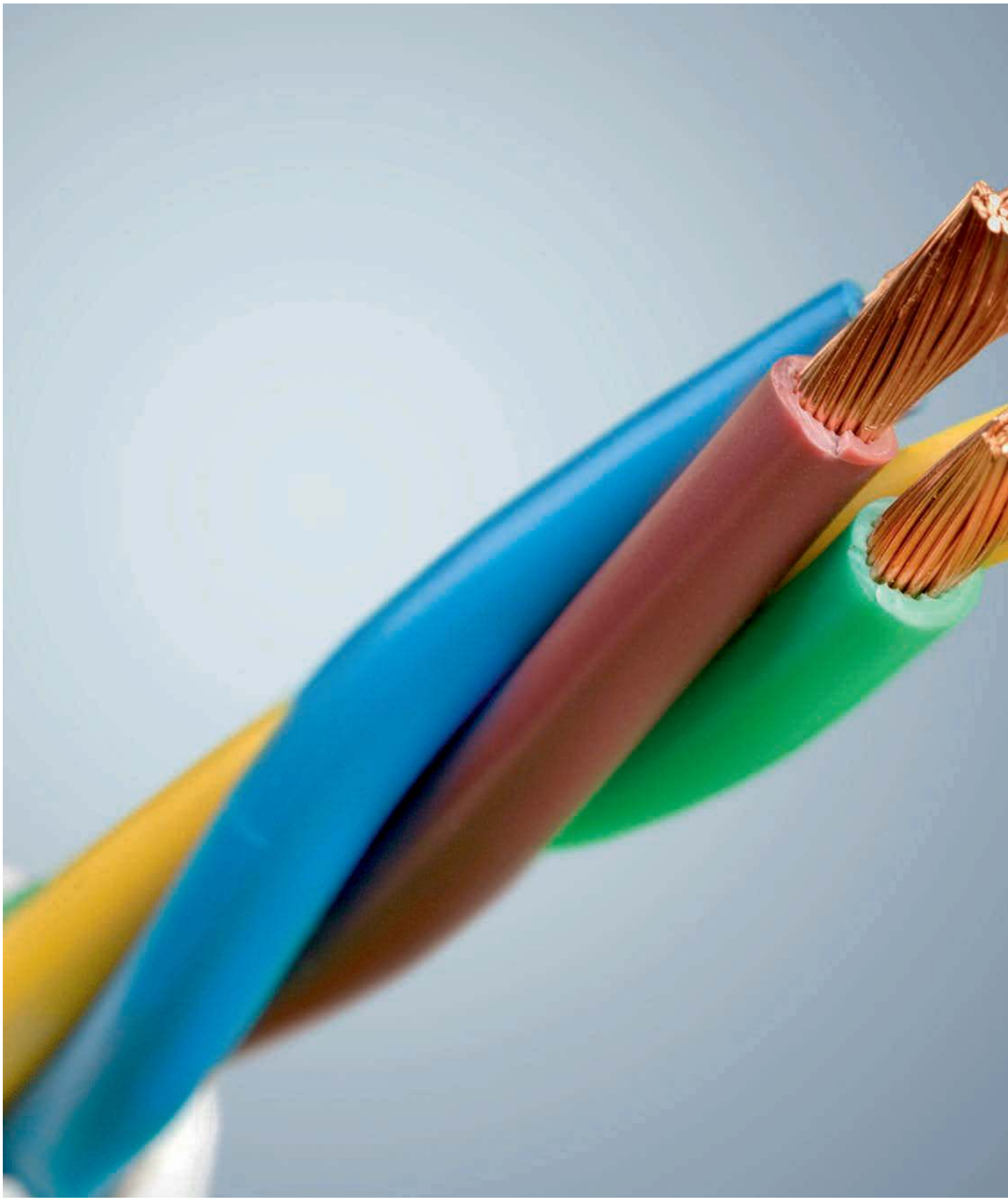
For suitable **audio / video cables,** see from page 188.

For suitable **Custom Modules,** see page 153.

Pictograms and their meaning can be found on page 279.

HDBaseT receiver
Receiver
Full HD
VIDEO EXTENDER
HDMI cable
(max. 5 m)
HDBaseT
(min. CAT5e,
CAT6 or CAT7
– max. 70 m)
HDMI cable
(max. 5 m)
AND/OR
HDBaseT transmitter
Transmitter
CAT5
Multi Format
VIDEO EXTENDER
HDMI 1
HDMI 2
VGA 3
Func.
Remote
Output
Local
Connection cable
DisplayPort,
HDMI, VGA + audio,
signal switching
(included in Custom
Module)
Custom Modules
DisplayPort digital
903.206
HDMI digital
903.205
VGA analogue
903.204
DisplayPort
HDMI
VGA

Cables



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Data

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Audio / video

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Extension cables

CEE extension cable | Rubber/neoprene

· 16A/400V~ | 70°C | IP44
· End 1: CEE plug 16A/6h/400V~
· End 2: CEE coupling 16A/6h/400V~
· For outdoor use and on construction sites

#	
Cable: H07RN-F5G 1.50mm²	
344.170	5.0m | Black
344.171	10.0m | Black
344.172	25.0m | Black
Cable: H07RN-F5G 1.50mm² | With phase inverter	
344.174	10.0m | Black
344.175	25.0m | Black
Cable: H07RN-F5G 2.50mm²	
347.170	5.0m | Black
347.171	10.0m | Black
347.172	25.0m | Black

347.172

CEE extension cable | Rubber/neoprene

· 32A/400V~ | 70°C | IP44
· End 1: CEE plug 16A/6h/400V~
· End 2: CEE coupling 16A/6h/400V~
· For outdoor use and on construction sites

#	
Cable: H07RN-F5G 4.00mm² | Surrounding temperature during use up to 25 °C	
346.170	5.0m | Black
346.171	10.0m | Black
346.172	25.0m | Black
Cable: H07RN-F5G 6.00mm²	
348.171	10.0m | Black
348.172	25.0m | Black

346.172

Pictograms and their meaning can be found on page 279.

Extension cable with earthing contact | Rubber / neoprene | 3-way rubber overhead coupling

· 16 A / 250 V~ | 70 °C | IP44
· End 1: central plug with earthing contact
· End 2: 3-way rubber overhead coupling with hinged lid and standardised snap latch

#	
Cable: H07RN-F3G 1.50 mm²	
343.174	5.0 m | Black
343.175	10.0 m | Black
343.176	25.0 m | Black

343.175

Extension cable with earthing contact | Rubber / neoprene | Heavy-duty version

· 16 A / 250 V~ | 70 °C | IP44
· End 1: central plug with earthing contact
· End 2: coupling with earthing contact with lid
· Heavy-duty version for outdoor use and on construction sites

#	
Cable: H07RN-F3G 1.50 mm²	
343.170	5.0 m | Black
343.171	10.0 m | Black
343.172	25.0 m | Black
343.173	50.0 m | Black
Cable: H07RN-F3G 2.50 mm²	
343.191	10.0 m | Black
343.192	25.0 m | Black

343.171

Extension cable with earthing contact | Rubber

· 16 A / 250 V~ | 70 °C | IP44
· End 1: central plug with earthing contact
· End 2: coupling with earthing contact with lid

#	
Cable: H05RR-F3G 1.50 mm²	
343.179	10.0 m | Black
343.177	25.0 m | Black

343.179

Lawnmower extension cable | Rubber / neoprene

· 16 A / 250 V~ | 70 °C | IP44
· End 1: central plug with earthing contact
· End 2: coupling with earthing contact with lid

#	
Cable: H07RN-F3G 1.50 mm²	
343.373	15.0 m | Red
343.370	25.0 m | Red
343.372	35.0 m | Red
343.371	50.0 m | Red

343.370

Extension cable with earthing contact | PVC

· 16 A / 250 V~ | 70 °C | IP20
· End 1: central plug with dual earthing contact system, moulded
· End 2: coupling with earthing contact, moulded with lid

#	
Cable: H05VV-F 3G 1.50 mm²	
341.879	10.0 m | Orange
341.870	25.0 m | Orange

341.879
Similar to illustration

Extension cable with earthing contact | PVC

· 16 A / 250 V~ | 70 °C
· End 1: right-angled plug with dual earthing contact system, moulded
· End 2: coupling with earthing contact, moulded

#	
Cable: H05VV-F 3G 1.50 mm²	
341.284	2.0 m | White
341.184	2.0 m | Black
341.285	3.0 m | White
341.185	3.0 m | Black
341.287	4.0 m | White
341.286	5.0 m | White
341.186	5.0 m | Black
341.288	7.5 m | White
341.189	10.0 m | White
341.289	10.0 m | Black
341.281	15.0 m | White
Cable: H05VV-F 3G 1.50 mm² | With shutter	
341.200S	2.0 m | White
341.201S	3.0 m | White
341.202S	5.0 m | White
341.203S	10.0 m | White

341.285

341.201S

 Pictograms and their meaning can be found on page 279.

Euro extension cable | PVC

· 2.5 A / 250 V~ | 70 °C
· End 1: Euro plug, fitted, type 20
· End 2: Euro coupling, fitted, type 23

#	
Cable: H03VVH2-F2 0.75 mm²	
233.284	2.0 m | White
233.184	2.0 m | Black
233.285	3.0 m | White
233.185	3.0 m | Black
233.286	5.0 m | White
233.186	5.0 m | Black

233.284

Non-heating device extension cable | PVC

· 10 A / 250 V~ | 70 °C
· End 1: C14 non-heating device plug
· End 2: C13 non-heating device socket

#			
Cable: H05VV-F 3G 0.75 mm²			
356.974	2.0 m	| Grey	| Unpacked
Cable: H05VV-F 3G 1.00 mm²			
356.900	0.5 m	| Grey	| Individually packed
356.119	0.5 m	| Black	| Unpacked
356.901	0.75 m	| Grey	| Individually packed
356.169	0.75 m	| Black	| Individually packed
356.902	1.0 m	| Grey	| Individually packed
356.120	1.0 m	| Black	| Unpacked
356.903	1.5 m	| Grey	| Individually packed
356.127	1.5 m	| Black	| Unpacked
356.904	2.0 m	| Grey	| Individually packed
356.171	2.0 m	| Black	| Individually packed
356.975	3.0 m	| Grey	| Unpacked

356.975

Non-heating device extension cable | PVC

· 16 A / 250 V~ | 70 °C
· End 1: C20 non-heating device plug
· End 2: C19 non-heating device socket

#			
Cable: H05VV-F 3G 1.50 mm²			
356.1731	0.5 m	| Black	
356.910	0.5 m	| Grey	
356.1732	0.75 m	| Black	
356.911	0.75 m	| Grey	
356.1733	1.0 m	| Black	
356.918	1.0 m	| Grey	
356.183	1.5 m	| Black	| Unpacked
356.935	1.5 m	| Grey	
356.174	2.0 m	| Black	| Unpacked
356.936	2.0 m	| Grey	
356.175	3.0 m	| Black	| Unpacked

356.174

Supply cables/ connection cables

Supply cable with earthing contact | Rubber / PUR

· Maximum load according to conductor cross-section | 250 V~
· End 1: central plug with dual earthing contact system, moulded plug with splash water protection!
· End 2: 30 mm stripped with ferrules

#	
Cable: H05BQ-F 3G 1.00 mm² | Diameter approx. 7.9 mm	
328.875	3.0 m | Orange | Unpacked
328.876	5.0 m | Orange | Unpacked
Cable: H07BQ-F 3G 1.50 mm² | Diameter approx. 8.6 mm	
327.875	3.0 m | Orange | Unpacked
327.876	5.0 m | Orange | Unpacked

328.875

Supply cable with earthing contact | Neoprene

· Maximum load according to conductor cross-section | 250 V~
· End 1: central plug with dual earthing contact system, moulded plug with splash water protection!
· End 2: 30 mm stripped with ferrules

#	
Cable: H05RR-F 3G 0.75 mm² | Diameter approx. 6.7 mm	
321.174	2.0 m | Black | Unpacked
321.175	3.0 m | Black | Unpacked
321.176	5.0 m | Black | Unpacked
Cable: H07RN-F 3G 1.00 mm² | Diameter approx. 8.9 mm	
320.174	2.0 m | Black | Unpacked
320.185	3.0 m | Black | Individually packed
320.175	3.0 m | Black | Unpacked
320.186	5.0 m | Black | Individually packed
320.176	5.0 m | Black | Unpacked
Cable: H07RN-F 3G 1.50 mm² | Diameter approx. 9.5 mm	
322.184	2.0 m | Black | Individually packed
322.174	2.0 m | Black | Unpacked
322.185	3.0 m | Black | Individually packed
322.175	3.0 m | Black | Unpacked
322.186	5.0 m | Black | Individually packed
322.176	5.0 m | Black | Unpacked
Cable: H07RN-F 3G 2.50 mm² | Diameter approx. 11.3 mm	
323.185	3.0 m | Black | Individually packed
323.186	5.0 m | Black | Individually packed

321.175

Pictograms and their meaning can be found on page 279.

Supply cable with earthing contact | PVC

· Maximum load according to conductor cross-section | 70 °C
· End 1: right-angled plug with dual earthing contact system, moulded
· End 2: 30 mm stripped with ferrules

#	
Cable: H03VV-F 3G 0.75 mm² | Diameter approx. 5.5 mm	
301.274	2.0 m | White | Unpacked
301.174	2.0 m | Black | Unpacked
301.974	2.0 m | Grey | Unpacked
301.275	3.0 m | White | Unpacked
301.175	3.0 m | Black | Unpacked
Cable: H05VV-F 3G 1.00 mm² | Diameter approx. 7.0 mm	
304.274	2.0 m | White | Unpacked
304.284	2.0 m | White | Individually packed
304.174	2.0 m | Black | Unpacked
304.184	2.0 m | Black | Individually packed
304.974	2.0 m | Grey | Unpacked
304.275	3.0 m | White | Unpacked
304.285	3.0 m | White | Individually packed
304.175	3.0 m | Black | Unpacked
304.185	3.0 m | Black | Individually packed
304.276	5.0 m | White | Unpacked
304.176	5.0 m | Black | Unpacked
Cable: H05VV-F 3G 1.50 mm² | Diameter approx. 8.0 mm	
305.274	2.0 m | White | Unpacked
305.284	2.0 m | White | Individually packed
305.174	2.0 m | Black | Unpacked
305.184	2.0 m | Black | Individually packed
305.974	2.0 m | Grey | Unpacked
305.275	3.0 m | White | Unpacked
305.285	3.0 m | White | Individually packed
305.175	3.0 m | Black | Unpacked
305.185	3.0 m | Black | Individually packed
305.975	3.0 m | Grey | Unpacked
305.276	5.0 m | White | Unpacked
305.176	5.0 m | Black | Unpacked

304.275

Supply cable with earthing contact | PVC

· 10 A / 250 V~ | 70 °C
· End 1: central plug with dual earthing contact system, moulded
· End 2: 30 mm stripped with ferrules

#	
Cable: H03VV-F 3G 0.75 mm² | Diameter approx. 5.5 mm	
311.273	1.5 m | White | Unpacked
312.174	2.0 m | Black | Individually packed
312.275	3.0 m | White | Individually packed
312.175	3.0 m | Black | Individually packed

312.275

Supply cable with earthing contact | PVC | With intermediate switch

· 10 A / 250 V~ | 70 °C
· Not rewirable
· Switch dimensions: 60 x 26 x 13 mm
· End 1: right-angled plug with dual earthing contact system, moulded
· End 2: 30 mm stripped with ferrules, 1-pole intermediate switch – fitted after approx. 50 cm

#	
Cable: H03VV-F 3G 0.75 mm² | Diameter approx. 5.5 mm	
302.274	2.0 m | White | Unpacked
302.174	2.0 m | Black | Unpacked

302.274

Iron supply cable | Textile

· 10 A / 250 V~ | 150 °C
· End 1: central plug with dual earthing contact system, moulded
· End 2: 30 mm stripped with ferrules

#	
Cable: H03RT-H 3G 1.00 mm² – TEXTILE | Diameter approx. 6.5 mm	
313.176	3.0 m | Grey/white | Individually packed

313.176

Vacuum cleaner replacement cable | PVC

· 10 A / 250 V~ | 70 °C
· End 1: contour plug, moulded
· End 2: 30 mm stripped with ferrules

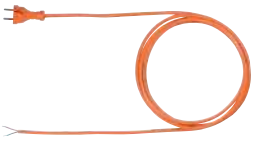
#	
Cable: H05VV-F 2 x 0.75 mm² | Diameter approx. 6.4 mm	
240.187	6.3 m | Black | Individually packed
240.189	10.0 m | Black | Individually packed

240.189

Contour supply cable | Rubber / PUR

· Maximum loading according to conductor cross-section | 70 °C
· End 1: contour plug, moulded
· End 2: 30 mm stripped with ferrules

#	
Cable: H05BQ-F 2 x 1.00 mm² | Diameter approx. 6.8 mm	
244.875	3.0 m | Orange | Unpacked
244.876	5.0 m | Orange | Unpacked
Cable: H07BQ-F 2 x 1.50 mm² | Diameter approx. 8.3 mm	
249.875	3.0 m | Orange | Unpacked
249.876	5.0 m | Orange | Unpacked


244.875

Pictograms and their meaning can be found on page 279.

Contour supply cable | Neoprene

· Maximum load according to conductor cross-section | 70 °C
· End 1: contour plug, moulded
· End 2: 30 mm stripped with ferrules
· Ideal connection cable for power tools

#	
Cable: H07RN-F 2 x 1.00 mm² | Diameter approx. 7.7 mm	
246.174	2.0 m | Black | Unpacked
246.175	3.0 m | Black | Unpacked
246.185	3.0 m | Black | Individually packed
246.375	3.0 m | Red | Unpacked
246.176	5.0 m | Black | Unpacked
246.186	5.0 m | Black | Individually packed
246.376	5.0 m | Red | Unpacked
Cable: H07RN-F 2 x 1.50 mm² | Diameter approx. 8.7 mm	
248.174	2.0 m | Black | Unpacked
248.175	3.0 m | Black | Unpacked
248.185	3.0 m | Black | Individually packed
248.176	5.0 m | Black | Unpacked
248.186	5.0 m | Black | Individually packed

246.375

246.175

Contour supply cable | PVC

· 10 A / 250 V~ | 70 °C
· End 1: contour plug, moulded
· End 2: 30 mm stripped with ferrules

#	
Cable: H05VV-F 2 x 1.00 mm² | Diameter approx. 6.5 mm	
241.275	3.0 m | White | Unpacked
241.175	3.0 m | Black | Unpacked

241.275

Euro supply cable | PVC

· 2.5 A / 250 V~ | 70 °C
· End 1: 2.5 A Euro plug, moulded
· End 2: 25 mm stripped with ferrules

#	
Cable: H03VVH2-F 2 x 0.75 mm² | Flat cable approx. 3.6 x 5.6 mm	
202.274	2.0 m | White | Unpacked
202.284	2.0 m | White | Individually packed
202.174	2.0 m | Black | Unpacked
202.184	2.0 m | Black | Individually packed
202.275	3.0 m | White | Unpacked
202.285	3.0 m | White | Individually packed
202.175	3.0 m | Black | Unpacked
202.185	3.0 m | Black | Individually packed

202.274

Euro supply cable with intermediate switch | PVC

· 2.5 A / 250 V~ | 70 °C
· End 1: 2.5 A Euro plug, moulded
· End 2: 25 mm stripped with ferrules, 1-pole intermediate switch fitted after approx. 50 cm
· Switch dimensions: 63 x 25 x 14 mm

#	
Cable: H03VVH2-F 2 x 0.75 mm²	
211.274	1.8 m | White | Unpacked
211.174	1.8 m | Black | Unpacked

211.274

Non-heating device supply cable | PVC

· 10 A / 250 V~ | 70 °C
· End 1: right-angled plug with dual earthing contact system, moulded
· End 2: C13 non-heating device socket

#	
Cable: H05VV-F 3G 0.75 mm²	
351.174	2.0 m | Black | Unpacked
351.184	2.0 m | Black | Individually packed
351.974	2.0 m | Grey | Unpacked
351.984	2.0 m | Grey | Individually packed
Cable: H05VV-F 3G 1.00 mm²	
353.175	3.0 m | Black | Unpacked
353.185	3.0 m | Black | Individually packed
353.975	3.0 m | Grey | Unpacked
353.985	3.0 m | Grey | Individually packed
Cable: H05VV-F 3G 1.50 mm²	
356.172	0.5 m | Black | Individually packed
356.905	0.5 m | Grey | Individually packed
356.1721	0.75 m | Black | Individually packed
356.906	0.75 m | Grey | Individually packed
356.1722	1.0 m | Black | Individually packed
356.907	1.0 m | Grey | Individually packed
356.1723	1.5 m | Black | Individually packed
356.908	1.5 m | Grey | Individually packed
354.127	2.0 m | Black | Unpacked
356.909	2.0 m | Grey | Individually packed

353.975

Pictograms and their meaning can be found on page 279.

Non-heating device supply cable | PVC

· 16 A / 250 V~ | 70 °C
· End 1: right-angled plug with dual earthing contact system, moulded
· End 2: C19 non-heating device socket

#	
Cable: H05VV-F 3G 1.50 mm²	
356.1971	0.5 m | Black | Individually packed
356.937	0.5 m | Grey | Individually packed
356.1972	0.75 m | Black | Individually packed
356.938	0.75 m | Grey | Individually packed
356.1973	1.0 m | Black | Individually packed
356.939	1.0 m | Grey | Individually packed
356.1974	1.5 m | Black | Individually packed
356.940	1.5 m | Grey | Individually packed
356.1975	2.0 m | Black | Individually packed
352.174	2.0 m | Black | Unpacked
356.941	2.0 m | Grey | Individually packed
352.175	3.0 m | Black | Unpacked

352.175

Heating device supply cable | PVC

· 10 A / 250 V~
· for export only
· End 1: right-angled plug with dual earthing contact system, moulded
· End 2: heating device socket 10 A, IEC 320/C15, fitted

#	
Cable: H05VV-F 3G 1.00 mm² | Diameter approx. 7.0 mm	
361.174	2.0 m | Black | Unpacked
361.184	2.0 m | Black | Individually packed

361.174

Heating device supply cable | Rubber

· 10 A / 250 V~ | 155 °C
· End 1: central plug with dual earthing contact system, moulded
· End 2: heating device socket 10 A, mounted (916.170)

#	
Cable: H05RR-F 3G 1.00 mm² | Diameter approx. 6.5 mm	
372.174	2.0 m | Black | Unpacked
372.184	2.0 m | Black | Individually packed

372.174

Universal supply cable | PVC

· 10 A / 250 V~
· for export only
· End 1: right-angled plug with dual earthing contact system, moulded
· End 2: heating device socket 10 A, mounted

#	
Cable: H05VV-F 3G 1.00 mm² | Diameter approx. 7.0 mm	
373.174	2.0 m | Black | Unpacked

373.174
Similar to illustration

CABLES

Small appliance supply cable | PVC

· 2.5 A / 250 V~
· End 1: Euro flat plug, moulded
· End 2: small appliance socket, moulded

251.173

#	
Cable: H03VVH2-F 2 x 0.75 mm² | Flat cable approx. 3.6 x 5.6 mm	
251.173	1.5 m | Black | Unpacked
251.183	1.5 m | Black | Individually packed

Cooker connecting cable with ferrules | PVC

· 16 A / 250 V~ | 70 °C
· End 1: 50 mm stripped with ferrules
· End 2: 110 mm stripped with ferrules, 140 mm green/yellow protective conductor

116.271

#	
Cable: H05VV-F 5G 1.50 mm² | Diameter approx. 9.5 mm	
116.280	1.5 m | White | Individually packed
116.270	1.5 m | White | Unpacked
116.271	2.0 m | White | Unpacked
116.272	3.0 m | White | Unpacked
Cable: H05VV-F 3G 2.50 mm² | Diameter approx. 10.1 mm	
118.270	1.5 m | White | Unpacked
Cable: H05VV-F 5G 2.50 mm² | Diameter approx. 11.3 mm	
119.280	1.5 m | White | Individually packed
119.270	1.5 m | White | Unpacked
119.281	2.0 m | White | Individually packed
119.271	2.0 m | White | Unpacked
119.272	3.0 m | White | Unpacked

Cooker connecting cable with fork-type lugs | PVC

· 16 A / 250 V~ | 70 °C
· End 1: 50 mm stripped with ferrules
· End 2: 110 mm stripped with ferrules, 140 mm green/yellow protective conductor

119.274

#	
Cable: H05VV-F 5G 2.50 mm² | Diameter approx. 11.3 mm	
119.274	2.0 m | White | Unpacked

Pictograms and their meaning can be found on page 279.

Transparent connection cable

· Leads FEP T 180 °C/sheath PVC T 105 °C 450/750 V, earth conductor threads green/yellow
· End 1: 40 mm stripped with ferrules
· End 2: 40 mm stripped with ferrules
· Double-insulated cable

#	
FEP/PVC 3 x 0.75 mm²	
130.080	1.5 m
130.081	3.0 m
150.072	50.0 m ring
FEP/PVC 3 x 1.50 mm²	
131.080	1.5 m
131.081	3.0 m
150.070	50.0 m ring
FEP/PVC 5 x 0.75 mm²	
132.080	1.5 m
132.081	3.0 m
151.072	50.0 m ring
FEP/PVC 5 x 1.50 mm²	
133.080	1.5 m
133.081	3.0 m
151.070	50.0 m ring

130.081

CABLES

Properties and examples of use

· For contour and supply cable with earthing contact
· Contour supply cable: 244.875/244.876/249.875/249.876
· Supply cable with earthing contact: 328.875/328.876/327.875/327.876
· Contour supply cable: 244.875/244.876/249.875/249.876

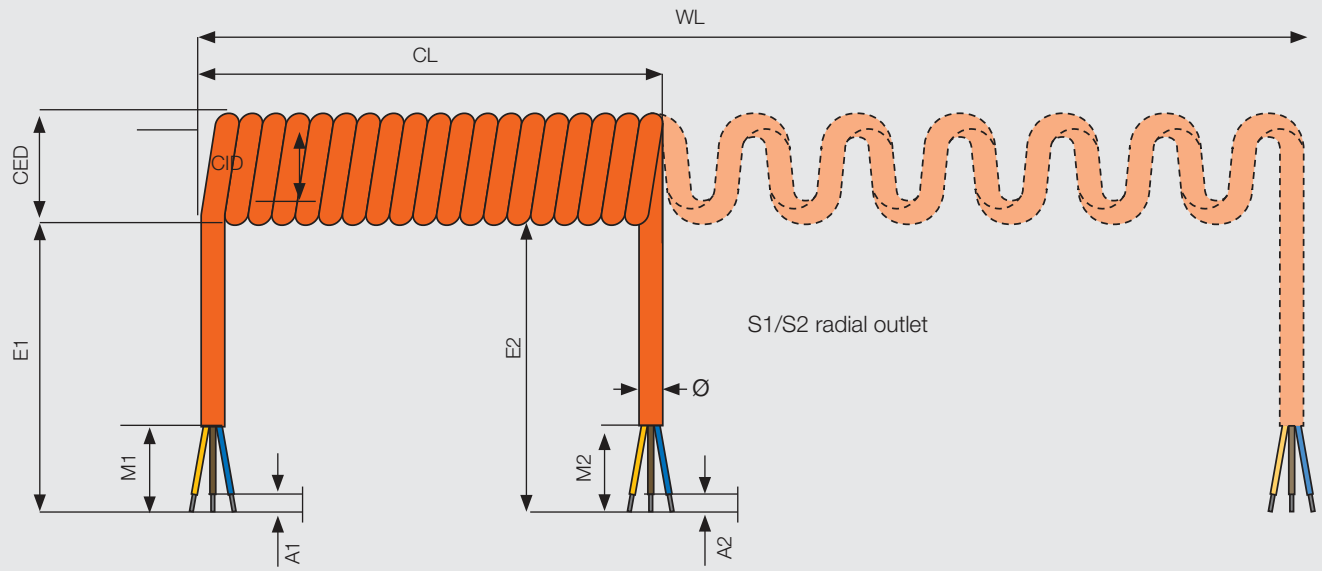
Cable construction

· Copper conductors, fine-stranded, tin-plated
· Wire insulation made from ethylene/propylene rubber
· Sheath made from polyurethane, blend type 11Ym1 in accordance with VDE 0250 Part 818/585

Examples of use

· Outdoors and in dry, damp and wet indoor areas
· For high mechanical stress on construction sites, in workshops, in mechanical and plant engineering and in the chemicals industry
· Wherever high requirements for abrasion resistance, impact resistance and oil resistance are laid down
· Particularly suitable as a supply cable for hand-held power tools

We can provide custom configurations to suit your specification or following free consultation with our experts. As a manufacturer of many years' standing, we possess a wealth of know-how.
See from page 268 (international plugs and couplings).



Coil length (CL)	= closed length
Working length (WL)	= max. stretched length
ø	= Cable diameter
CID	= coil internal diameter
CED	= coil external diameter
E1	= end 1
E2	= end 2
M1	= stripped
A1	= ferrule

CABLES

Spiral cables

As a leading manufacturer of spiral cables, we have extensive competence and count leading global companies among our customers. Specifically developed – from the helicopter communication helix to the robot coil in technically difficult environments, we will find the solution for you.

Spiral extension cable with earthing contact plug | PVC

· Elongation factor 1:4 | 70 °C
· End 1: central plug with dual earthing contact system, moulded
· End 2: coupling with earthing contact, moulded

#			
YMHY-J 3G 1.50 mm², diameter approx. 8.4 mm, CID: approx. 10 mm, CED: approx. 27 mm			
672.280	White	| Coil length: 500 mm	| Working length: 2000 mm
672.180	Black	| Coil length: 500 mm	| Working length: 2000 mm
672.281	White	| Coil length: 1000 mm	| Working length: 4000 mm
672.181	Black	| Coil length: 1000 mm	| Working length: 4000 mm

672.280

Pictograms and their meaning can be found on page 279.

Spiral cable with earthing contact | PUR | Orange

· Leads: rubber | Sheath: PUR | Elongation factor 1:5 | 70 °C
· End 1: length 100 mm straight, central plug with dual earthing contact system, moulded
· End 2: length 200 mm incl. 30 mm stripped, with ferrules

#	
H07BQ-F 3G 1.50 mm², diameter approx. 9.5 mm, WID: approx. 13 mm, WAD: approx. 32 mm	
665.870	Coil length: 500 mm | Working length: 2500 mm
665.871	Coil length: 1000 mm | Working length: 5000 mm

665.871

Contour supply cable | PUR | Orange

· Leads: rubber | Sheath: PUR | Elongation factor 1:5 | 70 °C
· End 1: contour plug, moulded
· End 2: length 100 mm incl. 30 mm stripped, with ferrules

#	
H05BQ-F 2 x 1.00 mm², diameter approx. 7 mm, WID: approx. 9 mm, WAD: approx. 23 mm	
624.871	Coil length: 1000 mm | Working length: 5000 mm

624.871

Spiral supply cable with earthing contact | PVC

· Leads: PVC | Sheath: PVC | Elongation factor 1:4 | 70 °C
· End 1: right-angled plug with dual earthing contact system, moulded
· End 2: length 100 mm incl. 30 mm stripped, with ferrules

#			
YMHY-J 3G 1.50 mm², diameter approx. 8.4 mm, CID: approx. 10 mm, CED: approx. 27 mm			
663.270	White	| Coil length: 500 mm	| Working length: 2000 mm
663.170	Black	| Coil length: 500 mm	| Working length: 2000 mm
672.271	White	| Coil length: 1000 mm	| Working length: 4000 mm
663.171	Black	| Coil length: 1000 mm	| Working length: 4000 mm

663.171

CABLES

Properties and examples of use

Leads PVC / sheath PVC
· Good value, low mechanical stiffness, medium chemical resistance, medium reset force
· For household appliances, lamps and IT systems

Leads PVC / sheath PUR
· Good chemical resistance, good resistance to cold, excellent abrasion and notching resistance, very good oil resistance, good reset force
· For connection cables in engineering and the building industry (construction equipment)

Leads rubber PUR / sheath PUR
· Good wear resistance, good chemical resistance, good resistance to cold, excellent abrasion and notching resistance, very good oil resistance, good reset force
· For machines and systems that require VDE-compliant connections:
for example, mechanical engineering, construction equipment, electric tools, communication technology – particularly suitable for use out of doors or in damp environments

Spiral cable, PUR

· Leads: rubber | Sheath: PUR | Elongation factor 1:5 | 70 °C
· End 1/end 2: 200 mm each, cut flush
· Characteristics: good chemical resistance, good resistance to cold, microbe resistant, excellent abrasion and notching resistance, microbe-proof, high resistance to chafing and grinding, good reset force
· Examples of use: for machines and systems that require VDE-compliant connections and in mechanical engineering, construction equipment, electric tools, communication technology
· Particularly suitable for outdoor use or in damp environments; UV-resistant

684.880

#	
H07BQ-F 3G 1.50 mm², diameter approx. 9.5 mm, WID: approx. 13 mm, WAD: approx. 32 mm	
684.880	Coil length: 500 mm | Working length: 2500 mm | Orange
684.881	Coil length: 1000 mm | Working length: 5000 mm | Orange
684.882	Coil length: 1500 mm | Working length: 7500 mm | Orange
H07BQ-F 5G 1.50 mm², diameter approx. 11.3 mm, CID: approx. 18 mm, CED: approx. 41 mm	
685.880	Coil length: 500 mm | Working length: 2500 mm | Orange
685.881	Coil length: 1000 mm | Working length: 5000 mm | Orange
685.882	Coil length: 1500 mm | Working length: 7500 mm | Orange
H07BQ-F 7G 1.50 mm², diameter approx. 13.9 mm, CID: approx. 18 mm, CED: approx. 46 mm	
681.880	Coil length: 500 mm | Working length: 2500 mm | Orange
681.881	Coil length: 1000 mm | Working length: 5000 mm | Orange
681.882	Coil length: 1500 mm | Working length: 7500 mm | Orange
H07BQ-F 3G 2.50 mm², diameter approx. 10.8 mm, WID: approx. 18 mm, WAD: approx. 40 mm	
682.880	Coil length: 500 mm | Working length: 2500 mm | Orange
682.881	Coil length: 1000 mm | Working length: 5000 mm | Orange
682.882	Coil length: 1500 mm | Working length: 7500 mm | Orange
H07BQ-F 5G 2.50 mm², diameter approx. 13.7 mm, CID: approx. 18 mm, CED: approx. 46 mm	
683.880	Coil length: 500 mm | Working length: 2500 mm | Orange
683.881	Coil length: 1000 mm | Working length: 5000 mm | Orange
683.882	Coil length: 1500 mm | Working length: 7500 mm | Orange

CABLES

Spiral cable, PUR

· Wires: PVC | Sheath: PUR | Elongation factor 1:5 | 70 °C

693.280

#			
YMH11Y-J 5x 1.50 mm², diameter approx. 10.0 mm, WID: approx. 18 mm, WAD: approx. 39 mm			
693.280	White	| Coil length: 500 mm	| Working length: 2500 mm
693.180	Black	| Coil length: 500 mm	| Working length: 2500 mm
693.281	White	| Coil length: 1000 mm	| Working length: 5000 mm
693.181	Black	| Coil length: 1000 mm	| Working length: 5000 mm
693.282	White	| Coil length: 1500 mm	| Working length: 7500 mm
693.182	Black	| Coil length: 1500 mm	| Working length: 7500 mm

Pictograms and their meaning can be found on page 279.

Spiral cable, PUR

· Wires: PVC | Sheath: PUR | Elongation factor 1:5 | 70 °C
· End 1/end 2: 200 mm each, cut flush
· Characteristics: good chemical resistance, good resistance to cold, excellent abrasion and notching resistance, very good reset force
· Examples of use: connection cables for engineering, the construction industry or robotics

692.280

#			
YMH11Y-J 3G 1.50 mm², diameter approx. 8.0 mm, WID: approx. 13 mm, WAD: approx. 29 mm			
692.280	White	| Coil length: 500 mm	| Working length: 2500 mm
692.180	Black	| Coil length: 500 mm	| Working length: 2500 mm
692.281	White	| Coil length: 1000 mm	| Working length: 5000 mm
692.181	Black	| Coil length: 1000 mm	| Working length: 5000 mm
692.282	White	| Coil length: 1500 mm	| Working length: 7500 mm
692.182	Black	| Coil length: 1500 mm	| Working length: 7500 mm

Spiral cables PVC

· Wires: PVC | Sheath: PVC | Elongation factor 1:4 | 70 °C
· Characteristics: good value, low mechanical resistance, medium chemical resistance, medium reset force
· Examples of use: lamps, IT systems and mobile devices/equipment

654.280

#			
YMHY-J 3G 1.50 mm², diameter approx. 8.4 mm, CID: approx. 10 mm, CED: approx. 27 mm			
654.280	White	| Coil length: 500 mm	| Working length: 2000 mm
654.180	Black	| Coil length: 500 mm	| Working length: 2000 mm
654.281	White	| Coil length: 1000 mm	| Working length: 4000 mm
654.181	Black	| Coil length: 1000 mm	| Working length: 4000 mm
654.282	White	| Coil length: 1500 mm	| Working length: 6000 mm
654.182	Black	| Coil length: 1500 mm	| Working length: 6000 mm

Lamp spiral cable

· Wires: PVC | 70 °C
· Ends: 140 mm each, incl. 80 mm stripped, with ferrules

654.284

#	
YMHY-J 3G 1.50 mm², diameter approx. 8.4 mm, CID: approx. 10 mm, CED: approx. 27 mm | Sheath: PVC, elongation factor 1:4	
654.283	Coil length: 400 mm | Working length: 1600 mm | White
654.284	Coil length: 800 mm | Working length: 3200 mm | White
YMH11Y-J 5 x 1.50 mm², diameter approx. 10 mm, WID: approx. 13 mm, WAD: approx. 34 mm | Sheath: PUR, elongation factor 1:5	
693.283	Coil length: 400 mm | Working length: 2000 mm | White

Wieland installation connection system

Device supply cable

#	
GST18 earthing contact	
Cable: H05VV-F 3G 1.50 mm² | End 1: right-angled plug with earthing contact | End 2: Wieland GST18i3 socket	
375.000	1.5 m | Black
375.075	2.0 m | Black
375.003	3.0 m | Black
375.005	4.0 m | Black
375.007	5.0 m | Black
375.039	10.0 m | Black
GST18 earthing contact | Halogen-free cable	
Cable: S05Z1Z1-F 3G 1.50 mm² | End 1: right-angled plug with earthing contact | End 2: Wieland GST18i3 socket	
375.044	2.0 m | Black
375.045	3.0 m | Black
375.046	5.0 m | Black
GST18 – CH / Switzerland plug	
Cable: H05VV-F 3G 1.00 mm² | End 1: CH / Switzerland plug | End 2: Wieland GST18i3 socket	
375.016	1.5 m | Black
375.017	3.0 m | Black
375.018	5.0 m | Black
GST18 – 13 A UK plug	
Cable: H05VV-F 3G 1.50 mm² | End 1: 13 A UK plug | End 2: Wieland GST18i3 socket	
375.068	2.0 m | Black
375.069	3.0 m | Black
375.070	4.0 m | Black

375.000

375.016

375.068

Device supply cable with additional earth connection

- Pre-assembled power supply cables with integrated earth connection
- The power strip is earthed independently of the installation
- Ideal in combination with STEP power strips (see page 26 onwards)
- Table-mounted frames can be earthed independently of the power strip

#	
GST18 earthing contact	
Cable: H05VV-F 3G 1.50 mm² | End 1: right-angled plug with earthing contact | End 2: Wieland GST18i3 socket with 0.3 m | 1.50 mm² green/yellow, with M6 ring terminal	
375.115	2.0 m | Black
375.116	3.0 m | Black
375.117	5.0 m | Black

375.117

For Wieland plugs / couplings, see page 55.

Device extension cable

#	
GST18/GST18	
Cable: H05VV-F 3G 1.50 mm² | End 1: Wieland GST18 i 3 plug | End 2: Wieland GST18 i 3 socket	
375.050	0.3 m
375.053	1.0 m
375.038	2.0 m
375.055	3.0 m
GST18/GST18 | Halogen-free cable	
Cable: S05Z1Z1-F3G 1.50 mm² | End 1: Wieland GST18 i 3 plug | End 2: Wieland GST18 i 3 socket	
375.080	0.3 m
375.081	1.0 m
375.082	2.0 m
375.083	3.0 m
GST15/GST18	
Cable: H05VV-F 3G 1.50 mm² | End 1: Wieland GST15 i 3 plug | End 2: Wieland GST18 i 3 socket	
375.127	1.5 m
375.128	3.0 m
375.129	5.0 m

375.050

375.127

Cables with ST18 connector system

· Old system, cannot be plugged in under load

#	
Device supply cable, ST18 earthing contact	
Cable: H05VV-F 3G 1.50 mm² | End 1: right-angled plug with earthing contact | End 2: Wieland ST18/3 socket	
375.079	2.0 m
375.040	3.0 m
375.076	5.0 m
Device extension cable, ST18/ST18	
Cable: H05VV-F 3G 1.50 mm² | End 1: Wieland ST18/3 plug | End 2: Wieland ST18/3 socket	
375.071	0.5 m
375.072	1.0 m
375.073	1.5 m
375.064	3.0 m

375.079

375.071

Interlocks

#	
Interlock for device plugs and couplings | Compliant with VDE 0628	
375.518	Snaps onto the relevant plugs and couplings
Locking latch (interlock) | Compliant with VDE 0628	
375.501	Black | For snap-in built-in plug and coupling

375.518

375.501

For Wieland plugs/couplings, see page 55.

Connectors / distributors

#	
Inter-coupling | No interlock | Allows easy linking of e.g. 2 STEP power strips with the same or different connector systems | 1 x input (plug section) and 1 x output (socket section)	
375.500	GST/GST | Black
375.515	GST/ST | Black
375.516	ST/GST | Black
Distributor block, GST18i3 For power distribution | Input: 3-pole plug section | Output: 3-pole socket section	
375.101	1 x input , 2 x output (1) | Black
375.102	1 x input , 2 x output (2) | Black
375.105	1 x input , 3 x output (3) | Black
Distributor block, GST18i5 Through-wiring for 3-phase power, 5 and 3-pole | Input: 1 x 5-pole plug | Output: 1 x 5-pole socket | 2 x 3-pole socket per phase	
375.106	1 x input, 1 + 6 x output | Black

375.500

375.101

375.102

375.102

375.106

Accessories

#	
End cap	
375.503	Black | Inserts into the snap-in fitted plug and coupling

375.503

CABLES

Accessories

Kabelsafe box, IP64

· Offers outstanding protection for power strips, extension cables and adapters
· 6 cable entries with individual strain relief
· Lockable and can be mounted at rear; very robust construction
· For permanent use in the garden and on construction sites
· Ideal for Christmas lights, garden devices and camping uses

#	
904.100	Light grey | Suitable for cable diameters from H05VV-F 3G 1.50 mm² to H07RN-F3G 1.50 mm² | UV-resistant | Suitable for e.g. SMART art. 387.270 | Usable surface: W x H x D: 310 x 125 x 250 mm

904.100

Cable box set, IP44

· For connecting cables
· Set in plastic bag: 1 x cable box, 2 x cable grommet, 1 x stopper

#	
924.351	Black | 230 V~ | 16 A | Cable types up to H07RN-F 3G 2.50 mm²

924.351

For Wieland plugs / couplings, see page 55.

Kabelsafe box, IP44

· Offers the best protection for power cable plug connectors
· Ideal for permanent outdoor use and on construction sites as it is water- and childproof
· Protects the plug connectors of your Christmas and party illuminations
· Practical applications in camping and for use with electric lawnmowers

#	
919.371	Orange | Max. cable diameter 9 mm | Internal dimensions 180 mm long, diameter 60 mm

919.371

Cable-carrying aid

· Handle facilitates transport of long cables or tubes
· Adjustable and pliable

#	
394.179	Orange

394.179

Patch cable

Patch cables

#	
CAT6a patch cable plug/socket | CAT7 cable, shielded | Conforms to IEC 61156-6 | End 1: RJ45 Hirose TM12 CAT6a plug with strain relief sleeve and unlocking tongue. End 2: CAT6a TKM 10GB Keystone socket | Fits into Keystone mounts 917.000/917.001/917.061/917.062	
918.033	3.0 m | Black
918.034	5.0 m | Black
CAT6a patch cable plug/plug | CAT7 cable, shielded | Conforms to IEC 61156-6 | Ends 1 and 2: RJ45 Hirose TM12 CAT6a plug with strain relief sleeve and unlocking tongue | Suitable for e.g. CAT6 socket/socket 940.044	
918.006	1.0 m | Black
918.007	3.0 m | Black
918.008	5.0 m | Black
CAT6 patch cable plug/plug| CAT6 cable, shielded | Conforms to ISO/IEC 11801 and EN 50173 | Ends 1 and 2: RJ45 plug with strain relief sleeve and protective tongue for interlock | Suitable for e.g. CAT6 socket/socket 940.044	
940.040	3.0 m | Grey
940.041	5.0 m | Grey
CAT5e patch cable plug/plug | CAT5e cable, shielded | Conforms to ISO/IEC 11801 and EN 50173 | Ends 1 and 2: RJ45 plug with strain relief sleeve and protective tongue for interlock | Suitable for e.g. CAT5e socket/socket 940.057	
918.003	1.0 m | Grey
940.052	3.0 m | Grey
940.053	5.0 m | Grey
RJ12 patch cable plug/plug | RJ12 cable, shielded | Conforms to ISO/IEC 11801 and EN 50173 | Ends 1 and 2: RJ12 plug with strain relief sleeve | Suitable for e.g. RJ12 socket/socket 940.085	
940.089*	3.0 m | Black

918.034

918.006

940.040

918.003

940.089

K For suitable **Keystones and Keystone mounts,** see from page 143.

* No storage type

USB cable

USB 3.0 connection cable

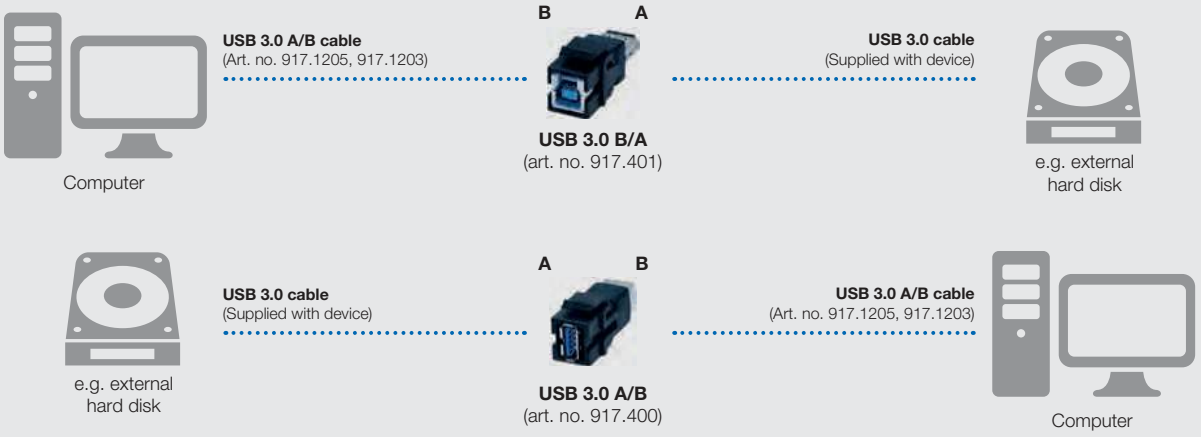
#	
USB 3.0 A/A connection cable | Straight-through (not for host-to-host connection) | Ends 1 and 2: plug A | Can be used with Custom Modules with USB A socket | Fully wired	
918.176	1.0 m | Black | Grey plug
918.178	2.0 m | Black | Grey plug
918.177	3.0 m | Black | Grey plug
USB 3.0 A/A connection cable | Crossed (for host-to-host connection) | Ends 1 and 2: plug A | Can be used with Custom Modules with USB A socket | Fully wired	
918.081	1.0 m | Black | Black plug
918.083	1.8 m | Black | Black plug
918.082	3.0 m | Black | Black plug
USB 3.0 A/B connection cable | End 1: plug A | End 2: plug B | Fully wired	
917.1205	1.0 m | Black | Black plug
917.1203	3.0 m | Black | Black plug

918.176

918.081

917.1205

Connection with A/B or B/A Keystone module for USB 3.0 connection



Connection with A/A Keystone module for USB 3.0 connection

K For suitable **Keystones,** see from page 144.

HDMI cable

HDMI connection cable

· Digital transmission of image and audio signals
· Can be used with Custom Modules with HDMI socket/socket (e.g. 918.041)

918.0191

#	
HDMI 2.0 cable | Long distance | Solid metal | HDMI standard 3840 x 2160 px (ultra HD) | Ends 1 and 2: 19-pole HDMI plug	
918.0201	7.5 m | Black
HDMI 2.0 cable | HDMI standard 3840 x 2160 px (ultra HD) | Ends 1 and 2: 19-pole HDMI plug	
918.0191	1.0 m | Black
918.0192	3.0 m | Black
918.0193	5.0 m | Black
HDMI 1.3 cable | HDMI standard 1920 x 1080 px (full HD) | Ends 1 and 2: 19-pole HDMI plug	
918.019	3.0 m | Black
918.020	5.0 m | Black

DisplayPort cable

DisplayPort digital cabling

· DisplayPort connection cable
· 3840 x 2160 px (ultra HD)
· Can be used with Custom Modules with DisplayPort socket/socket (e.g. 917.145)
· Ends 1 and 2: 20-pole DisplayPort plug

#	
918.0951	1.0 m | Black
918.0952	3.0 m | Black
918.0953	5.0 m | Black

For cable lengths, we recommend a max. length of 7.5 m to ensure the HDMI standard quality (ultra HD).

For suitable **Custom Modules,** see from page 140.

VGA cable

15-pole VGA HD extension cable

#	
1 x VGA | To connect from: connector panel to laptop, connector panel to signal booster, signal booster to monitor/TV (optional) | Ends 1 and 2: 1 x VGA plug 15 HD	
918.009	1.0 m | Black
940.047	3.0 m | Black
940.048	5.0 m | Black

918.009

High-quality combination cable

#	
1 x VGA | 1 x miniature jack | 1 x control signal | High flexibility | Ends 1 and 2: 1 x VGA plug 15 HD; 1 x miniature jack plug 3.5 mm; 1 x RJ12 | Plug with metal housing and shielding | Additional ferrite cores are not needed | Can be used with Custom Modules with VGA | + miniature jack socket/socket and button (e.g. 917.134)	
903.107	1.0 m | Black
903.108	3.0 m | Black
903.109	5.0 m | Black
903.110	10.0 m | Black

903.110

1 x VGA | 1 x miniature jack | To connect from: connector panel to laptop, connector panel to signal booster, signal booster to monitor/TV (optional) | Ends 1 and 2: 1 x VGA plug 15 HD, 1 x miniature jack plug 3.5 mm | Plug with metal housing and shielding	
918.066	1.0 m | Black
918.067	3.0 m | Black
918.068	5.0 m | Black
918.069	10.0 m | Black

918.069

DVI-I cable

DVI-I connection cable

- Digital transmission of image signals
- Compatible with DVI-A and DVI-D plug connectors
- Can be used with Custom Modules with DVI-I socket/socket (e.g. 917.021/917.078)

#	
Ends 1 and 2: 1 x DVI plug	
918.017	3.0 m | Black
918.018*	5.0 m | Black

918.017

C For suitable **Custom Modules,** see from page 140.

* No storage type

Cinch cable

Cinch video + stereo connection cable

· Transmission of analogue image and audio signals
· Can be used with Custom Modules with Cinch socket/socket (e.g. 917.026)

#	
Ends 1 and 2: Cinch plug (red + white + yellow)	
918.015*	3.0 m | Black
918.016*	5.0 m | Black

918.015

S-video (Hosiden) connection cable

· Transmission of analogue image signals
· Can be used with Custom Modules with S-video socket/socket (e.g. 917.028/917.035)

#	
Ends 1 and 2: S-video plug	
940.104*	3.0 m | Black
940.105*	5.0 m | Black

940.104

Cinch stereo connection cable

· Transmission of audio signals
· Can be used with Custom Modules with Cinch socket/socket (e.g. 917.027/917.028/917.022/917.023)

#	
Ends 1 and 2: Cinch stereo plug (red + white)	
940.049	3.0 m | Black

940.049

For suitable **Custom Modules,** see from page 140.

* No storage type

Pictograms and their meaning can be found on page 279.

Lamps

Mobile

Stick lamps/handheld lamps 192

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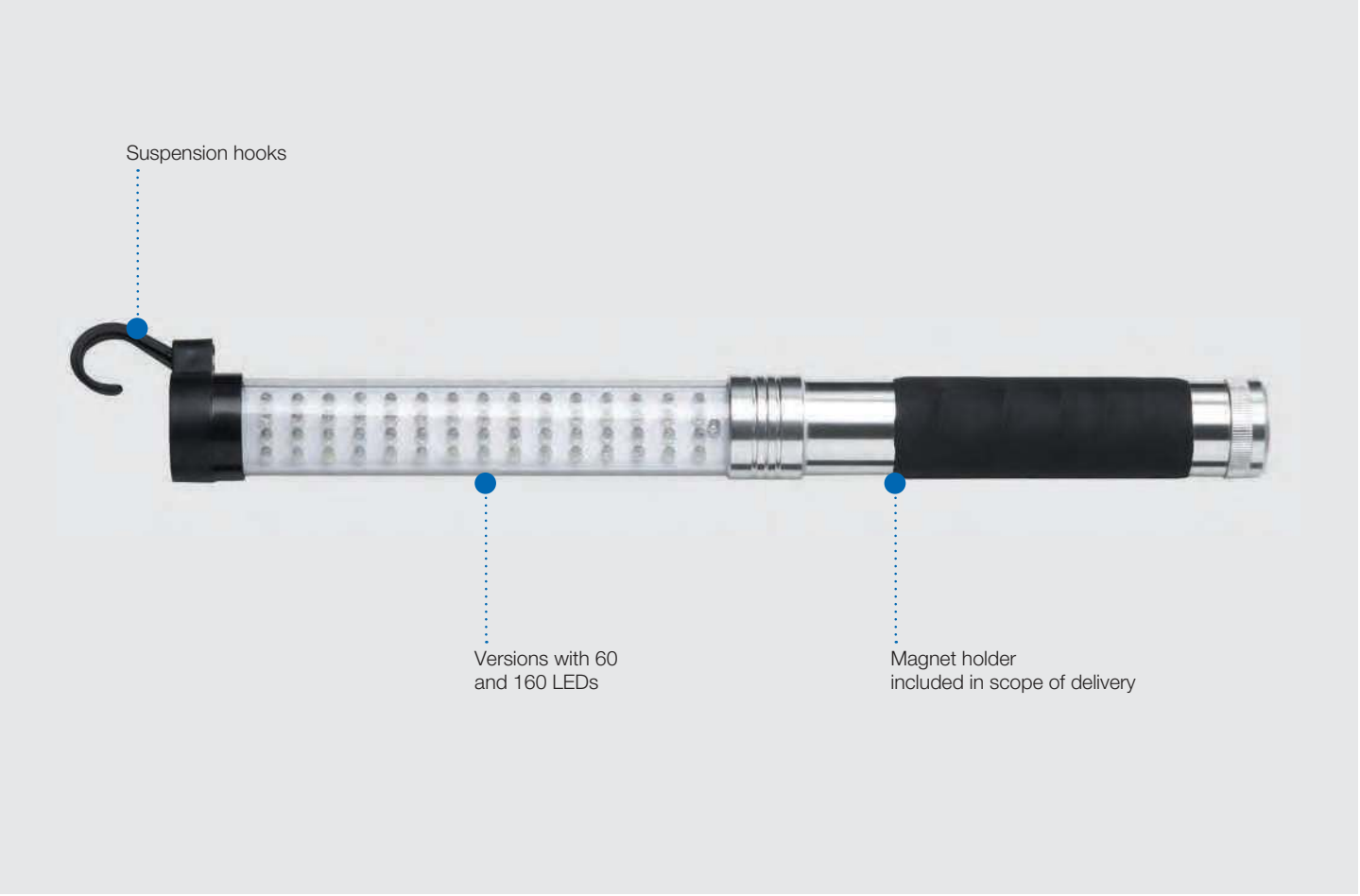


Stick lamps/ handheld lamps

BENEFITS

- **Very long service life**
- **Flexible use**
- **Including suspension hooks**
- **Sturdy handle**
- **Shock-resistant**
- **Minimal heat generation**

 Pictograms and their meaning can be found on page 279.

Battery-powered LED handheld lamp

· Magnetic holder
· Plastic
· 230 V~ mains adapter
· Automotive charging device
· Individually packed in blister packaging
· Diameter 6 cm

#	
Battery-powered LED handheld lamp	
394.188	60 LEDs, 3.6 W | With 1 magnetic holder | Length: 42 cm
394.190	160 LEDs, 9.6 W | With 2 magnetic holder | Length: 53.5 cm
PROFESSIONAL battery-powered LED handheld lamp	
394.191	60 + 17 LEDs for torch function | With 2 magnetic holders | Length: 45.5 cm

394.188

394.190

394.191

Stick lamp

· 8 W fluorescent lamp
· Not changeable, with integrated reflector
· Electronic ballast unit built into the handle, 50 Hz
· Plastic version with shock resistant protection tube and rotary hook
· 5.0 m H05VV-F 2 x 0.75 mm² supply cable with 2.5 A Euro plug
· IP20, including light bulb

#	
394.184	Black | Diameter 1.5 cm | Length without hook: 46.5 cm

394.184

Professional stick lamp with energy saving lamp

· 11 W/250 V~, IP54
· Changeable, anti-glare, pleasant light
· Oil resistant rubber version with shock resistant protection tube
· Integrated reflector and robust suspension hooks
· 5.0 m H05RN-F 2 x 1.00 mm² rubber cable with contour plug
· Splash-proof and dustproof design
· Including light bulb (Dulux S 11 watts)

#	
720.006	Black | Protection class II | Double insulation | Length: 40 cm

720.006

Rubber hand lamp

· E27 holder, max 100 W / 250 V~
· Changeable, with protective glass
· Oil-resistant rubber design
· Metal basket with integrated hook, light bulbs not included
· Length: 27 cm

#	
394.183	**5.0 m H05RN-F 2 x 1.0 mm² supply cable with plug** | IP44 | Protection class II | Double insulation | Black
394.187	**Without cable** | IP40 | Black
910.1011	**Replacement glass** | Protective glass

394.183

Professional work lamps

LAMPS

BENEFITS

- **For use on construction sites**
- **Splash-proof and dust-proof versions**
- **Infinitely adjustable support bracket for positioning**
- **Tripod mounting possible**
- **Version with integrated socket outlets with earthing contact**

Professional work lamp

· Shadow-free and pleasant light
· 250 V~ socket outlets with earthing contact fitted in rear of housing to allow other equipment to be connected (part nos. 720.020 and 720.021)
· Examples of use: workshops, tradesmen, ideal for outdoor use and on construction sites.
· Lamp: neon lamps 36 W TC-L

#	
720.020	**2 x socket outlet with earthing contact** 72 W (2 x 36 W) | 5800 lumens | 49.5 x 28.5 x 11 cm
720.021	**1 x socket outlet with earthing contact** 108 W (3 x 36 W) | 8700 lumens | 55 x 29 x 11 cm
720.022	**Without socket outlet with earthing contact** 36 W (2 x 18 W) | 2900 lumens | 34 x 23 x 11 cm

720.020

720.021

720.022

Pictograms and their meaning can be found on page 279.

LED spotlight Magnum Future

#	
720.035	2 x socket outlets with earthing contact on rear | With SMD LED | 32 W/250 V~ | IP44

720.035

Professional tripod

· Robust tripod construction | Zinc-plated | With mounting plate, fixing screws and cable rewind
· Height adjustable up to 2.50 m
· Weight: 6 kg
· Suitable for 720.020, 720.021, 720.022 and 720.035

#	
730.004	Silver

730.004

Mobile halogen lamp

· 2 m cable: H05VV-F3G 1.00 mm² with plug
· 400 W R7S halogen bulb included
· Aluminium die-cast housing with cooling fins
· Continuously adjustable frame in black with carrying handle

#	
720.013	Black | 400 W | IP44

720.013

Mobile halogen lamp with tripod

· 2 m cable: H05VV-F3G 1.00 mm² with plug
· 400 W R7S halogen bulb included
· Aluminium die-cast housing with cooling fins
· Stand with aluminium die-cast articulation | Height adjustable up to 2 m
· With practical cable rewind
· For outside use

#	
722.009	Stand colour yellow | Load 5-7 kg | 400 W | IP44

722.009

Battery-powered LED spotlight

· With Li-Ion battery
· IP54 | A+ energy efficiency class
· With 230 V mains adapter and 12 V in-vehicle charging cable

#	
720.036	10 W Samsung LED chip
720.037	20 W Samsung LED chip

720.036

720.037

LED spotlights

Chip LED spotlight

· LED class 1 | Colour temperature 4000 K
· IP65 | 220-240 V~ / 50-60 Hz
· 2 m supply cable H07RN-F 3G 1.5 mm² with plug with earthing contact
· Radiation angle 120°
· Die-cast aluminium housing
· Swivelling and lockable reflector with safety glass
· For continuous outdoor use
· Low power consumption
· Practical hanging, positioning and fixing options

720.025

720.026

#	
720.025	**50 W with LED chip** approx. 3600 lumen, colour temperature 6400 K
720.026	**80 W with LED chip** approx. 7000 lumen, colour temperature 6400 K

Professional power LED spotlight

· LED class 1 | Colour temperature 6400 K
· 220-240 V~ / 50-60 Hz
· Radiation angle 60°
· Die-cast aluminium housing
· Swivelling and lockable reflector with safety glass
· LED technology offers very long service life
· Minimal heat generation

720.029

720.030

720.031

#	
720.029	**Without supply cable** 12 W | Approx. 960 lumen | Metal cable inlet for cables up to 3G 1.50 mm² | IP65
720.030	**Without supply cable, with 120° motion detector** 12 W | Approx. 960 lumen | Metal cable inlet for cables up to 3G 1.50 mm² | IP65 | Motion detector: range max. 12 m | Time adjustable from 9 sec. to 10 min. | Integrated dawn switch | IP44
720.031	**1.5 m supply cable H05RN-F 3G 1.00 mm² with plug with earthing contact** 7 W with earth spike | Approx. 560 lumen | IP44

 Pictograms and their meaning can be found on page 279.

Illumination material

Light chain

· With plug and end piece
· External dimensions approx. 5.30 x 13.30 mm
· Including rubber plug and end piece with hook
· Without light bulb

#	
740.005	**10 m cable** With 10 E 27 lamp holders | Green
740.006	**20 m cable** With 20 E 27 lamp holders | Green

740.005

Lamp holders

#	
E 27 illumination lamp holder | For outdoor use | Heat- and weather-resistant thermoplastic	
740.000	Max. 40 W | Protection class II/IP44 | Up to 165 °C without sealing ring | Splash-proof when used with sealing ring (740.001/740.012) – please order separately
Illumination lamp holder with mounting base | Black | For fixing to firm surfaces | Only use outside with rubber seal | Sealing ring (740.001/740.012) – please order separately	
740.010	E 14 | Fixing screw spacing: 40 mm
740.011	E 27 | Fixing screw spacing: 46 mm

740.000

740.011

Sealing ring for illumination lamp holders

· For fitting or retrofitting lamp holders to light chains for outdoor use
· Guaranteed protection from water droplets when the bulb is directed downwards

#	
740.001	E 27 | Black
740.012	E 14 | Black

740.001

Accessories for illumination light chains

#	
740.015	**Connecting box** Black | For flat cables H05RN H2 x 1.50 mm²
740.017	**Solid rubber right-angled plug** Black | IP44 | For flat cables | With snap latch | With surface clamps | Assembled with two screws at front
740.002	**Flat cable plug for illumination cable 16 A/250 V~** Black | DIN 49406 | For cables H05RN H2-F2x 1.5 mm² solid rubber version | Without earthing contact | With snap latch
740.003	**Flat coupling for illumination cable** Black | DIN 0282 | With hinged lid and mounting | Without earthing contact | For contour plugs only
740.004	**End piece for illumination cable** Black | DIN 0282 | With mounting hook | Provides a secure end to cables

740.015

740.017

740.002

740.003

740.004

Accessories

Lamp holder, pre-wired

· 60 W plastic E 27 holder
· 0.2 m H03VV-F 2 x 0.75 mm²
· 250 V~ | 4 A | T180

#	
With 2-pole screw terminal	
641.1701	Black
641.2701	White
With plug-in terminal	
641.1711	Black
641.2711	White

641.1701
Similar to illustration

641.1711

E 27 holder with earth spike

· Plastic housing with seal, splash-proof
· Lamp holder can be pivoted
· For use only with PAR38 80 W light bulb (not included)

#	
720.000	Black | IP44 | 2.0 m cable: H05RN-F 2 x 1.00 mm² with contour plug

720.000

Light bulb adapter

#	
730.005	**Converts E 27 fitting to E 14** External thread: E 27 | Internal thread: E 14 | Thread: brass | Insulation: plastic
730.008	**Converts E 40 fitting to E 27** External thread: E 40 | Internal thread: E 27 | Thread: brass | Insulation: porcelain

730.005

730.008

Porcelain terminal

#	
For wire cross sections up to 2.50 mm² | Without wire protection, heat-resistant up to 20 °C/temperature of low-volt range	
950.000	1-pole | Dimensions: 17 x 9.5 x 12 mm | Hole diameter approx. 3.1 mm
950.002	2-pole with central fixing hole | Dimensions: 21 x 18 x 16 mm | Hole diameter approx. 4.3 mm
950.003	3-pole with central fixing hole | Dimensions: 33 x 19 x 16 mm | Hole diameter approx. 4.3 mm
For wire cross sections up to 4 mm²	
950.004	2-pole with central fixing hole | Dimensions: 24 x 22 x 22 mm | Hole diameter approx. 5.0 mm

950.000

950.002

950.003

950.004

Ceiling box, diameter 70 mm

· Including screw and strain relief

#	
190.273	White | Height approx. 20.0 mm

190.273

Pictograms and their meaning can be found on page 279.

Silicone housing, MAXI series 1000

· For halogen cold light mirror lamps 6U 5.3, diameter 51 mm, 12 V ~, maximum 35 W
· Do not use Cool Beam light bulbs
· Triple-insulated | Light bulbs not included

#	
With cable and ceramic lamp holder	
924.224	Transparent
924.225	White
With cable and ceramic lamp holder | Loose | Supplied in bags of 50	
924.332	White
Without cable and ceramic lamp holder | Loose | Supplied in bags of 50	
924.334	White

924.224

Decorative rings, series 1002

· For MAXI series 1000 silicone housing
· Dimensions: inner 5 cm, outer 8 cm

#	
924.250	Matt brushed stainless steel

924.250

Silicone recessed spotlight housing, MAXI series 1000 GU10

· MAXI silicone recessed spotlight housing for high-voltage halogen and LED light bulbs with GU10 lamp base
· Diameter: 51 mm | 230 V~ | Max. 35 W or GU10 V LED lamp up to 5 W

#	
924.350	White
924.352	Transparent
924.355	Grey (similar to RAL7016)

924.350

LAMPS

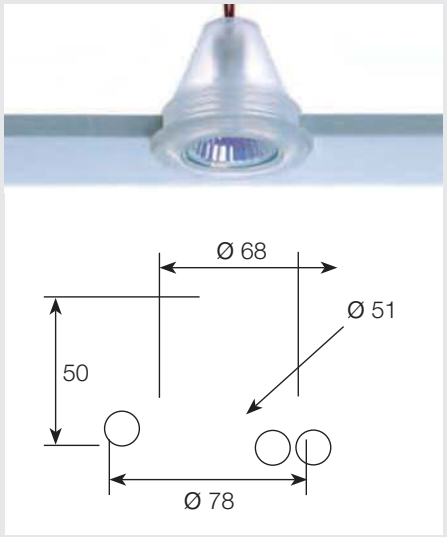
MAXI silicone housing for low-voltage recessed halogen spotlights

The MAXI silicone housing consists of a high-tech, high-temperature-resistant elastomer with exceptional material properties that will suit a wide range of applications:

- Totally rust-free
- Resistant to UV, ozone and ageing
- Heat- and cold-resistant
- Excellent resistance to weather and maritime environments
- Quick and easy to assemble and dismantle
- No fitting of individual components
- Bulb changes without tools
- No troublesome metal rings
- Can also be used for shops and exhibition stands (to match décor!)
- Quick mounting technology
- Fitting without springs

Can be fitted in:

- Solid material of various thicknesses
- Fragile materials such as Rigips, fibreboards, fixing plates, etc.



Electrotechnical accessories

InterBÄR

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Dimmers

LED dimmer for external buttons, series 8122

· 230 V~ | 50 Hz | 4-160 W/VA | LED 3-55 W
· For dimmable LED lamps, high-voltage halogen lamps and light bulbs
· Phase-control dimmer with soft-start and memory function
· Totally silent dimming!
· On/Off/Dimming using external button

#	
924.083	Black

924.083

LED-Line Touch Dimmer, series 8124

· 230 V~ | 50 Hz | 5-150 W/VA | LED 3-55 W
· For dimmable LED lamps, high-voltage halogen lamps, light bulbs, dimmable LED filament lamps
· On/Off/Dimming using a pushbutton
· Soft-start and memory function
· With orientation light
· Flicker-free dimming due to individual lamp adjustment
· For connecting textile cables and cables with a diameter of max. 7.5 mm
· Works in complete silence
· For hand and foot operation

#	
924.0166	Black
924.0167	White

924.0166

924.0167

LED-Line Touch Dimmer, series 8119 | 81 x 32 x 23 mm

· With soft-start and memory function
· 230 V~ (+/- 10%), 50 Hz, 5-100 W/VA, LED 3-35 W
· For dimmable LED lamps, high-voltage halogen lamps and light bulbs
· Electronic, transistor-controlled, phase-controlled dimmer without inductor
· On/Off/Dimming using a pushbutton
· Active current limitation with overtemperature protection
· Low-noise operation
· Flicker-free dimming due to option of setting basic and maximum brightness
· For connection cables with a diameter of max. 7.5 mm
· Compact design

#	
924.354	Black

924.354

LED intermediate dimmer, series 8116

· 230 V~ | 50 Hz | 7-110 W/VA | LED 3-35 W
· Separate on and off switches, control wheel provides dimming function.
· For low-voltage halogen lamps with conventional transformers, high-voltage halogen lamps and light bulbs

#	
924.0161	Black | For dimmable LED lamps and energy saving lamps

924.0161

Pictograms and their meaning can be found on page 279.

Line intermediate Dimmer / reverse phase control dimmer, series 8113 | 130 x 60 x 35 mm

· 230 V~ | 50 Hz | 20 to 300 VA
· Connection options can be freely selected (as intermediate or end dimmer)
· Hand and foot operation
· Night light in the dark | Separate on and off switches
· For low-voltage halogen lamps with electronic transformers, high-voltage halogen lamps and light bulbs
· No fuse protection | Buzz-free

#	
924.338	Housing black
924.353	Housing transparent

924.338

924.353

LED-Line Rotary Dimmer, series 8118 | Diameter 33 mm x L110 mm

· 230 V~ (+/- 10 %) | 50 Hz | 5-100 W/VA, LED 3-35 W
· Electronic, transistor-controlled, phase-controlled dimmer without inductor
· For dimmable LED lamps, high-voltage halogen lamps and light bulbs
· On/Off/Dimming by turning the housing
· Active current limitation with overtemperature protection
· Works in complete silence
· Flicker-free dimming due to option of setting basic and maximum brightness
· With microswitch and fine grid
· Can be freely positioned thanks to symmetrical design
· For connecting textile cables with a diameter of max. 8 mm

#	
924.0163	Black without cable
924.0164	White without cable
924.0165	Transparent without cable

924.0163

924.0164

924.0165

Line intermediate Dimmer, series 8114 | 96 x 41 x 29 mm

· 250 V~ | 50 Hz | 20 to 200 W/VA
· Rotary off function, with protective conductor connection
· For low-voltage halogen lamps with conventional transformers, high-voltage halogen lamps and light bulbs
· Externally accessible fuse holder for easy replacement of fuse

#	
924.340	Housing black | Rotating wheel light grey
924.342	Housing transparent | Rotating wheel light grey
924.343	Housing white | Rotating wheel light grey
924.344	Housing gold | Rotating wheel black

924.340

924.342

924.343

924.344

Line intermediate Dimmer, series 8013 | 107 x 60 x 30 mm

· 250 V~ | 20-500 W
· For low-voltage halogen lamps with conventional transformers, high-voltage halogen lamps and light bulbs
· For hand and foot operation

#	
924.075	Housing black | Slider black
924.076	Housing white | Slider white
924.077	Housing gold | Slider gold
924.265	Housing titanium | Slider black
924.336	Housing transparent | Slider transparent

924.075

924.075

924.077

924.265

924.336

Line intermediate dimmer, series 8015 | 92 x 28 x 27 mm

· 230 V~ | From 40 to 160 W | With 0.8 A micro fuse
· With illumination | For light bulbs | With strain relief

#	
924.267	Housing transparent
924.081	Housing black
924.082	Housing white

924.267

924.081

924.082

Line-End dimmer, series 8013 | 107 x 60 x 30 mm

· 250 V~ | For high-voltage halogen lamps, light bulbs and low-voltage halogen lamps (for conventional transformers) from 20-500 W
· Hand and foot operation
· With 2 m cable and appliance plug, plug with child protection

#	
924.078	Housing black | Slider black
924.079	Housing white | Slider white
924.080	Housing gold | Slider gold
924.266	Housing titanium | Slider black

924.078

924.079

924.080

924.266

Pictograms and their meaning can be found on page 279.

Switches / buttons

Line-Intermediate switch, series 5052 | 66 x 30 x 21 mm

· 2 A / 250 V~ | On / Off switch, 2-pole
· With screwed contacts
· Do not use Cool Beam light bulbs
· For double insulated flat cable 2 x 0.75 mm
· Marking 0 – 1

#	
Non-illuminated, for protection class II equipment	
924.028	Housing black | Rocker black
924.029	Housing white | Rocker white
Illuminated, for protection class II equipment	
924.031	Housing white | Rocker white

924.028

924.029

924.031

Line-Intermediate switch, series 5044 | 81 x 32 x 29 mm

· 2 (1) A / 250 V~ | On / Off switch, 1-pole
· Housing and strain relief screwed, 2 connecting terminals
· For dual-insulated flat cable 2 x 0.75 mm² and 3 x 0.75 mm²
· Strain relief
· Screwed contacts

#	
924.259	Housing transparent | Button transparent
924.023	Housing white | Button black
924.024	Housing black | Button black
924.025	Housing white | Button white
924.026	Housing brown | Button beige
924.027	Housing gold | Button gold
924.260	Housing titanium | Button black

924.259

924.023

924.024

924.025

924.026

924.027

924.260

Line-Intermediate switch, series 8007 | 61 x 23 x 15 mm

· 2 A / 250 V~ | On / Off switch, 1-pole
· Screwed housing and strain relief
· Connecting terminal for neutral conductor
· For double-insulated flat cable 2 x 0.75 mm²
· Screwed contacts

#	
924.036	Housing black | Rocker black
924.037	Housing white | Rocker white
924.038	Housing brown | Rocker brown
924.039	Housing gold | Rocker gold

924.036

924.037

924.038

924.039

Line-Intermediate switch line, series 8002 | 58 x 28 x 29 mm (without button)

· 2 A / 250 V~ | On / Off switch, 1-pole
· Strain relief, screwed
· Snap-in mounting, with inserted pushbutton switch | Button diameter 12 mm
· Connecting terminal for neutral conductor
· For double-insulated flat cable 2 x 0.75 mm²

#	
924.032	Housing black | Button black
924.033	Housing white | Button white
924.034	Housing brown | Button brown

924.032

924.033

924.034

Line-Intermediate switch, series 5055 | 67 x 22 x 17 mm (without rocker)

· 3(2) A / 250 V~ | On / Off switch, 1-pole
· Strain relief by insulated material screw, snap-in mounting assembly
· Connecting terminal for neutral conductor
· Contacts with silver, therefore particularly suitable for LED
· For dual-insulated flat cable 2 x 0.5 mm² and 2 x 0.75 mm²

#	
924.043	Housing black | Rocker black
924.044	Housing white | Rocker white
924.045	Housing brown | Rocker brown
924.046	Housing gold | Rocker gold
924.261	Housing titanium | Rocker black

924.043

924.044

924.045

924.046

924.261

Line-Intermediate switch, series 8006 | 76 x 26 x 23 mm

· 6(4) A / 250 V~ | On / Off switch, 1-pole
· Screwed housing and strain relief | 2 connecting terminals
· Marking 0 – I
· For dual-insulated flat cable 2 x 0.75 mm² and 3 x 0.75 mm²
· Suitable for switching the secondary circuit of halogen lamp

#	
924.047	Housing black | Rocker black
924.048	Housing white | Rocker white
924.049	Housing brown | Rocker brown
924.050	Housing gold | Rocker brown

924.047

924.048

924.049

924.050

Line-Intermediate switch, series 8010 | 80 x 30 x 25 mm

· 10(4) A / 250 V~ | On / Off switch, 2-pole
· Screwed housing and strain relief | Connector terminal for protective conductor
· Marking 0 – I
· For cables 2 x 0.75 mm² and 3 x 0.75 mm²

#	
924.051	Housing black | Rocker red
924.052	Housing white | Rocker white
924.053	Housing brown | Rocker beige

924.051

924.052

924.053

Pictograms and their meaning can be found on page 279.

Line-Intermediate switch, series 8010 | 80 x 30 x 25 mm

· 10(4) A / 250 V~ | On / Off switch, 2-pole
· Screwed housing and strain relief, connecting terminal for protective conductor
· Marking 0 – I
· Illuminated
· For cables 2 x 0.75 mm² and 3 x 0.75 mm²
· Screwed contacts

#	
924.327	Housing, black | Rocker, red

924.327

Line-Intermediate switch, series 8011 | 105 x 37 x 37 mm

· 2 A/250 V~ | Multi-circuit switch, 1-pole
· Housing with double cable on both sides
· 2 connecting terminals
· Circuit 0-1-1+2-2-0
· For cables 2 x 0.75 mm² and 3 x 0.75 mm²
· Screwed contacts

#	
924.054	Housing black | Button black
924.055	Housing white | Button white

924.054

924.055

Foot intermediate switches

· Diameter 66 mm
· With screwed contacts
· For cables 2 x 0.75 mm² and 3 x 0.75 mm²
· 2 connecting terminals
· Housing snap-in mounting
· Strain relief, screwed
· Strain relief

#	
Foot intermediate switch, series 5062 | 2(1) A / 250 V~ | On / Off switch, 1-pole	
924.056	Housing gold | Button gold
924.057	Housing white | Button black
924.058	Housing black | Button black
924.059	Housing white | Button white
924.060	Housing brown | Button beige
Foot intermediate switch, series 8009 | 2(1) A / 250 V~ | On / Off switch, 1-pole	
924.062	Housing black | Button black
924.063	Housing white | Button white
924.064	Housing brown | Button brown
924.065	Housing gold | Button gold
Foot intermediate switch, series 8009 | 6(2) A / 250 V~ | On / Off switch, 1-pole | Suitable for secondary-phase halogen lamp switching	
924.068	Housing black | Button black
924.069	Housing white | Button white
Foot intermediate switch, series 8009 | 2(1) A / 250 V~ | Multi-circuit switch, 1-pole | Circuit 0-1-1+2-2-0	
924.066	Housing white | Button black
924.067	Housing black | Button black
924.264	Housing gold | Button gold
Foot intermediate switch, series 8008 | 2 A / 250 V~ | On / Off switch, 1-pole	
924.061	Housing brass | Button black | Screwed housing and strain relief

924.058

924.059

924.060

924.064

924.068

924.069

924.061

Pull switch | On / Off switch, 1-pole

· Screwed contacts
· T 125 °C

#	
Pull switch, series 3716 | 4(1) A / 250 V~	
924.151	Housing black | Two-hole fixing | Hole spacing 20 mm | Fixing holes, 3.4 mm diameter
Pull switch, series 3730 | 2(1) A / 250 V~	
924.152	Housing black | Single-hole fixing | Fixing holes, 3.2 mm diameter
924.153	Housing black | Hole spacing 22-25 mm | With screw-on brackets
Pull switch, series 3746 | 2 A / 250 V~ | Two-hole fixing | Hole spacing 22 mm | Fixing holes, 3.4 mm diameter	
924.154	Housing brown-black | Pull cord entry on end face
924.155	Housing brown-black | Pull cord entry on side face
Pull switch, series 3746 | 2 A / 250 V~ | Hole spacing 23 mm | Fixing holes, 3.4 mm diameter | With fixing plate	
924.156	Housing brown-black | Pull cord entry on end face

924.151

924.152

924.153

924.154

924.156

Pull switch | On / Off switch, 2-pole

· Fixing holes, 3.4 mm diameter, screwed contacts
· Two-hole mounting
· Hole distance 20 mm
· T 100 °C

#	
Pull switch, series 8017 | 2 A/250 V~	
924.159	Housing black

924.159

Pull serial switch, series 3776

· Mounting holes, 3.15 mm diameter
· Screwed contacts
· Circuit 0-1-1+2-2-0
· T 85 °C

#	
924.157	2 A / 250 V ~ | Multi-circuit switch, 1-pole

924.157

Pull cord

· 25 cm, with cone shaped handle
· Suitable for switch types 3716, 3730, 3746, 8017, 3776

#	
924.158	White

924.158

ELECTROTECHNICAL ACCESSORIES

Pictograms and their meaning can be found on page 279.

Line-End switch, series 8016 | 30 x 51 x 20 mm

· 10(2) A / 250 V~ | On / Off switch, 1-pole
· With screwed contacts
· Screwed housing and strain relief
· Marking 0 – 1

#	
924.073	Housing white | Rocker white
924.074*	Housing black | Rocker black

924.073 924.074

Console pushbutton with spring contact, series 5120 | 39 x 34 x 15 mm

· 2(1) A / 250 V~ | Break-contact switch, 1-pole
· With screwed contacts
· Two-hole mounting, mounting holes, 3.5 mm diameter
· T 85 °C

#	
Hole spacing 43 mm | Trade version with additional housing	
924.203	Housing white | Button white
924.103	Housing black | Button black
Hole spacing 25.5 mm | Industrial version without additional housing | Please note: Ensure installation is VDE-compliant, e.g. bolt only on insulating surfaces (plastic)	
924.071	Housing white | Button white
924.072	Housing black | Button black

924.203 924.103

924.071 924.072

Pushbutton serial switch, series 3076

· 2 A / 250 V~ | Switch, 1-pole serial
· Central mounting by M 12 x 1 mm | Screwed contacts
· Bell-shaped nut screwed on
· Circuit 0-1-1+2-2-0
· T 100 °C

#	
924.140	Button white | Thread length 8 mm
924.141	Button white | Thread length 12 mm

924.140

Pushbutton, series 8001

· 2 A / 250 V~ | Normally open contact, 2-pole
· Without thread | Screwed contacts
· Mounting holes, 3.6 mm diameter

#	
924.146	Button white

924.146

* No storage type

Pictograms and their meaning can be found on page 279.

Pushbutton switch

· On / Off switch, 1-pole
· Central mounting by M 10 x 1 mm | Screwed contacts
· Bell-shaped nut screwed on

#	
Pushbutton switch, series 8001 | 2(0.7) A / 250 V~ | T 100 °C	
924.142	Button white | Thread length 8 mm
924.143	Button black | Thread length 8 mm
924.145	Button white | Universal for 8-15 mm thread | With 2 thread-reducing rings
Pushbutton switch, series 8001 | 6(2) A / 250 V~ | T 85 °C | Suitable for secondary-phase halogen lamp switching	
924.144	Button white | Thread length 8 mm
Pushbutton switch, series 3030 | 2(1) A / 250 V~ | T 85 °C | Bell-shaped nut screwed on, constant switch position	
924.137	Button white | Thread length 11.5 mm
924.138	Button black | Thread length 11.5 mm
Flush pushbutton switch, series 3030 | 2(1) A / 250 V~ | T 185 °C | For H03VV-F 2 x 0.75 mm², H03VV-F 3G 0.75 mm², H03VV H2-F 2 x 0.75 mm², bell-shaped nut screws on from above, constant switch position	
924.1370	Button white | Thread length 7.5 mm

924.142

924.143

924.145

924.144

924.137

Button, series 8001

· 2(0.7) A/250 V~ | Normally open contact, 1-pole
· Central mounting by M 10 x 1 mm | Screwed contacts
· Bell-shaped nut screwed on
· T 100 °C

#	
924.149	Button white | Universal for 8-15 mm thread, with 2 thread-reducing rings

924.149

Toggle switch, series 8400

· 6(4) A/250 V~
· Suitable for devices of protection class II | Central mounting M 12 x 0.75 mm
· Hexagonal and knurled nut screwed on
· Thermoplastic toggle and housing | Contacts made of silver | Terminals silver-plated
· Suitable for switching the secondary circuit of halogen lamp
· T 85 °C

#	
Off switch, 1-pole	
924.160	Solder connection
924.161	Plug connection 4.8 mm
Changeover switch, 1-pole	
924.162	Solder connection
924.163	Plug connection 4.8 mm

924.161

924.163

Pictograms and their meaning can be found on page 279.

Rocker switch, series 3652

· 16(8) A / 250 V~
· With and without illumination
· Spade terminals 6.3 x 0.8 mm
· T 125 °C

#	
On / Off switch, 1-pole | Non-illuminated | Without rocker printing | 11 x 30 mm cut-out	
924.090	Housing white | Rocker white
924.091	Housing black | Rocker black
On / Off switch, 1-pole | Illuminated | Without rocker printing | 11 x 30 mm cut-out	
924.111	Housing white | Rocker red
924.112	Housing black | Rocker red
924.113*	Housing black | Rocker yellow
924.114	Housing black | Rocker green
Changeover switch, 1-pole | Non-illuminated | Without rocker printing | No centre position | 11 x 30 mm cut-out	
924.092*	Housing black | Rocker black
On / Off switch, 2-pole | Non-illuminated | Rocker printing with 0 I | 22 x 30 mm cut-out	
924.094	Housing white | Rocker white
924.095	Housing black | Rocker black
On / Off switch, 2-pole | Illuminated | Rocker printing with 0 I | 22 x 30 mm cut-out	
924.096	Housing white | Rocker red
924.097	Housing black | Rocker green
924.098	Housing black | Rocker yellow
924.099	Housing black | Rocker red
Changeover switch, 2-pole | Non-illuminated | Without rocker printing | No centre position | 22 x 30 mm cut-out	
924.109	Housing black | Rocker black
On / Off switch, 1-pole | Illuminated | Without rocker printing | 22 x 30 mm cut-out	
924.120	Housing black | Rocker red/red

924.091 924.090

924.111

924.092

924.094 924.095

924.096

924.109

924.120

SPVC covers and frames, series 22

· Retrofit to series 3652 as splash and dust protection

#	
For 1-pole rocker switch	
924.115	Frame white | Cover clear
924.116	Frame black | Cover clear
For 2-pole rocker switch	
924.118	Frame black | Cover clear

924.115

924.116

924.118

Rocker switch, series 8004

· 6(2) A / 250 V~ | On / Off switch, 1-pole
· Snap-in mounting for 19.4 x 13 mm cut-out
· Suitable for switching the secondary circuit of halogen lamp
· Non-illuminated, marking 0 I
· T 85 °C

#	
924.127	Spade terminals 4.8 mm | Housing black | Rocker black
924.128	Screw connections | Housing black | Rocker red

924.127

924.128

* No storage type

Pictograms and their meaning can be found on page 279.

Rocker switch, series 8005

· 16(4) A / 250 V~ | On / Off switch, 2-pole
· Snap-in mounting for 22 x 30 mm cut-out
· Combined spade terminals 6.3 mm
· Screw terminals M 3
· Illuminated, marking 0 I
· T 85 °C

#	
924.129	Housing black | Rocker red

924.129

Rocker switch, series 8014

#	
Installatino dimension 22 mm, Fixing thread M 22, SK II | On / Off switch, 1-pole | 6(2) A/250 V~ | T 85 °C | Screwed contacts, with plastic hexagonal nut | Suitable for switching the secondary circuit of halogen lamp	
924.131	Housing white | Rocker white
924.132	Housing black | Rocker black
Installatino dimension (hole) 21.7 mm, SK II, screwed contacts, with protection against contact | Off switch, 1-pole | 6(2) A/250 V~ | T 120 °C | Suitable for switching the secondary circuit of halogen lamp	
924.133	Housing black | Rocker black
924.134	Housing white | Rocker white
Snap-in fixing for 22 x 30 mm cut-out, combined spade terminals 6.3 mm | On / Off switch, 2-poles | 16(4) A/250 V~ | T 85 °C | M 3 screw connections, with water-proof cover, illuminated, marking 0 I	
924.136	Housing red | Rocker red

924.132

924.133

924.134

924.136

Flush rocker switch, series 3631

· 10(4) A, 250 V~
· With and without illumination
· Spade terminals 4.8 x 0.8 mm
· Installation dimension 19 x 13 mm

#	
Changeover switch, 1-pole | Non-illuminated | T 125 °C	
924.182	Housing black
On / Off switch, 1-pole | Non-illuminated | T 125 °C	
924.110	Housing black | Rocker red with white marking 0-I
924.181	Housing black | Rocker green without marking

924.182

924.110

924.181

Flush rocker switch, series 3632

· 10(2) A | 250 V~ | 1-pole | T125°
· Changeover switch with central position "OFF", non-illuminated
· Installation dimension 19 x 13 mm
· Spade terminals 4.8 x 0.8 mm

#	
924.183	Housing black | Marking, white I-0-II

924.183

Pictograms and their meaning can be found on page 279.

Flush rocker button, series 3633

· 6 (2) A | 250 V~ | 1-pole | | T125°
· Installation dimension 19 x 13 mm
· Spade terminals 4.8 x 0.8 mm

#	
924.184	Housing black | Non-illuminated

924.184

Flush rocker switch, series 3634

· 10 (4) A | 250 V~ | 2-pole | On / Off switch | T125°
· Installation dimension 19 x 13 mm
· Spade terminals 4.8 x 0.8 mm
· White marking 0-I

#	
924.185	Housing black | Non-illuminated
924.186	Housing black | Rocker green, illuminated

924.185

924.186

Flush pressure switch, series 3635

· 16 (4) A | 250 V~ | 2-pole | On / Off switch | T125°
· Installation dimension 19 x 13 mm
· Spade terminals 4.8 x 0.8 mm

#	
924.1371	Housing black | Non-illuminated
924.1372	Housing black | Button green, illuminated

924.1371

924.1372

Flush rocker switch, series 3658

· 16 (4) A | 250 V~ | 2-pole | On / Off switch | T125°
· Installation dimensions 19 x 13 mm
· Spade terminals 6.3 mm
· With rubber seal
· Water and dust protection to IP65

#	
924.187	Housing black | Button green, illuminated
924.188	Housing black | Button red, illuminated

924.187

924.188

Child safety

Teddy, series 6310

· Socket guard for insertion into socket outlet with earthing contact
· Cover cap with key
· Only to be removed from outlet using the key supplied

#	
5 items and 3 keys in transparent bag (price per bag)	
924.201	White
924.101	Black
924.004	Brown (supplied in units stated)
Loose (price per item) 50 items in a box	
924.005	White

924.201

924.101

924.004

Teddy automatic, series 6320

· Socket guard to paste into socket outlets with earthing contact

#	
5 items on blister card (price per card)	
924.009	White
924.010	Black
924.011	Brown
Loose (price per item) 250 items in a box	
924.012	White

924.009

924.010

924.011

Protective caps, series 2002

· For insertion into socket outlets with earthing contact

#	
924.172	White | 10 items in transparent bag (price per bag)

924.172

Teddy duo, series 6330

· Orientation light and socket guard
· With key

#	
1 item on blister card (price per card)	
924.001	Gives a red light

924.001

Pictograms and their meaning can be found on page 279.

Special products

Pulse starter, series 8600

· Instant ignition (rapid starter)
· For fluorescent lamps, reduces the costs of maintenance and replacement of fluorescent lamps
· Protects the environment
· 10-year guarantee, -30 °C to +75 °C

#	
924.167	EFS 120/110-250 V | 4-22 W
924.168	EFS 600/200-260 V | 4-125 W

924.168

Twilight switch DS-A, series 8812 | 34 x 23 x 16 mm

· 230 V~ | 50/60 Hz | +/- 10%
· Maximum load 100 VA at Too = -20 °C to + 35 °C
· Load current max. 430 mA
· Switch-on threshold about 5-10 Lux | Switch-off threshold about 30-40 Lux
· Cast housing
· For ohmic, inductive and capacitive loads
· Opening angle of 30 degrees
· 1 item on blister card

#	
924.171	White | With external sensor | Length 250 mm

924.171

Overload protection power strip, series 8110 | 75 x 45 x 270 mm

· 230 V~ | 50 Hz/16 A
· For connecting two devices with high energy consumption (e.g. for washing machines and dryers)
· 1.5 m connection cable with plug
· 1 socket with automatic switch-off, power dependent
· 1 socket, with continous current
· Screw mounting
· Weight 450 g

#	
924.164	2-way

924.164

Pinfix, series 8821

· Special solution for heavy flat plug power supply
· For the whole of Europe (except Switzerland)
· Pinfix is patented
· 1 item on blister card

#	
924.329	Black
924.330	White

924.330

This **overload-protection power strip** solves the problem of running two power-hungry appliances such as a washing machine and a tumble dryer from a single supply cable. It prevents fuses being blown and avoids the need for new cables to be installed. The two appliances can be run simultaneously because the power strip cuts out the tumble dryer during the water-heating phase of the washing machine. Once the heating stage is completed, the dryer will automatically be switched on again. For electronic dryers, please consult your user manual.

IT power distribution

Power distribution units (PDU)

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BlueNet – Smart Solutions

BlueNet offers a complete solution for structuring, controlling and monitoring IT power supply systems. It captures consumption and output data and provides the user with relevant data and control options for modern energy management.

Energy management
Monitor energy costs with BlueNet. All data is illustrated using the software and display. Loads can be distributed so that failures caused by overloaded circuits can be prevented and so that messages are automatically triggered by means of variable threshold values. Restarts controlled by web link further increase availability and flexibility. The BlueNet technology can be easily integrated into superordinate infrastructure software solutions using extensive, integrated interfaces.

Safety
Every BACHMANN PDU is tested and documented during production using a computer-based test program. Electronic components are continually subjected to "stress tests" to guarantee consistent quality. BlueNet is therefore only integrated into compact, very robust yet weight-optimised aluminium housings. Most of the requirements in relevant standards and guidelines are exceeded.

Energy-efficiency
BACHMANN BlueNet PDUs save energy.
The technology used has some of the lowest internal consumption levels for intelligent measurement systems in the world. The modular structure of the BlueNet PDUs guarantees maximum packing density. The tiny amount of space needed by the PDUs leaves room for cabling and air conditioning in the rack. The BlueNet series BN2000 is one of the most compact power metering solutions with integrated network and sensor interface anywhere in the world.

BN3000 – BN7500 generation

The BN3000 – BN7500 generation of our BlueNet products is synonymous with state-of-the-art technology – whether in the form of power distribution units (PDUs) that can be cascaded via Modbus, integrated, universal-current-sensitive residual current monitoring, command line tools or the rotating OLED display.

And there's more: our features represent safety and efficiency; and can be integrated into DCIM systems. From a single workplace you can monitor and control your data centre's complex power network locally or remotely.

BluNet

Efficient Power Management

	Measurement per phase	Measurement per port	Switching	Ethernet	Modbus RTU/TCP	Sensors	RCM	Power Line Communication
BN7500	•	•	•	•	•	•	(•)	
BN7000	•		•	•	•	•	(•)	
BN5000			•	•	•	•		
BN3500	•	•		•	•	•	(•)	
BN3000	•			•	•	•	(•)	
BN2000	•			•		•		(•)
BN0500	•							

(•) The indicated feature is available as an option.

BlueNet features

	BN0500	BN2000	BN2000 PLC	BN3000	BN3500	BN5000	BN7000	BN7500
Measurement								
Current	●	●	●	●	●		●	●
Voltage	●	●	●	●	●		●	●
Phase angle	●	●	●					
Frequency	●	●	●	●	●		●	●
Effective power	●	●	●	●	●		●	●
Reactive power		●	●	●	●		●	●
Apparent power		●	●	●	●		●	●
Energy meter	●	●	●	●	●		●	●
Power factor		●	●	●	●		●	●
Neutral conductor monitoring		●	●	●	●		●	●
Measurement per phase	●	●	●	●	●		●	●
Measurement per socket					●			●
Optional residual current measurement (type B)				●	●		●	●
Measurement accuracy	2%	1%	1%	1%	1%		1%	1%
Display								
Type	LCD	TFT	TFT	OLED	OLED	OLED	OLED	OLED
Display can be rotated using software		●	●	●	●	●	●	●
Sensors								
Connections for external sensors		2	2	2	2	2	2	2
Switching								
Switchable sockets						●	●	●
Switching with bistable relays						●	●	●

	BN0500	BN2000	BN2000 PLC	BN3000	BN3500	BN5000	BN7000	BN7500
Communication								
Ethernet (10/100 Mbit/s)		●	●	●	●	●	●	●
IPv4		●	●	●	●	●	●	●
IPv6				●	●	●	●	●
Powerline Communication			●					
Modbus TCP				●	●	●	●	●
Master/slave (Modbus RTU)				●	●	●	●	●
HTTP		●	●	●	●	●	●	●
HTTPS			●	●	●	●	●	●
SSH				●	●	●	●	●
DHCP		●	●	●	●	●	●	●
SMTP			●	●	●	●	●	●
SNMPv2		●	●	●	●	●	●	●
SNMPv3				●	●	●	●	●
SNMP trap		●	●	●	●	●	●	●
Syslog		●	●	●	●	●	●	●
NTP		●	●	●	●	●	●	●
LDAP				●	●	●	●	●
JSON				●	●	●	●	●
Operation								
Web browser		●	●	●	●	●	●	●
Local	●	●	●	●	●	●	●	●

Cascading using the master-slave concept

When there is an intelligent brain behind the thought and control processes, you can be sure of efficiency throughout. This is the principle behind the BlueNet Master PDU concept.

Central intelligence is especially important when many network ports are installed in a distributed manner. Precise, secure and reliable control of a wide range of ports can only be achieved with a stable system. BlueNet Master PDU are the first choice here.

Smart master-slave concept
BlueNet Master PDU can communicate with up to ten BlueNet Slave PDU via one Modbus connection, thereby saving space and costs. The PDU are connected via a standard CAT5e network cable. This makes the use of special cables a thing of the past. It is possible to make the connection very lean and to create it in the rack row with no patch panel cabling.

The data for all connected Slave PDU can be clearly displayed and read with ease via the IP address of the Master PDU. No special configuration of the network switches is required. The master-slave concept therefore also ensures the necessary and very detailed transparency of consumption, load and relevant statuses.

Customer-specific PDUs

A professional and homogeneous data centre power supply requires PDUs that adapt to your needs and not vice versa. That's why, in the area of custom-built PDUs, the BlueNet series offers tailor-made units that extend far beyond the standard product range – whether for one single unit or many.

Some racks may need a variety of sockets but very little power, depending on the data centre. Others, however, need a great deal of power and additional protective devices, but fewer sockets.

Furthermore, power supply sockets may be required right next to sockets for non-heating devices.

Due to the high level of integration, you also have the option in a custom-built version to control and connect your cost-intensive network ports centrally via BlueNet. All custom-built PDUs are equally compact.

Energy Management

With intelligent functionality, the PDUs contribute to higher system availability and lower energy consumption. Whether by means of data to optimise power usage effectiveness or high packing density, efficiency is paramount at BlueNet.

Accurate measurement and billing
Precise measurements and transparency for correct allocation of power consumption support you in the analysis and identification of heavy consumers. A holistic appraisal of your data centre enables you to initiate optimisation measures quickly.

High billing grade accuracy
This high measuring accuracy of the PDUs and the software used is an important quality feature of the BlueNet series. The PDUs have an accuracy of ±1% across the entire measuring range. This means that measurement at 32 A deviates by a maximum of 320 mA. This is called "billing grade accuracy", i.e. a level of measuring accuracy acceptable for billing purposes. You will receive all measured power consumption data in digital form and can bill this to your business or departmental areas. This significantly conserves your budget as an internal data centre service provider.

Rapid identification

To distinguish between PDUs in the data centre faster and with greater ease, the new BlueNet PDUs are available in ten different colours. Users can therefore quickly distinguish between A and B supply, 16 and 32 A or single- and three-phase systems. Different areas in the data centre can also be equipped with different-coloured PDUs.

Safe connections

BlueNet provides various ways of safely connecting servers with PDUs. In addition to slide-on locking clips, which secure two C13 ports, there is also the height-adjustable universal interlock, which can be used to lock both C13 and C19 ports. With the aid of SecureSleeves, the plugs can not only be secured, but also colour-coded – without additional, special cables having to be bought.

Universal interlock C19

Locking clips

Universal interlock C13

SecureSleeves

BN7500

Measurement per phase | Measurement per port | Switching | Sensors

3.0 m H05VV-F supply cable with CEE plug | Including mounting kit

#	Slave variant	C13	C19	CEE 7/3	Outlets in total	For at least 46U server racks	Dimensions
16 A / 230 V							
802.7500		18	4		22		1234 x 44 x 65 mm
802.7500-S	●	18	4		22		1234 x 44 x 65 mm
802.7502		18		4	22		1500 x 44 x 65 mm
802.7523		24	4		28		1533 x 44 x 65 mm
16 A / 400 V							
802.7506		18	3		21		1533 x 44 x 65 mm
802.7507		18		3	21		1500 x 44 x 65 mm
802.7508		24	6		30		1533 x 44 x 65 mm
802.7508-S	●	24	6		30		1533 x 44 x 65 mm
802.7510		24		6	30		1762 x 44 x 65 mm
802.7514		36	6		42	●	1943 x 44 x 65 mm
802.7514-S	●	36	6		42	●	1943 x 44 x 65 mm
32 A / 230 V							
802.7501		16	4		20		1234 x 44 x 65 mm
802.7501-S	●	16	4		20		1234 x 44 x 65 mm
802.7503		16		4	20		1234 x 44 x 65 mm
802.7524		24	4		28		1533 x 44 x 65 mm
32 A / 400 V							
802.7509		24	6		30		1762 x 44 x 65 mm
802.7509-S	●	24	6		30		1762 x 44 x 65 mm
802.7511		24		6	30		1817 x 44 x 65 mm

802.7500

802.7501

802.7506

802.7509

Other product configurations and Slave variants (802.75XX-S) are available on request.

For versions with **Residual Current Monitoring (RCM),** see page 232.

BN7000

Measurement per phase | Measurement per port | Switching | Sensors

3.0 m H05VV-F supply cable with CEE plug | Including mounting kit

#	Slave variant	C13	C19	CEE 7/3	Outlets in total	For at least 46U server racks	Dimensions
16 A / 230 V							
802.7000		18	4		22		1234 x 44 x 65 mm
802.7000-S	●	18	4		22		1234 x 44 x 65 mm
802.7002		18		4	22		1500 x 44 x 65 mm
802.7021		24	4		28		1533 x 44 x 65 mm
16 A / 400 V							
802.7006		18	3		21		1533 x 44 x 65 mm
802.7007		18		3	21		1500 x 44 x 65 mm
802.7008		24	6		30		1533 x 44 x 65 mm
802.7008-S	●	24	6		30		1533 x 44 x 65 mm
802.7010		24		6	30		1762 x 44 x 65 mm
802.7014		36	6		42	●	1943 x 44 x 65 mm
802.7014-S	●	36	6		42	●	1943 x 44 x 65 mm
32 A / 230 V							
802.7001		16	4		20		1234 x 44 x 65 mm
802.7001-S	●	16	4		20		1234 x 44 x 65 mm
802.7003		16		4	20		1234 x 44 x 65 mm
802.7022		24	4		28		1533 x 44 x 65 mm
32 A / 400 V							
802.7009		24	6		30		1762 x 44 x 65 mm
802.7009-S	●	24	6		30		1762 x 44 x 65 mm
802.7011		24		6	30		1817 x 44 x 65 mm

802.7000

802.7001

802.7006

802.7009

Other product configurations and Slave variants (802.70XX-S) are available on request.

For versions with **Residual Current Monitoring (RCM),** see page 233.

BN5000

Measurement per phase | Measurement per port | **Switching** | **Sensors**

3.0 m H05VV-F supply cable with CEE plug | Including mounting kit

#	C13	C19	CEE 7/3	Outlets in total	For at least 46U server racks	Dimensions
16 A / 400 V						
802.5002	18	3		21		1234 x 44 x 65 mm
802.5003	24	6		30		1533 x 44 x 65 mm
802.5005	36	6		42	•	1943 x 44 x 65 mm
32 A / 400 V						
802.5004	24	6		30		1762 x 44 x 65 mm

802.5003

802.5004

802.5005

Other product configurations and Slave variants (802.50XX-S) are available on request.

Pictograms and their meaning can be found on page 279.

* = 3.0 m H05VV-F supply cable with earthing contact plug

BN3500

Measurement per phase | Measurement per port | Switching | Sensors

3.0 m H05VV-F supply cable with CEE plug | Including mounting kit

#	Slave variant	C13	C19	CEE 7/3	Outlets in total	For at least 46U server racks	Dimensions
16 A / 230 V							
802.3500		18	4		22		1234 x 44 x 65 mm
802.3500-S	●	18	4		22		1234 x 44 x 65 mm
802.3502		18		4	22		1500 x 44 x 65 mm
802.3519		24	4		28		1533 x 44 x 65 mm
16 A / 400 V							
802.3506		18	3		21		1234 x 44 x 65 mm
802.3507		18		3	21		1500 x 44 x 65 mm
802.3508		24	6		30		1533 x 44 x 65 mm
802.3508-S	●	24	6		30		1533 x 44 x 65 mm
802.3510		24		6	30		1762 x 44 x 65 mm
802.3514		36	6		42	●	1943 x 44 x 65 mm
802.3514-S	●	36	6		42	●	1943 x 44 x 65 mm
32 A / 230 V							
802.3501		16	4		20		1234 x 44 x 65 mm
802.3501-S	●	16	4		20		1234 x 44 x 65 mm
802.3503		16		4	20		1234 x 44 x 65 mm
802.3520		24	4		28		1533 x 44 x 65 mm
32 A / 400 V							
802.3509		24	6		30		1762 x 44 x 65 mm
802.3509-S	●	24	6		30		1762 x 44 x 65 mm
802.3511		24		6	30		1817 x 44 x 65 mm

802.3500

802.3501

802.3506

802.3509

Other product configurations and Slave variants (802.35XX-S) are available on request.

For versions with **Residual Current Monitoring (RCM),** see page 233.

BN3000

Measurement per phase | Measurement per port | Switching | Sensors

3.0 m H05VV-F supply cable with CEE plug | Including mounting kit

#	Slave variant	C13	C19	CEE 7/3	Outlets in total	For at least 46U server racks	Dimensions
16 A / 230 V							
802.3004		16	4		20		1102 x 44 x 65 mm
802.3004-S	●	16	4		20		1102 x 44 x 65 mm
802.3006		16		4	20		1102 x 44 x 65 mm
802.3041		24	4		28		1533 x 44 x 65 mm
16 A / 400 V							
802.3010		18	3		21		1234 x 44 x 65 mm
802.3011		18		3	21		1234 x 44 x 65 mm
802.3012		24	6		30		1533 x 44 x 65 mm
802.3012-S	●	24	6		30		1533 x 44 x 65 mm
802.3014		24		6	30		1533 x 44 x 65 mm
802.3016		24	6	6	36		1762 x 44 x 65 mm
802.3018		36	6		42		1873 x 44 x 65 mm
802.3018-S	●	36	6		42		1873 x 44 x 65 mm
802.3020		36		6	42		1873 x 44 x 65 mm
32 A / 230 V							
802.3005		16	4		20		1234 x 44 x 65 mm
802.3005-S	●	16	4		20		1234 x 44 x 65 mm
802.3007		16		4	20		1234 x 44 x 65 mm
802.3042		24	4		28		1533 x 44 x 65 mm
32 A / 400 V							
802.3013		24	6		30		1762 x 44 x 65 mm
802.3013-S	●	24	6		30		1762 x 44 x 65 mm
802.3015		24		6	30		1817 x 44 x 65 mm
802.3019		36	6		42	●	2037 x 44 x 65 mm
802.3019-S	●	36	6		42	●	2037 x 44 x 65 mm

802.3004

802.3010

802.3012

802.3013

Other product configurations and Slave variants (802.30XX-S) are available on request.

For versions with **Residual Current Monitoring (RCM),** see page 234.

BN3000 Inline

Measurement per phase | Measurement per port | Switching | Sensors

Power input: 3.0 m H05VV-F with CEE plug
Power output: 3.0 m H05VV-F with CEE coupling | Including mounting kit

#	Phases	Voltage (V)	Current (A)	Power (kVA)	Dimensions
802.3069	1	230	16	3.7	438 x 134 x 44 mm
802.3067	3	400	16	11.0	438 x 134 x 44 mm
802.3070	1	230	32	7.4	438 x 134 x 44 mm
802.3068	3	400	32	22.1	438 x 134 x 44 mm

Other product configurations and Slave variants (802.30XX-S) are available on request.

For versions with **Residual Current Monitoring (RCM),** see page 235.

Residual Current Monitoring (RCM)

Using residual current monitoring allows changes in the level of insulation of a power supply to be detected at an early stage, before protective devices are tripped by a residual current that puts people at risk and involves the risk of fire. This time advantage allows countermeasures to be planned and contributes to the high availability of the power supply and therefore the system.

Thanks to the BACHMANN BlueNet PDU, this residual current monitoring isn't just undertaken at central measuring points, but at rack level per PDU, per phase or even per socket group.

The residual current sensor conforms to the relevant standards and provides a high physical granularity, maximum safety and high availability. This AC/DC-sensitive technology monitors all kinds of residual current in modern power supplies with switching power supplies. The residual current monitoring (RCM) is therefore particularly suited to use in IT.

BENEFITS

- **Greater safety for people, operations and systems thanks to permanent type B AC/DC-sensitive residual current monitoring**
- **Preventative safety to protect people from the hazards caused by electric current**
- **Higher profitability by reducing the expenditure of retests**
- **Minimisation of cost-intensive faults, service work and unscheduled interruptions to the operation of sensitive IT equipment**
- **Greater fire protection as combustible residual currents are detected when they emerge**

Permanent monitoring of systems and operating equipment
Permanent monitoring is absolutely essential in modern information technology. Continuous monitoring equipment reduces the work involved in statutory repeat testing. In accordance with accident prevention regulations (DGUV, rule 3), the system's testing dates can be adapted to suit actual circumstances and optimise costs using permanent RCM.

The residual current monitoring (RCM) is able to record residual currents of 1 mA and higher. Residual current activation values can be set in the BlueNet software.

The BlueNet software reliably signals instances where these values are exceeded. All measured values are transferred to superordinate systems via the Ethernet interface. A local display in the PDU also provides information about all important measured values. This setup ensures that the availability of the power supply has absolute priority at all times and that the system is not unexpectedly shut down in the event of errors.

The BlueNet technology also allows a master-slave network to be installed, saving installation costs and minimising the administration work involved.

RCM
TECHNOLOGY
INCLUDED

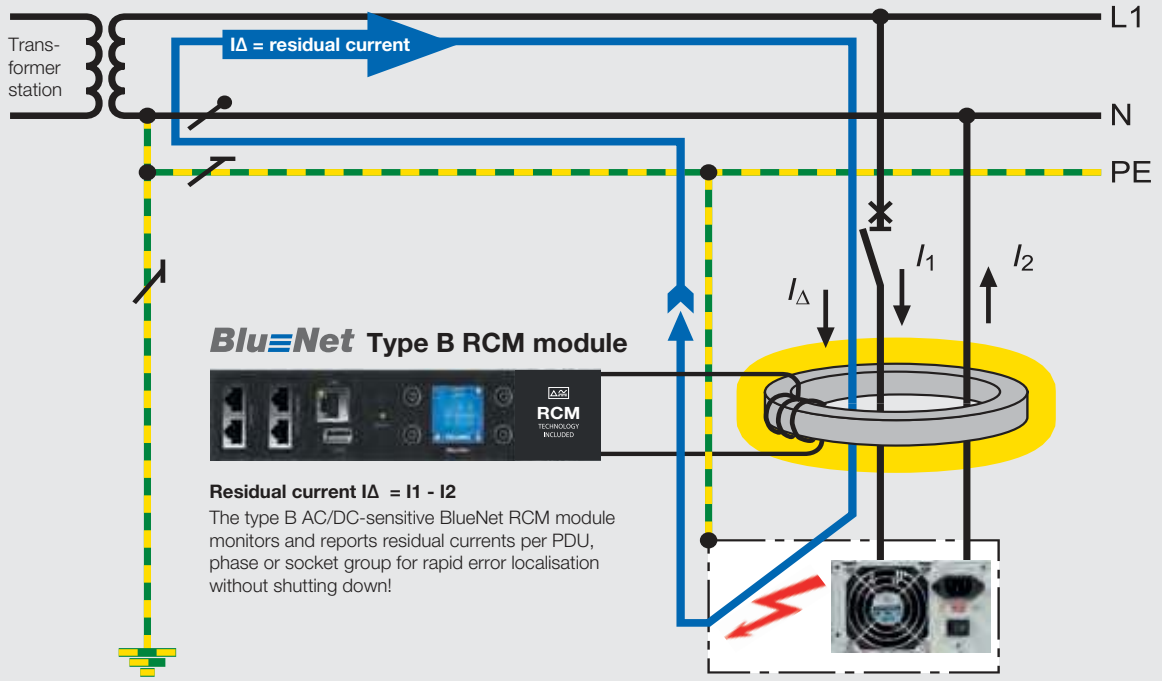
BluNet
Efficient Power Management

For operators and managers, outages, operational faults and interruptions to a data centre are nightmare scenarios. Potential avoidable triggers such as residual currents can be promptly detected with BlueNet RCM PDUs.

More information on the topic of residual currents in data centres and how to avoid them can be found in our white paper.

Download it for free at **www.bachmann.com/downloads**

Circuit with **Residual Current Monitoring (RCM)**



Residual current IΔ = I1 - I2
The type B AC/DC-sensitive BlueNet RCM module monitors and reports residual currents per PDU, phase or socket group for rapid error localisation without shutting down!

Residual current across the housing or protective conductor in the event of damage, e.g. affecting a server power supply unit.

BN7500 RCM

Measurement per phase | Measurement per port | Switching | Sensors

3.0 m H05VV-F supply cable with CEE plug | Including mounting kit

#	C13	C19	Outlets in total	Dimensions
16 A / 230 V / residual current monitoring per supply cable				
802.7531	18	4	22	1500 x 44 x 65 mm
32 A / 230 V / residual current monitoring per supply cable				
802.7532	16	4	20	1234 x 44 x 65 mm
16 A / 400 V / residual current monitoring per phase				
802.7521	24	6	30	1762 x 44 x 65 mm
32 A / 400 V / residual current monitoring per phase				
802.7530	24	6	30	1945 x 44 x 65 mm

802.7531

Other product configurations and Slave variants (802.75XX-S) are available on request.

Pictograms and their meaning can be found on page 279.

BN7000 RCM

Measurement per phase | Measurement per port | Switching | Sensors

3.0 m H05VV-F supply cable with CEE plug | Including mounting kit

#	C13	C19	Outlets in total	Dimensions
16 A / 230 V / residual current monitoring per supply cable				
802.7024	18	4	22	1500 x 44 x 65 mm
32 A / 230 V / residual current monitoring per supply cable				
802.7025	16	4	20	1234 x 44 x 65 mm
16 A / 400 V / residual current monitoring per phase				
802.7026	24	6	30	1762 x 44 x 65 mm
32 A / 400 V / residual current monitoring per phase				
802.7027	24	6	30	1945 x 44 x 65 mm

BN3500 RCM

Measurement per phase | Measurement per port | Switching | Sensors

3.0 m H05VV-F supply cable with CEE plug | Including mounting kit

#	Slave variant	C13	C19	Outlets in total	Dimensions
16 / 230 V / residual current monitoring per supply cable					
802.3525		18	4	22	1500 x 44 x 65 mm
32 A / 230 V / residual current monitoring per supply cable					
802.3526		16	4	20	1234 x 44 x 65 mm
16 A / 400 V / residual current monitoring per phase					
802.3522		24	6	30	1762 x 44 x 65 mm
802.3522-S	•	24	6	30	1762 x 44 x 65 mm
32 A / 400 V / residual current monitoring per phase					
802.3527		24	6	30	1945 x 44 x 65 mm

Other product configurations and Slave variants (802.70XX-S and 802.35XX-S) are available on request.

BN3000 RCM

Measurement per phase | Measurement per port | Switching | Sensors

3.0 m H05VV-F supply cable with CEE plug | Including mounting kit

#	Slave variant	C13	C19	CEE 7/3	Outlets in total	For at least 46U server racks	Dimensions
16 A / 230 V / residual current monitoring per supply cable							
802.3055		16	4		20		1103 x 44 x 65 mm
802.3055-S	●	16	4		20		1103 x 44 x 65 mm
16 A / 400 V / residual current monitoring per supply cable							
802.3030		24	12		36		1762 x 44 x 65 mm
802.3030-S	●	24	12		36		1762 x 44 x 65 mm
32 A / 400 V / residual current monitoring per supply cable							
802.3031		24	12		36	●	2037 x 44 x 65 mm
802.3031-S	●	24	12		36	●	2037 x 44 x 65 mm
16 A / 230 V / residual current monitoring per phase							
802.3032		12	2		14		891 x 44 x 65 mm
16 A / 400 V / residual current monitoring per phase							
802.3022		18	3		21		1234 x 44 x 65 mm
802.3023		18		3	21		1533 x 44 x 65 mm
802.3024		24	6		30		1533 x 44 x 65 mm
802.3024-S	●	24	6		30		1533 x 44 x 65 mm
32 A / 400 V / residual current monitoring per phase							
802.3025		24	6		30		1817 x 44 x 65 mm
802.3025-S	●	24	6		30		1817 x 44 x 65 mm

802.3024

802.3025

Other product configurations and Slave variants (802.30XX-S) are available on request.

Pictograms and their meaning can be found on page 279.

BN3000 RCM Inline

Measurement per phase | Measurement per port | Switching | Sensors

Power input: 3.0 m H05VV-F with CEE plug
Power output: 3.0 m H05VV-F with CEE coupling | Including mounting kit

#	Phases	Voltage (V)	Current (A)	Power (kVA)	Dimensions
802.3072	1	230	16	3.7	438 x 134 x 44 mm
802.3039	3	400	16	11.0	438 x 134 x 44 mm
802.3071	1	230	32	7.4	438 x 134 x 44 mm
802.3065	3	400	32	22.1	438 x 134 x 44 mm

Other product configurations and Slave variants (802.30XX-S) are available on request.

BN2000 PLC

BlueNet PLC (Powerline Communication) allows energy monitoring via the existing grid without any additional network infrastructure. The BlueNet PLC Concentrator is at the heart of this innovative monitoring concept. It aggregates the data from all BN2000 PLC PDUs through the mains logs them and makes them available through its Ethernet interface via HTTPS, HTTP, SMTP, SNMP, SNMP trap, CSV and more.

The power data is recorded using compact BN2000 PLC PDUs. Alongside the integrated, high-precision measuring unit, they also feature two connections for temperature and air humidity sensors. The measurements are shown locally on the large TFT display. What's more, the measured data is evaluated by the integrated PLC (Powerline) communication module using the power supply of the concentrator and visualised using the pre-installed monitoring software. In parallel to the PLC technology, the Ethernet interface can also be used for communication purposes.

BENEFITS

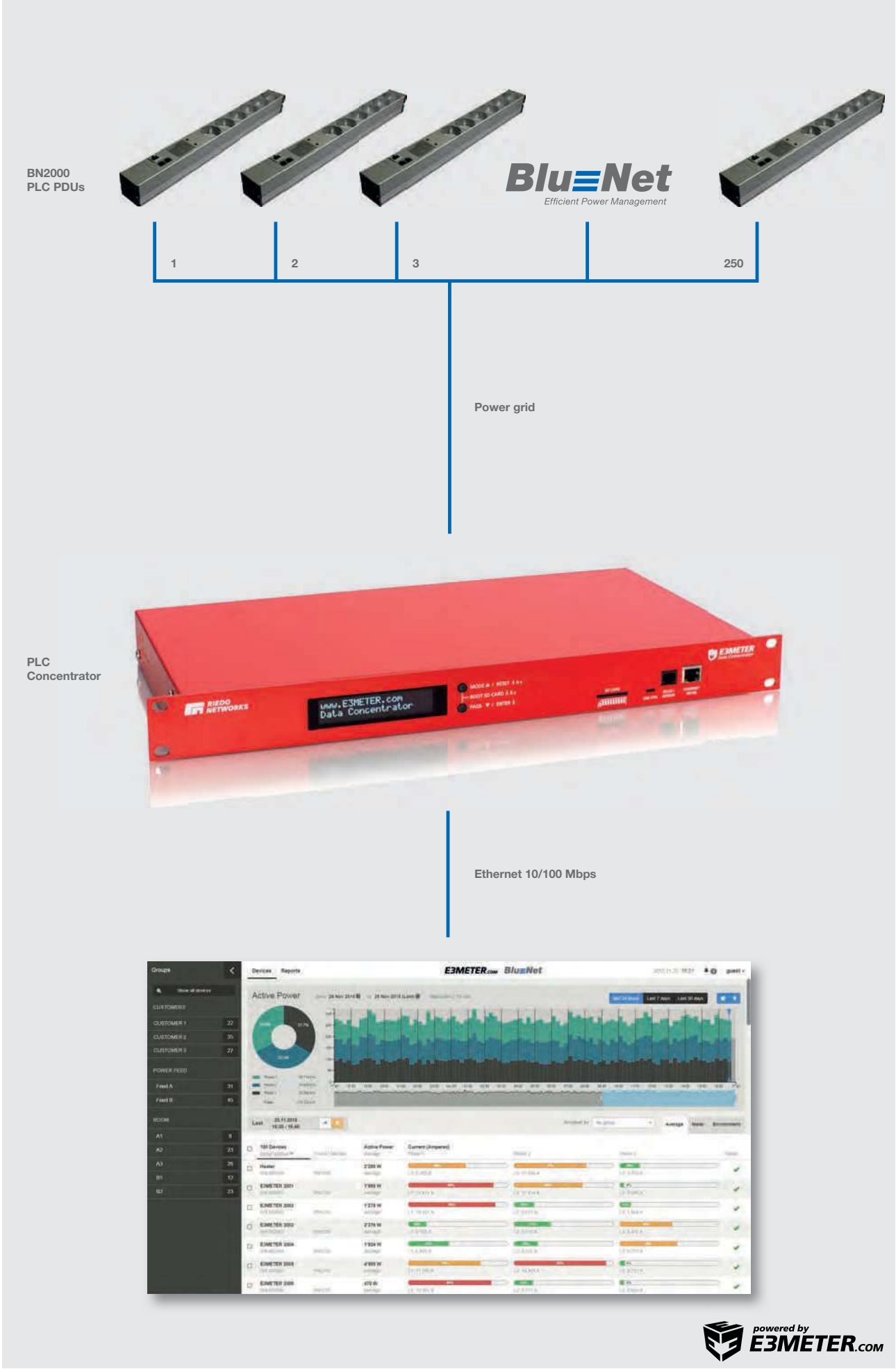
- **Central aggregation of data using existing grid saves money**
- **Optimisation of investment and operating costs by reducing network cabling, patch cables, IP addresses and switch ports**
- **Clear monitoring software which is intuitive to use and displays effective power, current, energy, phase imbalance, temperature, etc.**
- **Integrated reporting and grouping function**
- **Simultaneous monitoring of PDUs via PLC Concentrator and Ethernet**
- **Low internal consumption (Concentrator <3 W/PDU <1 W)**

Save costs with a lean infrastructure
Reducing running costs in data centres is one of the most challenging tasks faced when planning and operating a data centre. BlueNet BN2000 PLC can make a considerable contribution to those efforts. The costs associated with the network infrastructure and providing and managing the measurement data depend on numerous factors.

BlueNet 2000 PLC allows you to greatly reduce the costs of energy monitoring:

- Just one IP address per concentrator (up to 250 PDUs)
- Reduction in investment costs and the installation work involved in network technology
- Less expenditures for documentation
- Easy to link in and manage data in DCIM systems
- Reduction in energy costs for data transfer of measured values
- PDU software updates are automated using the Powerline Concentrator

 Pictograms and their meaning can be found on page 279.


BN2000
PLC PDUs
BluNet
Efficient Power Management
1
2
3
250
Power grid
PLC
Concentrator
RIEDO NETWORKS
www.E3METER.com
Data Concentrator
E3METER
Ethernet 10/100 Mbps
E3METER.com BluNet
Active Power
powered by
E3METER.com

BN2000 PLC

Measurement per phase | Measurement per port | Switching | Sensors

3.0 m H05VV-F supply cable with CEE plug | Including mounting kit

#	C13	C19	CEE 7/3	Outlets in total	For at least 46U server racks	Dimensions
16 A / 230 V						
329.3143	16	4		20		863 x 44 x 44 mm
329.3144	16		4	20		863 x 44 x 44 mm
329.3145	24	4		28		1033 x 44 x 44 mm
16 A / 400 V						
329.3146	18	3		21		1076 x 44 x 44 mm
329.3147	18		3	21		991 x 44 x 44 mm
329.3148	24	6		30		1374 x 44 x 44 mm
329.3149	24		6	30		1374 x 44 x 44 mm
329.3150	24	6	6	36		1660 x 44 x 44 mm
329.3111	36			36		1458 x 44 x 44 mm
329.3151	36	6		42		1629 x 44 x 44 mm
329.3152	36		6	42		1629 x 44 x 44 mm
32 A / 230 V						
329.3153	16	4		20		1076 x 44 x 44 mm
329.3154	16		4	20		1076 x 44 x 44 mm
329.3155	24	4		28		1246 x 44 x 44 mm
32 A / 400 V						
329.3156	24	6		30		1799 x 44 x 44 mm
329.3157	24		6	30		1829 x 44 x 44 mm
329.3158	36	6		42	•	2054 x 44 x 44 mm

329.3155
Similar to picture

Pictograms and their meaning can be found on page 279.

BlueNet Powerline Concentrator

- Pre-installed monitoring software
- Grouping of PDUs and reporting function
- Automatic detection and monitoring of up to 250 BN2000 PLC PDUs without conventional network cabling
- Plug and play solution, no additional software or server hardware required
- Ethernet, SNMP, SMTP, HTTPS, HTTP, NTP, CSV and PDF export (FTP or e-mail)
- Update via online interface or SD card (locally)
- Low internal consumption (<3 W)
- Integrated memory for logging data for up to 5 years
- Two infeeds for monitoring the A and B supplies
- Local OLED display for status queries and commissioning

#	
With Powerline communication module	
329.3200	19" housing | No fan | 2x3 phases/230V/400V

329.3200

BN2000 Inline PLC

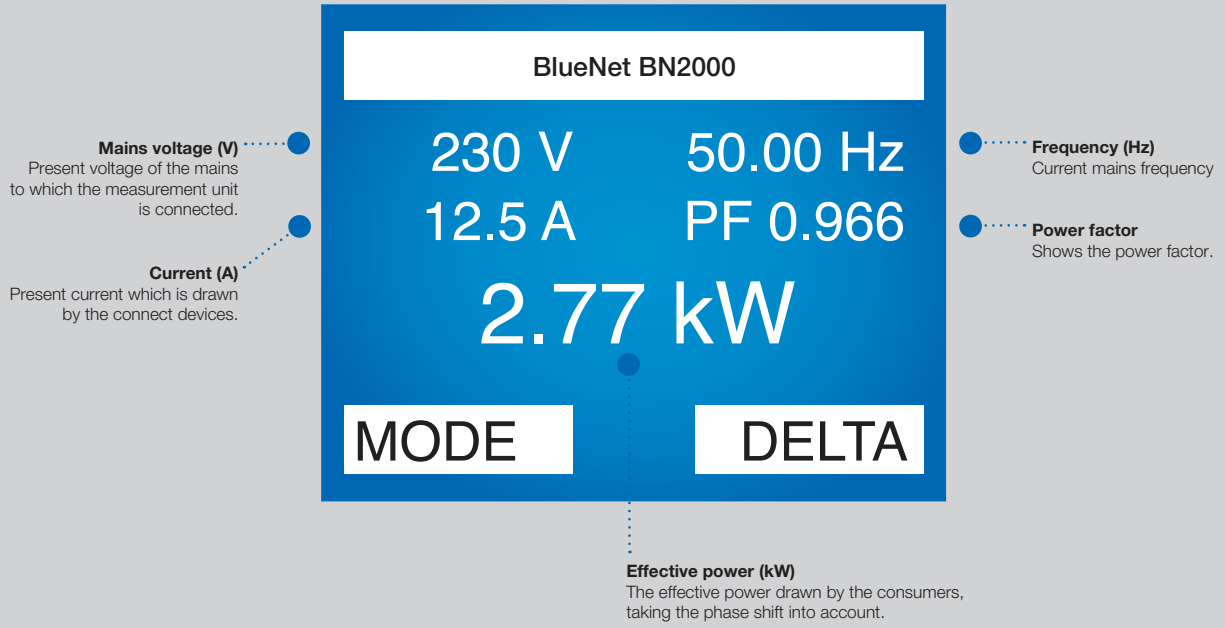
Measurement per phase | Measurement per port | Switching | Sensors

16-32A/230-400V/50Hz

#	Phases	Voltage (V)	Current (A)	Power (kVA)	Dimensions
329.3060	1	230	16	3.7	232x104x102mm
329.3061	3	400	16	11.0	232x104x102mm
329.3062	1	230	32	7.4	232x104x102mm
329.3063	3	400	32	22.1	232x104x102mm

329.3060

329.3061



16-32 A/230-400 V/50 Hz

BN2000

The BlueNet 2000 is available in 1-phase and 3-phase versions with an output range of 3.6-22 kW. Colour-coded phase assignment for the socket outlets with earthing contact and the IEC60320 socket inserts simplifies the handling of the PDU, which is overall very compact with a 1U profile (44 mm x 47 mm).

All in all, the BN2000 is impressively easy to use. Integrated current, power and energy measurement provides a clear overview of the capacity utilisation of your IT racks' power supply. An integrated temperature sensor ensures self-monitoring; two external sensors can be used to also monitor the temperature and air humidity in the IT racks by means of the BN2000 PDU. This can be operated locally on the TFT display and via the web browser using the Ethernet port.

The HTTP, SNMP, SNMP trap, Ethernet 10/100 MBit/s, DHCP and NTP protocols can be used for communication.

BENEFITS

- **Integrated measurement per phase & in total for:**
  - **Current**
  - **Power (effective, apparent and reactive power)**
  - **Energy (effective, apparent and reactive energy)**
- **Additional meter for power and energy which can be reset**
- **Voltage, frequency, power factor, neutral conductor current**
- **Ethernet connection and integrated web server**
- **Integrated temperature sensor**
- **2 further sensors (temperature/temperature & air humidity) can be connected**
- **High-resolution TFT display, display can be rotated**
- **Measurement accuracy +/- 1%**
- **Internal consumption <1 W**

Pictograms and their meaning can be found on page 279.

Cable type: H05VV-F

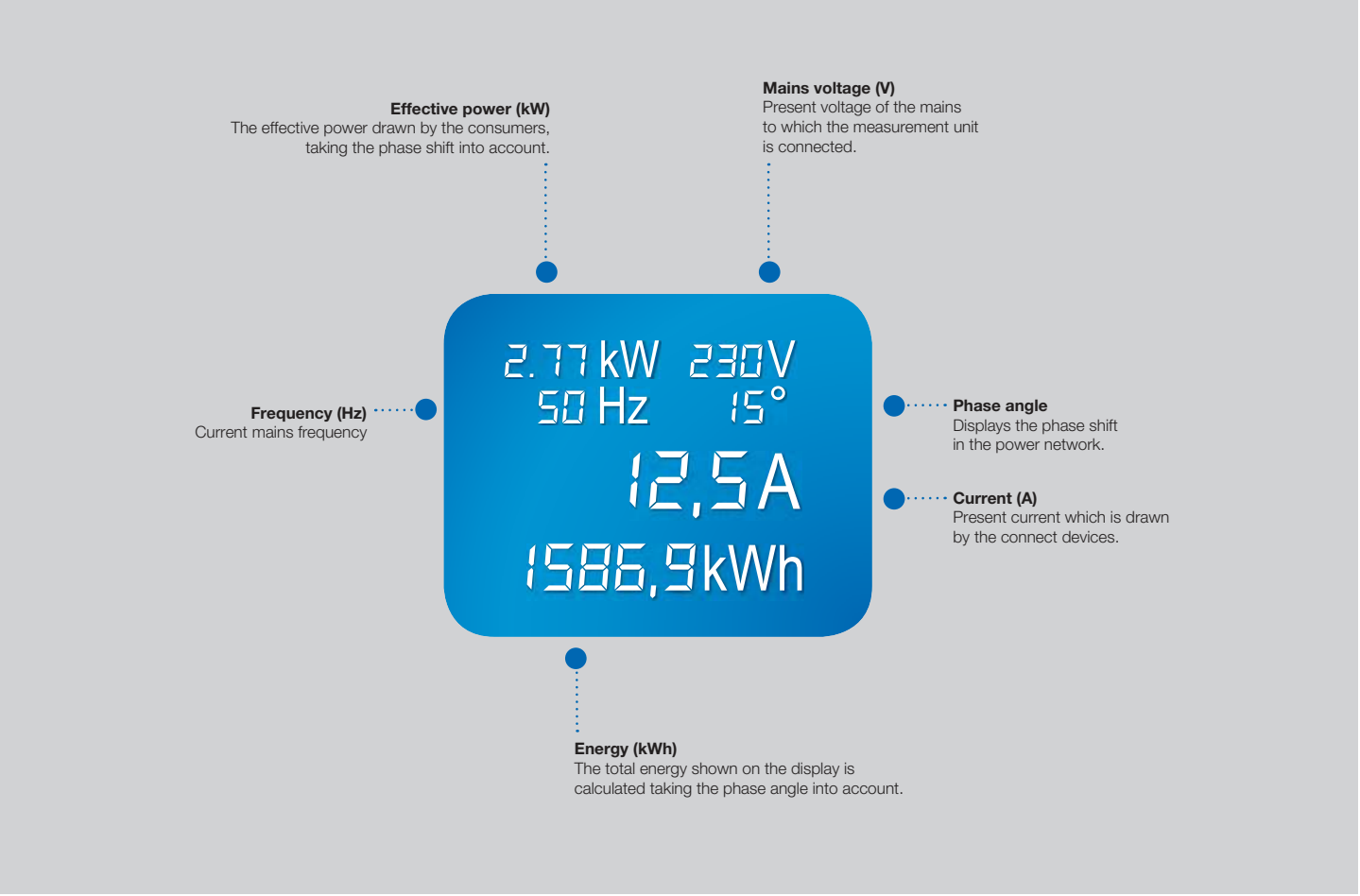
#	Cable cross-section (mm²)	Cable length (m)	Plug	Phase(s)	C13	CEE 7/3	C19	C16A miniature circuit breaker	Outlets in total	Dimensions
16 A / 230 V										
329.3009	1.5	2	CEE 7/3	1		6			6	439 x 44 x 44 mm
329.3010	1.5	2	CEE 7/3	1	8				8	439 x 44 x 44 mm
329.3057	2.5	3	CEE	1	24		3*		30	1033 x 44 x 44 mm
16 A / 400 V										
329.3012	1.5	3	CEE	3	36	6			42	1758 x 44 x 44 mm
329.3013	1.5	3	CEE	3	36		6		42	1758 x 44 x 44 mm
329.3059	2.5	3	CEE	3	24		6*		30	1373 x 44 x 44 mm
32 A / 230 V										
329.3056	4	3	CEE	1	24		4*	2	28	1331 x 44 x 44 mm
32 A / 400 V										
329.3058	4	3	CEE	3	24		6*	3	30	1883 x 44 x 44 mm

329.3009

329.3010

* with integrated IEC lock

Pictograms and their meaning can be found on page 279.



BN0500

BENEFITS

- **Integrated measurement of current, effective power, voltage, frequency, phase angle and energy**
- **Indication on illuminated LCD**
- **Energy meter which can be reset (value is stored even if there is no power supply)**
- **Measurement accuracy +/- 2%**

Pictograms and their meaning can be found on page 279.

Measurement per phase | Measurement per port | Switching | Sensors

19" BN0500 (16 A / 230 V)

#	C13	C19	CEE 7/3	UTE	UK	T13	Outlets in total	Dimensions
2.0 m H05VV-F 3G 1.5 mm² with right-angled plug with earthing contact								
800.2054			8				8	483 x 44 x 44 mm
800.2055	12						12	483 x 44 x 44 mm
800.2154		8					8	483 x 44 x 44 mm
800.2067*				8			8	483 x 44 x 44 mm
2.0 m H05VV-F 3G 1.5 mm² with UK plug								
800.2068*					6		6	483 x 44 x 44 mm
2.0 m H05VV-F 3G 1.5 mm² with T23 plug								
800.2063*						7	7	483 x 44 x 44 mm

BN0500 with CEE plug

#	C13	C19	CEE 7/3	Outlets in total	Dimensions
16 A / 230 V | 3.0 m H05VV-F 3G 1.5 mm²					
800.2395	16	4		20	746 x 44 x 44 mm
800.2396	16		4	20	746 x 44 x 44 mm
800.2135	24	4**		28	958 x 44 x 44 mm
16 A / 400 V | 3.0 m H05VV-F 5G 2.5 mm²					
800.2398	18	3		21	978 x 44 x 44 mm
800.2399	18		3	21	978 x 44 x 44 mm
800.2400	24	6		30	1360 x 44 x 44 mm
800.2401	24		6	30	1360 x 44 x 44 mm
800.2402	24	6	6	36	1787 x 44 x 44 mm
800.2403	36	6		42	1616 x 44 x 44 mm
800.2404	36		6	42	1616 x 44 x 44 mm
32 A / 230 V | 3.0 m H05VV-F 3G 4 mm²					
800.2405	16	4		20	916 x 44 x 44 mm
800.2406	16		4	20	916 x 44 x 44 mm
800.2407	24	4		28	1086 x 44 x 44 mm
32 A / 400 V | 3.0 m H05VV-F 3G 4 mm²					
800.2408	24	6		30	1787 x 44 x 44 mm
800.2409	24		6	30	1787 x 44 x 44 mm
800.2410	36	6		42	2042 x 44 x 44 mm

800.2054

* No storage type ** with integrated IEC lock

Pictograms and their meaning can be found on page 279.

IT PDU Basic 1 U

With its IT PDU Basic 1 U, BACHMANN provides a huge choice of PDUs in a high-quality aluminium profile. With their extremely compact size of just 1 height unit, 44 mm in depth and 19" in width, the PDUs can be easily integrated into your IT rack.

Their multi-functional mounting brackets allow the units to be easily mounted in various ways (e.g. inwardly recessed). Our high quality standards ensure that the contact is reliable.

- Torsionally rigid 1 U aluminium profile, 19" format
- Up to 9 x socket inserts in the 19" format
- Flexible positioning and universal attachment options
- The modular platform allows individual solutions to be project-planned

Versions available:

- Anodised profiles in black or grey
- End caps riveted or rewirable
- Earthing contact and IEC60320 sockets
- Various country versions
- Illuminated 2-pole switch
- Locking of IEC60320 plugs
- 3-way and 12-way variants (no 19" format)
- Type III 6.5 KA overvoltage protection
- Mains and frequency filters
- Protection with micro fuse
- 30 mA residual current device
- Micro circuit breaker
- Master + Slave function
- Sockets set at 35°

 Pictograms and their meaning can be found on page 279.

19" IT PDU Basic (230 V / 50 Hz)

· Cable type: 2.0 m H05VV-F 3G 1.50 mm²
· Phase(s): 1
· Nominal voltage: 230 V
· Current per phase: 16 A

#	Plug	B16A miniature circuit breaker	RCD 30 mA	Thermal fuse A	Switch	C13	with locking clips 940.103	C19	CEE 7/3	Outlets in total	Profile colour
333.401	CEE 7/7								9	9	grey
333.506	CEE 7/7								9	9	black
333.400	CEE 7/7				●				8	8	grey
333.505	CEE 7/7				●				8	8	black
333.539	CEE 7/7					9				9	grey
333.616	CEE 7/7					12	●			12	grey
333.815	C20							8		8	grey
800.2332	C20					8		3		11	grey
800.2333	C20							3	6	9	grey
333.416	Terminal								8	8	grey
333.830	Terminal					12				12	grey
With overvoltage protection											
333.404	CEE 7/7								8	8	grey
333.534	CEE 7/7								8	8	black
333.405	CEE 7/7				●				7	7	grey
333.535	CEE 7/7				●				7	7	black
With overvoltage protection | Mains and frequency filters											
333.402	CEE 7/7								6	6	grey
333.536	CEE 7/7								6	6	black
333.403	CEE 7/7				●				5	5	grey
333.537	CEE 7/7				●				5	5	black
With mains and frequency filters											
333.406	CEE 7/7								7	7	grey
With fuse											
333.411	CEE 7/7		●						6	6	grey
333.412	CEE 7/7	●							6	6	grey
333.408	CEE 7/7			10		8				8	grey
800.2331	CEE 7/7			10		12	●			12	grey
333.410	C14			10					8	8	grey
333.538	C14			10					8	8	black
333.540	C14			10		8				8	grey
800.2284	C14			10		12	●			12	grey

For more **19" power strips >1 U,** see from page 250.

IT PDU Basic (230 V / 50 Hz)

- Cable type: 2.0 m H05VV-F 3G 1.50 mm²
- Plug: CEE 7/7
- Phase(s): 1
- Current per phase: 16 A

#	CEE 7/3	Outlets in total	Dimensions
333.413	12	12	565 x 44 x 44 mm
10"			
333.417	3	3	208 x 44 x 44 mm
333.0122	4	4	208 x 44 x 44 mm
With overvoltage protection			
800.2334	12	12	608 x 44 x 44 mm

19" IT PDU Basic Master + Slave (230 V / 50 Hz)

- Cable type: 2.0 m H05VV-F 3G 1.50 mm²
- Automatically isolates the master unit and all slave units from the mains supply once the master unit is shut down/switched off
- Automatically switches on master device and all slave devices once master device has been switched on
- Integral LED indicates switching state

#	Plug	Phase(s)	Rated voltage (V)	Current per phase (A)	CEE 7/3	Outlets in total
333.407	CEE 7/7	1	230	16	1+4	5

333.407

19" fuse box (32 A / 400 V / 50 Hz)

- Cable type: 2.0 m H05VV-F 5G 4.0 mm²
- Space-saving option of splitting a 32 A/400 V infeed between two 16 A/400 V infeeds
- 6 x 16 A miniature circuit breakers with characteristic C

#	Plug	Phase(s)	Rated voltage (V)	Current per phase (A)	Miniature circuit breaker	CEE	Outlets in total
800.0120	3 x CEE 32 A	3	400	32	6 x C16	6 x 16 A	6

800.0120

Pictograms and their meaning can be found on page 279.

19" IT PDU Basic Switzerland (230 V / 50 Hz)

· Phase(s): 1

#	Cable type H05VV-F	Cable length (m)	Plug	Current per phase (A)	Switch	Thermal fuse (A)	T13	T23	Outlets in total
800.1259	3G 1.0 mm²	2.0	T12	10		10	8		8
800.1262	3G 1.5 mm²	3.0	T23	16				8	8
800.1263	3G 1.0 mm²	2.0	T12	10	●	10	7		7
800.1264	3G 1.5 mm²	3.0	T23	16	●			7	7
With overvoltage protection									
800.1260	3G 1.0 mm²	2.0	T12	10		10	7		7
800.1258	3G 1.5 mm²	3.0	T23	16				7	7
With overvoltage protection | Mains and frequency filters									
800.1261	3G 1.0 mm²	2.0	T12	16		10	5		5
800.1265	3G 1.5 mm²	3.0	T23	16				5	5

800.1259

800.1263

800.1260

800.1251

19" IT PDU Basic UK (230 V / 50 Hz)

· Phase(s): 1

#	Cable type H05VV-F	Cable length (m)	Plug	Current per phase (A)	Switch	UK	Outlets in total
333.804	3G 1.5 mm²	2.0	UK	13		7	7
333.805	3G 1.5 mm²	2.0	UK	13	●	6	6

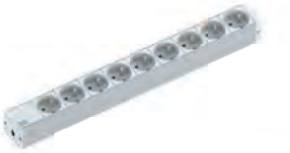
333.804

333.805

19" IT PDU Basic France (230 V / 50 Hz)

· Cable type: 2.0 m H05VV-F 3G 1.50 mm²
· Phase(s): 1
· Current per phase: 16 A

#	Plug	Miniature circuit breaker	RCD 30 mA	Switch	UTE	Outlets in total
333.418	CEE 7/7				9	9
333.819	Terminal				8	8
333.419	CEE 7/7			●	8	8
With overvoltage protection						
333.4061	CEE 7/7				8	8
333.838	CEE 7/7			●	7	7
With overvoltage protection | Mains and frequency filters						
333.4063	CEE 7/7				6	6
333.840	CEE 7/7			●	5	5
With fuse						
333.4065	CEE 7/7		●		6	6
333.4066	CEE 7/7	B16			6	6


333.418

333.838

333.4065

IT PDU Basic 1 U Vertical

For future-proofed, highly efficient power distribution in data centres, server racks and network racks.

The high-quality and very robust aluminium profile measures a compact 44 x 47 mm.

The space-saving design therefore provides space for data cabling and ventilation for cooling the server rack.

BENEFITS

- **Space-saving integration of PDU into the server rack with scope for modular add-ons**
- **High-quality and very robust aluminium profile**
- **Phases identified by colour**
- **PDU with single or double infeed to increase performance or to create redundancies, up to 96 A per PDU**
- **Customised and country-specific solutions in series quality on request**

IEC60320 C19 with IEC Lock
The IEC Lock system protects computers, as servers and electrical equipment can become accidentally disconnected due to vibrations.

IEC60320 C13, lockable
Two locking clips to secure two connection cables. IEC60320 C13 with IEC Lock available as an option.

Pictograms and their meaning can be found on page 279.

Power distribution units

#	Cable type H05VV-F-	Cable length (m)	Plug	Phases	Miniature circuit breaker C16A	C13	with locking clips 940.103	C19	CEE 7/3	Outlets in total	Dimensions (mm)
16 A / 230 V / 50 Hz											
800.1657	3G 2.5 mm²	3	CEE	1		24	●	3*		27	1075 x 44 x 47
800.2335	3G 2.5 mm²	3	CEE	1		16			4	20	735 x 44 x 47
19" | 16 A / 400 V / 50 Hz											
800.0111	5G 2.5 mm²	3	CEE	3				6*		6	482.6 x 44 x 47
16 A / 400 V / 50 Hz											
800.0104	5G 2.5 mm²	3	CEE	3		18		3*		21	821 x 44 x 47
800.0105	5G 2.5 mm²	3	CEE	3		18				18	821 x 44 x 47
800.0107	5G 2.5 mm²	3	CEE	3					15	15	821 x 44 x 47
800.0109	5G 2.5 mm²	3	CEE	3		12			6	18	821 x 44 x 47
800.1656	5G 2.5 mm²	3	CEE	3		24		3*		27	1075 x 44 x 47
800.0113	2 x 5G 2.5 mm²	2 x 3	2 x WEF**	6		36			12	48	1840 x 44 x 47
800.0114	2 x 5G 2.5 mm²	2 x 3	2 x WEF**	6		48				48	1840 x 44 x 47
800.2337	5G 2.5 mm²	3	CEE	3		18			3	21	734 x 44 x 47
800.2282	5G 2.5 mm²	3	CEE	3		24		6		30	1116 x 44 x 47
800.2339	5G 2.5 mm²	3	CEE	3		24			6	30	1203 x 44 x 47
800.2283	5G 2.5 mm²	3	CEE	3		24		6	6	36	1457 x 44 x 47
800.1453	5G 2.5 mm²	3	CEE	3		36		6	6	48	1713 x 44 x 47
800.2341	5G 2.5 mm²	3	CEE	3		36		6		42	1457 x 44 x 47
800.2342	5G 2.5 mm²	3	CEE	3		36			6	42	1458 x 44 x 47
32 A / 230 V / 50 Hz											
800.0119	3G 4 mm²	3	CEE	1	2	20				20	778 x 44 x 47
800.2336	3G 4 mm²	3	CEE	1	2	24		4		28	1119 x 44 x 47
32 A / 400 V / 50 Hz											
800.0100	5G 4 mm²	3	CEE	3	6			12*		12	1075 x 44 x 47
800.0101	5G 4 mm²	3	CEE	3	6			6*		6	820 x 44 x 47
800.0102	5G 4 mm²	3	CEE	3	6	36				36	1586 x 44 x 47
800.2338	5G 4 mm²	3	CEE	3	6	24		6		30	1586 x 44 x 47
800.2340	5G 4 mm²	3	CEE	3	6	24			6	30	1586 x 44 x 47

800.0113

800.0100

800.0107

800.0105

For **IEC60320** and **earthing contact plug connection cables** available in grey/black to distinguish from power supply (A/B), see page 174.

* C19 with IEC lock **WEF = ferrules

IT PDU Basic >1 U ALU

Power distribution units

- Torsionally rigid profile > 1 U (52 mm), profile depth 44 mm
- Modular socket design
- Standard socket colour white; other colours black, yellow, red, brown, blue and green also available
- Optionally with illuminated 2-pole switch
- High-quality electronic components, e.g. type III overvoltage protection, mains and frequency filters
- Mounting brackets included
- End caps riveted and not openable

19" PDU >1 U ALU (230 V / 50 Hz)

· Power input: 2.0 m, H05VV-F 3G 1.50 mm² | Grey | With moulded right-angled plug with dual earthing contact system
· Phase(s): 1
· Current per phase: 16 A
· set at 35°

#	Switch	CEE 7/3	Outlets in total	Dimensions
333.001		8	8	440 x 52 x 44 mm
333.000	●	7	7	440 x 52 x 44 mm
With overvoltage protection				
333.004		7	7	440 x 52 x 44 mm
333.005	●	6	6	440 x 52 x 44 mm
With overvoltage protection | Mains and frequency filters				
333.002		5	5	440 x 52 x 44 mm
331.0202	●	4	4	440 x 52 x 44 mm

333.001

333.000

333.004

333.005

333.002

331.0202

Pictograms and their meaning can be found on page 279.

IT PDU Basic >1 U PVC

Power distribution units

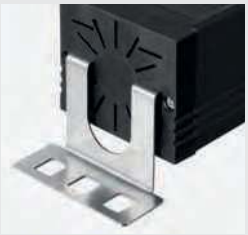
- Torsionally rigid profile > 1 U (52 mm) in high-quality PVC, profile depth 44 mm
- Optionally with illuminated 2-pole switch
- Light grey colour similar to RAL7035
- High-quality electronic components, e.g. type III overvoltage protection, mains and frequency filters
- Mounting brackets included
- End caps riveted and not openable

19" PDU >1 U PVC (230 V / 50 Hz)

· Power input: 2.0 m, H05VV-F 3G 1.50 mm² | Grey | With moulded right-angled plug with dual earthing contact system
· Phase(s): 1
· Current per phase: 16 A
· set at 35°

#	Switch	CEE 7/3	Outlets in total	Dimensions
333.601		8	8	440 x 52 x 44 mm
333.600	●	7	7	440 x 52 x 44 mm
With overvoltage protection				
333.604		7	7	440 x 52 x 44 mm
333.605	●	6	6	440 x 52 x 44 mm
With overvoltage protection | Mains and frequency filters				
333.602		5	5	440 x 52 x 44 mm

Stainless steel mounting bracket



Fitted at various heights and angles by fastening in the slots of the end cap.

Accessories

329.3104

329.3102

BlueNet BN2000 / BN2000 PLC

#	
329.3102	Temperature sensor | 2.00 m cable
329.3104	Combination temperature and air humidity sensor | 2.00 m cable

802.0101

802.0102

BlueNet BN3000 – BN7500 sensors

#	
802.0100	GPIO module
Including 2.0 m CAT 5e supply cable with RJ45 plug on both ends	
802.0101	Temperature sensor
802.0102	Combination temperature and air humidity sensor

940.103

802.0010

Plug interlocks

#	
940.103	Locking clips C13 2-way | Red | Set for 12 C13 outlets
802.0010	Interlock C13/C19 universal height (6 pieces)
940.191	SecureSleeve C14 | Red | 6 pieces
940.192	SecureSleeve C14 | Black | 6 pieces
940.193	SecureSleeve C20 | Red | 6 pieces
940.194	SecureSleeve C20 | Black | 6 pieces

940.191

940.192

Locking cap IEC60320 C13 & C19

#	
800.0050	C19 locking caps | 10 items incl. unlocking tool
800.0051	C13 locking caps | 10 items incl. unlocking tool
800.0052	Unlocking tool for locking cap

800.0050

800.0051

800.0052

RackFix tool-free mounting on 19" rail

· Self-locking fixing connector for tool-free mounting of PDUs in 19" rack

#	
940.166	Mounting clip, supplied in packs of 50
940.167	Disassembly tool for fixing clip

940.166

940.167

Pictograms and their meaning can be found on page 279.

Shift inhibitor

· To protect against unintentional actuation of miniature circuit breakers and residual current devices

#	
940.140	Activation lock for circuit breakers and switches | 1-pole | To protect against unauthorised or dangerous activation of the switch lever

940.140

Mounting kits for IT PDUs

· The brackets are screwed to the PDU end cap using a screw connection (screws provided)

#	
940.142	Mounting brackets left and right (1 U)
940.096	Mounting brackets left and right (>1 U)

940.142

Mounting brackets for vertical / universal mounting profile variants

· Power strip is fixed by inserting into the profile groove provided
· No additional screws required

#	
940.141	Mounting brackets left and right (1 U)
940.143	Mounting brackets left and right (1 U) for vertical mounting
800.0053	Link for connecting two vertically mounted PDUs (1 U)

940.141

940.143

800.0053

Replacement mounting accessories (BN3000 – BN7500)

#	
802.0001	Universal mounting kit
802.0002	Mounting kit, rear
802.0003	Mounting kit, side
802.0004	Universal mounting kit with double holder

802.0001

802.0002

802.0003

Mounting options

802.0001

802.0002

802.0003

Glossary

10-inch (10") panel
A mounting frame with a standardised width of 10" = 254 mm, with holes for bolting to 10" racks. Used for events equipment, media and laboratory systems and in computer centres. As a rule, the panels have a height of 1 height unit (1 U) with a specified height of 1.75" = 44.5 mm.

19-inch panel (19")
A mounting frame with a standardised width of 19" = 482.6 mm, with holes for bolting to 19" racks. Frequently used for events equipment, media and laboratory systems and in computer centres. As a rule, the panels have a height of 1 height unit (1 U) with a specified height of 1.75" = 44.5 mm.

4-key keypad
Programmable illuminated buttons for controlling devices and media.

Audio jack or tip-ring-sleeve (TRS) connector
Internationally accepted electrical plug connector for transmitting AC or DC in the low-voltage (SELV – safety extra-low voltage) range. Jack plugs, sockets and couplings are used most typically for forwarding audio signals or for connecting a small electronic device to a power supply unit, for example. Jack plugs are often used for connecting headphones to audio equipment. Versions available:
3.5 mm (miniature jack) for portable devices (MP3 players, Discmans etc.), sound cards and small headphones.
6.35 mm (jack) for stereo systems and electronic music equipment (mixing desks, effects units, synthesisers, keyboards, electric pianos, electric guitars and guitar amplifiers).

Bandwidth
The difference between two frequencies that form the limits of a specific, unbroken frequency range between them.

Blank
Function in video output devices of switching to a black still frame.

BNC plug connectors – Bayonet Neill Concelman
are coaxial plug connectors with a bayonet lock for high frequencies up to approx. 1 GHz, in some cases up to 4 GHz, with a defined wave impedance of 50 or 75 Ω (interchangeable). They are used chiefly in radio and video systems. The BNC design has however also been used for transmitting weak DC and low-frequency AC signals and pulses in laboratory applications because of the shielding of the outer conductor from electrical interference. The coaxial construction thus provides protection against external electric fields. For this reason, connections to measuring devices such as oscilloscopes, frequency counters and function generators generally use BNC-type cables.

Button: automatic switch-off
Power strips that feature an automatic switch-off device are used to automatically switch off the power to the connected equipment. Pressing the button subsequently restores the power supply to the equipment connected to the automatic switch-off.

Button: stainless steel
For connecting by the user to control equipment and media

Button
Illuminated blue, various types (e.g. in desk control panels for controlling equipment). Rocker buttons are used for up/down control of external devices, e.g. screen, blinds etc.

CAT
In data connection technology, the following main categories
and classes for equipment performance are generally accepted:

Category	Class	MHz	GB
CAT5e	D	100	1
CAT6	E	250	1
CAT6a	E	500	10
CAT7	F	600	10
CAT7a	F	1000	

The difference between category and class is that the individual components such as cable, socket, connector etc. are graded into categories. The overall performance of the sum of these components, i.e. of the complete data network, is referred to as the class. The class of the network as a whole is thus determined by the weakest components. Example: CAT6 cable and plug are connected to a CAT5e socket, the overall network therefore attains only class D. A distinction is made in data connection equipment between shielded and unshielded components. Worldwide, unshielded versions are most commonly used; however, almost 100% of cabling in Germany is shielded. The currently applicable standard for this area of data connection technology is summarised in EN 50173.

Cinch (RCA)
For non-standardised plug connectors for transmitting electrical signals, primarily on coaxial cables. Colour code: Audio white = left analogue channel (sometimes also black); Audio red = right analogue channel; Orange = digital audio; Video yellow = composite video, analogue unmodulated TV picture signal in baseband (VBS or CVBS);
Video green = Y (brightness); Video blue = Pb (colour difference); Video red = Pr (colour difference)

Coaxial cable (COAX)
Coaxial cable is a special type of cable with concentrically arranged conductors for carrying high-frequency signals, such as in TV systems for analogue CVBS or for digital studio signals (DSC).

Composite video
See **Cinch (RCA)**

Controller
See **Media control systems**

Crossover
In computer networking, a cross or crossover cable is an eight-wire twisted-pair cable with an RJ45 plug at each end, but where some of the wires have been swapped over in one of the plugs. It is required where two computers are connected together directly, for example. Instead of a crossover cable, an uncrossed cable can also be used in conjunction with a crossover adapter to obtain the required crossing of wire pairs. The simplest use of a crossover cable is to link two computers with network cards without necessarily requiring a hub or switch. The two computers connected in this way form a complete network on the smallest possible scale. Crossover cables can normally be dispensed with in gigabit Ethernet, since Auto-MDI-X is defined in the standard for this and is supported by most devices. In a crossover cable, the sent data wire is swapped with the received data wire at one end, so that data exchange is possible over a direct connection. If the send and receive wires had not been swapped at one end, no link between the machines would be obtained.

CVBS
See **Cinch (RCA)**

DisplayPort
A port for conveying image and sound signals (e.g. monitor, DVD player, plasma TV etc.)

DVB-C offers more channels – theoretically up to 500. However, a paid-for cable connection is required to receive the signal. Commercial broadcasters using the digital cable network usually encrypt the signal, which then requires a smart card from the network operator to decode.

DVB-T allows up to 24 TV channels to be received via a conventional domestic TV antenna. The channels are broadcast without encryption and are therefore free of charge. So far, commercial broadcasters have only used DVB-T in urban areas.

DVB – Digital Video Broadcasting
By 2010, all radio and TV channels in Germany are expected to be transmitted via digital video broadcasting (DVB). The transmission paths available are terrestrial frequencies (DVB-T), cable (DVB-C) and satellite (DVB-S). A mobile radio standard (DVB-H) is still at the testing stage. In all cases, a special receiver is required to receive the signal.

DVI – Digital Video Interface
A digital interface for video signals. In this system, the sound has a separate input. The high-definition (HD) formats use the new HDMI input, however. There are three different types of digital video interface:
DVI-A transmits analogue signals only;
DVI-I is capable of transmitting both analogue and digital signals, while
DVI-D transmits digital signals only. If the new TFT monitor has a DVI-D interface, the old graphics card with analogue VGA output cannot be connected to it.

Ethernet
A protocol that controls data transfer in local area networks (LANs). This transmission standard was developed by the Californian Xerox corporation in 1976.

F-plug-connectors
(IEC 60169-24) are coaxial plug connectors with screw locking designed for high frequencies up to about 5 GHz with a defined wave impedance of 75 Ω. The most commonly used plug connector in satellite television systems worldwide.

FireWire
The FireWire interface is used for rapid data exchange between a computer and multimedia or other peripheral devices. Thanks to its high transfer rate, FireWire can also be used as an alternative to Ethernet (IP over FireWire).

Full-HD TV
Full-HD models offer TV and video images with 1920 x 1080 pixels – currently the highest pixel number in HDTV broadcasts or high-definition feeds. This picture quality represents five times the resolution of conventional TV pictures. Even when observed close up, the viewer cannot see any kind of pixel structure. Video projections benefit in particular from full-HD resolution. The term is mostly used to describe the ability of an HDTV-capable device to output the highest possible HD resolution.

Hardware detect
Automatic detection of incoming signals, e.g. if a laptop is connected to an output device while switched on, the output device automatically recognises this newly-connected device.

HDMI – High Definition Multimedia Interface
Interface for transmitting picture and sound data in HDTV and HD television systems. It enables fully digital transmission of video and digital sound with up to eight channels. The HDCP digital copy-protection system is built in.

HDTV – High Definition Television
HDTV has significantly higher resolution, shows the picture more sharply and with more detail, and is broadcast with an aspect ratio of 16:9 rather than the traditional 4:3. Resolution is up to 1920 x 1080 pixels. To receive HD pictures, a TV set is required that carries the "HD ready" seal.

Hi-Fi (high-fidelity)
is a quality standard for audio playback equipment.

Hosiden
See **S-video**.

Impedance
Impedance, sometimes also known as AC resistance, states the ratio of electrical voltage across a consumer (component, cable etc.) to the current drawn. Impedance is important when matching high-frequency cables and also in the transmission of electromagnetic waves in free space. If, for example, the input impedance of a device does not match that of the incoming cable, reflections occur that reduce the energy transmitted and this may result in resonance effects and thus a non-linear frequency response.

ISDN – Integrated Services Digital Network
International standard for a digital telephone network. Allows multiple channels to transmit simultaneously. A basic ISDN connection offers the user two independently available channels for telephone or Internet. Bandwidth is 64 kb/s.

Keystone
Universal dimensions (19.3 x 14.7 mm) for cut-outs for mounting components.

KNX
KNX technology resulted from the confluence of three established European bus standards, the European Installation Bus (EIB), the European Home Systems Protocol (EHS) and Batibus (used in heating/ventilation/climate control) to create a unified technological platform for all areas of home and building systems in the form of an international industry standard. KNX allows central control of practically all components of home and building systems technology, from lighting and heating to alarm systems, and offers advantages of convenience, security and economy for functional buildings as well as in residential settings. The KNX specification was presented by the then newly founded KNX Association in spring 2002. Based on the EIB standard, with which the new technology platform remains fully compatible, KNX emerged from the addition of new configuration mechanisms and transfer media that had originally been developed for Batibus and EHS. By 2003, KNX was ratified by CENELEC, the Brussels-based European committee for electrical standards, as European

Standard EN 50090. Shortly afterwards, it was ratified by the CEN standards institute under EN 13221-1 as the European standard for the automation of buildings.

LAN – Local Area Network
Computer network that links various computers and peripheral devices via cables or wireless over a restricted physical area.

LC
This plug is similar to the SC but smaller.

Loudspeaker connection
Stereo (red + white) with screw terminals for transmitting audio signals.

Media control
Control of video, power, lighting and audio systems in a building. Sound, light and video are controlled by appropriate commands. Media control allows all the devices to be used in a presentation to be linked and controlled in the desired time sequence.

Miniature jack
A 3.5 mm jack socket for transmitting audio signals (e.g. from laptop or PC to loudspeakers).

Mini USB
A compact plug or socket version of the USB standard. This version was developed for devices with restricted space such as mobile telephones and digital cameras.

MTRJ
An optical connector that accommodates two fibres; the junctions are embedded in a common plastic block in the shape of a RJ45 connector. This design also prevents any confusion of the outward and return line and is easy to insert and to remove. This connector is suitable for single-mode and multi-mode fibres.

MUTE
Switching of audio devices to silence.

Overvoltage protection with filter
Overvoltage protection – conforms to DIN VDE 0620-1:01-2002, EN 61643-11:08-2007, type 3, discharge current 6.5 kA, response time < 25 nS. Suitable for 16 A (miniature fuse on request) with varistors, temperature fuse, gas discharge arrester, visual LED function and failure indicator (acoustic signalling also available on request). Mains and frequency filters – conforming to VDE 0565-3:05-2006 for voltage peaks up to 30 MHz, damping diagram on data sheet.

OWG – Optical waveguides
Cables made up of, or including, optical fibre conductors with plug connectors for transmitting optical signals in the visible, ultraviolet or infra-red ranges. Fibre-optic cables form a reasonably pliable medium for transmitting optical signals or even higher-powered optical radiation.

PAL – Phase Alternating Line
The conventional television standard in Europe for analogue TV signals with a resolution of 720 x 576 pixels.

Potential-free contact
Used for communicating a status between electrical devices. Contact is normally established via a relay or optical coupler. This ensures that the electric circuits of the respective devices remain electrically isolated from one another. This solution is the simplest and safest method for transmitting digital data electrically, for example.

Power Con
A type of 3-pole power connector with coding and interlocking, most frequently used for stage equipment. The interlock mechanism protects against the plug being accidentally pulled out of its socket.

PS/2 interface (PS/2 connection, PS/2 port, originally "auxiliary port"). Commonly used 6-pole serial interface for input devices (e.g. mouse and keyboard) on personal computers.

RCA
See **Cinch (RCA)**

RGB signal
In an RGB signal, the colours red, green and blue are each transmitted and/or stored in their own channel. RGB signals are used for video transmission, e.g. on computers with a VGA interface or in video systems with SCART connections.

RJ (registered jack) connectors
These are standardised connectors for telecommunications cables. The standards describe the physical form of plugs and sockets and their contact configurations, and are designated by the letters RJ and a number (e.g. RJ-45), with or without the hyphen. Examples: RJ12 6P6C/ RJ45 8P8C

RJ12
see **RJ (registered jack) plug connectors**

Router
A device that forwards data packets though various networks. The router serves to calculate the connections between, for example, two local networks (LANs) and automatically establishes the optimum path for the data packets.

RS-232
Serial interface standard with 25-pole or 9-pole connector for serial data transmission. Also known as V.24. Both one-to-one pinouts and crossover configurations are commonly used.

S-VHS – Super Video Home System
An improved, downward-compatible VHS standard for home video-band recording that offers better picture resolution and greater colour accuracy. Horizontal image resolution is some 2/3 better than in VHS. S-VHS is a standard, not a connector. The S-VHS standard signal may however be transmitted via the S-video (Hosiden) connector.

S-video/Super Video system
S-video, also known as the Y/C process, designates a special analogue video signal process in which the "luminance" (brightness) information is transmitted and processed separately from the "chrominance" (colour information). An example application of S-video is in VHS video recorders.

SC
An optical connector used in new LAN installations. The right-angled design can be used for multi-mode and single-mode glass fibres. Average insertion loss is about 0.2 dB, maximum approx. 0.4 dB. The advantage of SC over the ST connector is the push-pull design – i.e. the plug locks in automatically when inserted and is released when pulled out. This allows the use of duplex connectors (two plugs linked by a duplex clip) and duplex connections can be inserted or removed simultaneously.

See **Cinch (RCA)**

Speakon
A plug connector designed for loudspeakers, offering a robust construction, a 20 A contact current capacity and secure interlocking. Speakon connectors are available in two-pole, four-pole and eight-pole versions; the 2-pole and 4-pole types are mutually compatible. The eight-pole version has a larger physical size. The number of contacts available in a single connector makes it possible to connect multi-channel passive systems, satellite subwoofer systems or multi-channel monitor loudspeaker constellations via a single cable.

ST
This connector (also known as a BFOC connector) is common in LANs and is suitable for single-mode and multi-mode optical fibre cables. Average insertion loss is about 0.3 dB, maximum approx. 0.5 dB.

Switch
A network component for linking multiple computers or network segments within a local area network (LAN). Switches analyse network traffic and make logical decisions.

TOSLINK
A standardised optical waveguide connection system for transmitting optical signals in the range up to about 20 Mbps. Used to carry digital audio signals between audio devices.

TrueHD
Audio standard for high-resolution media such as Blu-ray and HD DVD. TrueHD allows 100% loss-free compression of audio data. The codec allows a data rate of up to 18 Mbps.

USB – Universal Serial Bus
USB is used to connect a variety of devices together by cable. USB is a bit-serial bus on which the individual bits of a data packet are transmitted one after another. Devices with USB can be connected to one another while being operated since the newly connected devices are automatically detected. USB is used to connect, for example, printers, digital cameras, MP3 players and hard disks to a computer.

VBS
VGA/audio switch
Switches between multiple input sources (e.g. several laptops) as required and forwards the signal to output media devices (e.g. projector, monitor, loudspeaker).

VGA – Video Graphics Array
Refers to a computer graphics standard (EISA, 1987) that defines specific combinations of image resolution and number of colours (colour bit depth) as well as repeat frequency. VGA allows a resolution of 640 x 480 pixels, while VGA cables allow a higher resolution. The 15-pole VGA socket is used to transmit image signals (e.g. from laptop or PC monitor to a projector, VGA switch box etc.)

XLR
Industry standard for electrical plug connectors. Used in professional public-address and recording studio systems. 3-pole XLR connectors are used for analogue microphone and loudspeaker signals and for digital AES/EBU signals. 5-pole connectors are used for DMX digital lighting control data.

International socket types

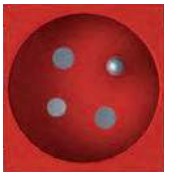
M-earthing contact | Germany/type F

Output: 16A/250V max. 3680W
Standard: DIN VDE 0620-1/construction type DIN 49440/CEE 7/3
Colour: black, red, white, grey
Orientation: set at 35° or 90°
Module width: 42.5mm
With shutter

M-UTE | France/type E

Output: 16A/250V max. 3680W
Standard: NF C 61-314/CEE 7/5
Colour: black, red, white, grey
Orientation: set at 35°
Module width: 42.5mm
With shutter

M-UTE IT | France/type E



Output: 16A/250V max. 3680W
Standard: NF C 61-314/CEE 7/5
Colour: red
Orientation: set at 35°
Module width: 42.5mm
With shutter
With additional mechanical plug-in fuse

M-CH T13 | Switzerland/type J

Output: 10A/250V max. 2500W
Standard: SEV 1011
Colour: black, red
Orientation: set at 0°
Module width: 35mm
With shutter

M-CH T23 | Switzerland/type J

Output: 16A/250V max. 3680W
Standard: SEV 1011
Colour: black, red
Orientation: set at 90°
Module width: 42.5mm
With shutter

M-USA | USA/type B

Output: 15A/125V
Standard: NEMA 5-15r
Colour: black
Orientation: set at 0°
Module width: 32mm

M-UK FUSE | UK/type G

Output: 13A/250V max. 3200W (depends on fuse)
Standard: BS 1363/fuse in accordance with BS 1362
Colour: black
Orientation: set at 45° or 90°
Module width: 54mm
With shutter

M-UK | UK/type G

Output: 13 A/250 V max. 3200 W
Standard: BS 1363
Colour: black
Orientation: set at 90°

Module width: 54 mm
With shutter

M-IT | Italy/type L/F

Output: 10(16) A/250 V max. 2500(3680) W
Standard: CEI 23-50
Colour: black
Orientation: set at 35°

Module width: 45 mm
With shutter

M-AUS | Australia/type I

Output: 10 A/250 V max. 2500 W
Standard: AS/NZS 3112
Colour: black
Orientation: set at 90°

Module width: 44.8 mm

M-CN | China/type I

Output: 10 A/250 V max. 2500 W
Standard: CPCS-CCC
Colour: black
Orientation: set at 90°

Module width: 42.5 mm

M-DK | Denmark/type K

Output: 10 A/250 V max. 2500 W
Standard: DS 107-2-D1
Colour: black
Orientation: set at 35°

Module width: 42.5 mm
With shutter

M-DK IT | Denmark/type K

Output: 10 A/250 V max. 2500 W
Standard: DK 2-5a (DK IT)
Colour: black
Orientation: set at 35°

Module width: 42.5 mm
With shutter

M-IEC C13

Output: 10 A/250 V max. 2500 W
Standard: IEC 60320
Colour: black
Orientation: set at 90°

Module width: 42.5 mm

M-IEC C19

Output: 16 A/250 V max. 3680 W
Standard: IEC 60320
Colour: black
Orientation: set at 90°

Module width: 42.5 mm

International plug types

Right-angled plug with earthing contact | CEE 7/7 (type E/F)

BACHMANN type: type 30
With dual earthing contact system

Suitable for (e.g.):
H03VV-F 3G 0.75 mm²
H05VV-F 3G 0.75 mm²
H05VV-F 3G 1.00 mm²
H05VV-F 3G 1.50 mm²
H07BQ-F 3G 1.50 mm²
H05BQ-F 3G 0.75 mm²

Central plug with earthing contact | CEE 7/7 (type E/F)

BACHMANN type: type 31
With dual earthing contact system

Suitable for (e.g.):
H03VV-F 3G 0.75 mm²
H05VV-F 3G 1.00 mm²
H05VV-F 3G 1.50 mm²
05RV4-F 3G 0.75 mm²
H03V4V4-H 3G 1.00 mm²
H03RT-H 3G 0.75 mm²

BACHMANN type: type 32
With dual earthing contact system
Splash-proof

Suitable for (e.g.):
H05VV-F 3G 1.50 mm²
H05RR-F 3G 0.75 mm²
H05RR-F 3G 1.50 mm²
H07RN-F 3G 1.00 mm²
H07RN-F 3G 1.50 mm²
H07BQ-F 3G 1.50 mm²
H07RN-F 3G 2.50 mm²

Coupling with earthing contact | CEE 7/3 (type F)

BACHMANN type: type 34

Suitable for (e.g.):
H05VV-F3G 1.00 mm²
H05VV-F 3G 1.50 mm²
H05VV-F 3G 2.50 mm²
H07RN-F 3G 1.00 mm²
H07RN-F 3G 1.50 mm²

Swiss plug | SEV 1011 T11 (type J)

BACHMANN type: type 11, 10A
2-pole

Suitable for (e.g.):
H03VVH2-F 2x 0.75 mm²
H05VVH2-F 2x 1.0 mm²
H05VV-F 2x 1.00 mm²

Swiss plug | SEV 1011 T12 (type J)

BACHMANN type: type 12, 10A
2-pole with earthing contact

Suitable for (e.g.):
H05VV-F 3G 1.00 mm²
H05VV-F 3G 1.50 mm²

Swiss coupling | SEV 1011 T11 (type J)

BACHMANN type: type 11 D
2-pole

Suitable for (e.g.):
H03VVH2-F 2x 0.75 mm²
H03VV-F 2x 0.75 mm²
H05VV-F 2x 1.00 mm²

Swiss plug | SEV 1011 T23 (type J)

BACHMANN type: type 23, 10A/16A
2-pole with earthing contact

Suitable for (e.g.):
H05VV-F 3G 1.00 mm²
H05VV-F 3G 1.50 mm²

Plug with protection class 0 | CEE 7/2 (type C)

BACHMANN type: type 44
2-pole

Suitable for (e.g.):
H03VV-F 2 x 0.75 mm²
H05VV-F 2 x 0.75 mm²
H05VV-F 2 x 1.00 mm²
H05VV-F 2 x 1.50 mm²

UK plug | BS 1363 (type G)

BACHMANN type: type 45-2, 13 A
2-pole
Moulded with 13 A fuse

Suitable for (e.g.):
H03VVH2-2 x 0.75 mm²
H05VVH2-2 x 0.75 mm²
H03VV-F 2 x 0.75 mm²
H05VV-F 2 x 0.75 mm²
H05VV-F 2 x 1.00 mm²

BACHMANN type: type 45, 13 A
2-pole with earthing contact
Moulded with 13 A fuse

Suitable for (e.g.):
H03VV-F 3G 0.75 mm²
H05VV-F 3G 0.75 mm²
H05VV-F 3G 1.00 mm²
H05VV-F 3G 1.50 mm²

USA plug UL / CSA | NEMA 1-15p (type A)

BACHMANN type: type 46-2
2-pole

Cable types to suit your requirements.

USA plug UL / CSA | NEMA 5-15p (type B)

BACHMANN type: type 46
2-pole with earthing contact

Cable types to suit your requirements.

Italy plug | CEI 23-50 S11 (type L)

BACHMANN type: type 49, 10 A
2-pole with earthing contact

Suitable for (e.g.):
H05VV-F3G0.75 mm²
H05VV-F3G1.00 mm²

Italy plug | CEI 23-50 S17 (type L)

BACHMANN type: type 50, 16 A
2-pole with earthing contact

Suitable for (e.g.):
H05VV-F3G1.50 mm²

Denmark plug | DS 107-2D1 (type K)

BACHMANN type: type 47, 10 A
2-pole with earthing contact

Suitable for (e.g.):
H05VV-F3G 0.75 mm²
H05VV-F3G 1.00 mm²
H05VV-F3G 1.50 mm²

Denmark right-angled plug | DS 107-2D1 (type K)

BACHMANN type: type 47W, 10 A
2-pole with earthing contact

Suitable for (e.g.):
H05VV-F3G 0.75 mm²
H05VV-F3G 1.00 mm²
H05VV-F3G 1.50 mm²

Denmark IT plug | DK 2-5a

BACHMANN type: type 48, 10 A
2-pole with earthing contact

Suitable for (e.g.):
H05VV-F3G 0.75 mm²
H05VV-F3G 1.00 mm²
H05VV-F3G 1.50 mm²

Denmark IT right-angled plug | DK 2-5a

BACHMANN type: type 48W, 10 A
2-pole with earthing contact

Suitable for (e.g.):
H05VV-F3G 0.75 mm²
H05VV-F3G 1.00 mm²
H05VV-F3G 1.50 mm²

Euro flat plug | CEE 7/16 (type C)

BACHMANN type: type 20 F

Suitable for (e.g.):
H03VVH2-F 2 x 0.75 mm²
H05VVH2-F 2 x 0.75 mm²

Contour plug | CEE 7/17

BACHMANN type: type 24 G

Suitable for (e.g.):
H05RN-F 2 x 1.00 mm²
H07RN-F 2 x 1.00 mm²
H07RN-F 2 x 1.50 mm²
H05BQ-F 2 x 1.00 mm²
H07BQ-F 2 x 1.50 mm²

BACHMANN type: type 24 K

Suitable for (e.g.):
H05VV-F 2 x 0.75 mm²
H05VV-F 2 x 1.00 mm²

BACHMANN type: type 24 S
Splash-proof
Shock-resistant

Suitable for (e.g.):
H07RN-F 2 x 1.00 mm²
H07RN-F 2 x 1.50 mm²
H05BQ-F 2 x 1.0 mm²
H05BQ-F 2 x 1.5 mm²

Non-heating device coupling, central | IEC 60320-C13

BACHMANN type: type 35
2-pole with earthing contact
70 °C

Suitable for (e.g.):
H05VV-F 3G 0.75 mm²
H05VV-F 3G 1.00 mm²

Non-heating device coupling, angled | IEC 60320-C13

BACHMANN type: type 35 W
2-pole with earthing contact
On right, on left
70 °C

Suitable for (e.g.):
H05VV-F 3G 0.75 mm²
H05VV-F 3G 1.00 mm²

Non-heating device plug, central | IEC 60320-C14

BACHMANN type: type 35 S
2-pole with earthing contact
70 °C

Suitable for (e.g.):
H05VV-F 3G 0.75 mm²
H05VV-F 3G 1.00 mm²

Non-heating device coupling, central | IEC 60320-C17

BACHMANN type: type 35-S
2-pole
70 °C

Suitable for (e.g.):
H05VV-F 2 x 0.75 mm²
H05VV-F 2 x 1.00 mm²

Non-heating device coupling, angled | IEC 60320-C17

BACHMANN type: type 35-2 W
2-pole
On right, on left
70 °C

Suitable for (e.g.):
H05VV-F 2 x 0.75 mm²
H05VV-F 2 x 1.00 mm²

Non-heating device plug, central | IEC 60320-C18

BACHMANN type: type 35 S
2-pole
70 °C

Suitable for (e.g.):
H05VV-F 2 x 0.75 mm²
H05VV-F 2 x 1.00 mm²

Heating device coupling | IEC 60320-C15a

BACHMANN type: type 37
2-pole with earthing contact
155 °C
Mounted

Cable types to suit your requirements.

Coupling for small appliances | IEC 60320-C7

BACHMANN type: type 25 D
120 °C
Mounted

Suitable for (e.g.):
H03VVH2-F 2 x 0.75 mm²

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Notes

Pictograms and their meaning

#	Article number
	Version
€	Price in €
	Socket outlet with earthing contact
	UTE socket
	Swiss socket (10 A)
	UK socket (3.15 A)
	European socket
	Italy / socket outlet with earthing contact
	Socket orientation
	Switch
	Overvoltage protection
	Mains and frequency filters
	Colour
	Residual current circuit breaker
	Automatic switch-off
	Rewirable
19"	Compatible with 19" racks
C	Custom Module
K	Keystone
	USB charger
	Width
	Dimensions
E	Energy-efficient

Further information

C

Custom Module

Module that is screwed into an empty slot on a power strip.

K

Keystone

Module that is inserted into a custom module using a keystone mount.

In principle, all of our power strips have **a shutter.**

The TRADESMAN'S STRIP (p. 22) and the PDUs for IT power distribution (p. 216 onwards) are available without shutters.

For reasons related to the production process, there may be deviations from the specified dimensions and illustrations. We thank you for your understanding in this matter.

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