Complete catalogue **2018**

We power your life.

English

BACH MANN

Peter Bachmann | CEO

The power of the community

Dear reader,

The power of the community is the focus of our corporate philosophy. However, what does community actually mean and why is it so important to us?

Our BACHMANN Community consists of a wonderful group of people – women and men who are passionate about their work and who strive and are resolutely determined to not only make our life, but also the lives of our customers and partners, easier and, more importantly, better.

This is also reflected in our new claim: "We power your life". At first glance, this may be a little unusual for a company that develops, manufactures and sells high-quality electrotechnical products. However, the phrase fits in well with our business because we want to ensure that you gain a relevant competitive advantage by working with us. A fruitful collaboration is exactly what we want to achieve. We want to understand what is really important to you and make suggestions on how we can achieve or even exceed your expectations. The knowledge, experience and ideas of each member of our community will contribute to achieve this.

And one of the nice things about this is that we enjoy ourselves together with you along the way! At least, that is our objective. After all, the best product – and we believe we can offer you one or two of those – is even more valuable if we can enjoy working with you – despite this being a serious matter. It is very important for us to emphasise that your decision in favour of BACHMANN means that we are committed to keeping our promise under all circumstances.

And if you are looking for an unconventional idea to provide a unique offering to the market, then why not see how we can help. We founded our own company – Bachmann Systems – for this exact purpose. Here, employees can think outside the box, being as creative, agile and disruptive as they like. They are developing the ideas and business models of tomorrow.

Just a quick note on this catalogue – I hope that our portfolio includes some products and ideas that will offer you added value and inspiration. I am always grateful to receive your suggestions.

I hope you enjoy reading this catalogue and wish you every success for the future!

With very best wishes,

P.S.: If you are interested and would like to gain a better understanding of our corporate philosophy, do take a look in the "Company" section on our new website. We would love you to take a look!

Contents

Quick finder

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

QUICK FINDER

POWER DISTRIBUTION

CONNECTION PANELS

NETWORK AND MEDIA TECHNOLOGY

LAMPS

ELECTROTECHNICAL ACCESSORIES

IT POWER DISTRIBUTION

About us

1947
The year BACHMANN was founded

More than ## 2000
standard products

20
different design awards

12
subsidiaries

Over ## 800
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

Production

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

Our German production site in Gumpelstadt, Thuringia.

Product innovations

LOOP IN | p. 135

There are usually cables wherever people are working. The LOOP ROUND cable gland brings order to any workplace: installed quickly and easily, the product guides cables to where they are needed.

The clever thing is that the LOOP IN function insert will also be provided as an accessory for the cable gland in future. The standard cable gland is thus quickly and easily transformed into a socket with integrated cable outlets.

DESK 2 ALU BLACK | p. 154

DESK 2 ALU BLACK is a stylish power strip that can also be configured with various Custom Modules. The power strip can thus be adjusted to cover a wide range of needs. The attractive two-tone look of the product is achieved by combining aluminium with black plastic end caps. With a similar design to its sister product DESK 2, DESK 2 ALU BLACK is also secured to the furniture with mounting brackets to help save space.

GPIO module | p. 241

The GPIO (general-purpose input/output) Module has four programmable in- and outputs and is the central interface between series BN3000 to BN7500 BlueNet power distribution units and external devices (e.g. door or signal contacts). It also facilitates a physical connection to the building control system to raise an alarm for set threshold values, for example if the residual current is exceeded (residual current monitoring – RCM).

NEW

380VDC Basic | p. 272

Nowadays, the use and storage of renewable energies on the one hand, coupled with demands to save energy on the other, mean that modern data centres have to be designed and operated in a way that enables them to meet a number of totally new requirements. One solution for this is the use of direct current, as DC/DC conversion has significantly lower losses compared to AC/DC conversion. The total efficiency of a system can thus be increased significantly.

NEW
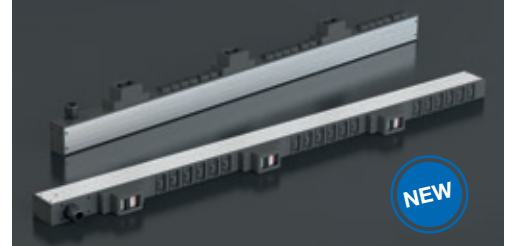
New product variants

DUE | p. 130

DUE is the ideal power strip for the kitchen. It guarantees a quick and elegant power supply, and can be used just as effectively in the office as in other areas. The split covers ensure that the connections can be used as required. DUE can now also be tailored exactly to your specifications, and can be fitted with a Custom Module, making it even more flexible to use.

NEW

TWIST | p. 132

TWIST is a power strip for living and work environments such as the kitchen, office or lounge. With its compact design and low mounting depth, it is economical on space and easily integrated into desks or kitchen worktops. TWIST is now also available with a USB Charger. In future, it will be available in more than 200 RAL colours upon request.

NEW

Replaceable Surge Protection | p. 240/246

Increase the level of protection on sensitive and expensive end devices using the new surge protective device (SPD) that can be integrated into BN3000 to BN7500 and Basic PDUs. The surge arrester modules can be replaced during operation. The additional fault signalling contact ensures that the protection status is monitored.

**NEW**

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!

Surge 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 key task. Don't worry: the BACHMANN strips with built-in surge protection are the answer.
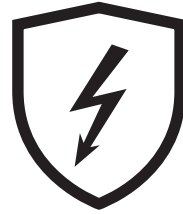
Mains and frequency filters

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 device/miniature circuit breakers

The residual current device/miniature circuit breaker integrated into 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.
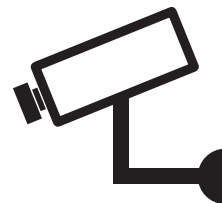
Wi-Fi module

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

Radio modules (868 MHz and 433 MHz)

The radio modules allow sockets to be manually and remotely switched. 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).

USB Charger (permanent installation)

The USB Charger component has 2 ports with 5 V max. 3.1 A.
When integrated into BACHMANN products, the ability to charge mobile devices using the universal USB Charger is very convenient, and the integrated mains adapter also saves space for socket outlets.
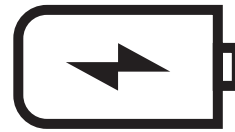
USB 3.0 hub

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.

Independent monitor

An innovative form of presentation
Whether in presentations, video conferences or on websites: the act of sharing visual content with colleagues, customers and partners is key to the world of work today. The independent monitor from BACHMANN provides a whole new level of flexibility when it comes to such teamwork: the battery pack means the monitor can be used wherever it is needed, irrespective of rigid infrastructure such as sockets, network connections or cabled devices. It is easy to operate and, thanks to a battery life of 6 to 8 hours, can be used to present information wirelessly for an entire working day. The status display built into the battery pack lets you keep an eye on how long the independent monitor has left to run at all times. The batteries can be fully charged overnight, thus guaranteeing reliable, efficient operation during the day. A high-resolution display and integrated loudspeakers present audio and video content at a high quality.

BENEFITS
- **Maximum functionality**
- **Maximum mobility**
- **Long battery life: 6–8 hours**
- **Compatibility**
- **Electric height adjustment**

Meeting Solution

The ideal solution for companies, hotels or public institutions: the battery-operated monitor with a built-in Wi-Fi presentation system from BACHMANN enables you to show content in a flexible way wherever meetings, events or talks are held.

Mobile and with no need for cables, the monitor is just as suitable for use in an open-plan office as in "huddle rooms", conference spaces or canteens.

The benefits at a glance:

- The perfect tool for small conferences or meetings and presentations given as part of larger events

- Audio and video signals transmitted wirelessly

- Plug-and-play function for playing back and sharing presentation content ("presentations at the touch of a button")

- Optional storage shelf for keyboard or Barco ClickShare dongles

Digital Signage Solution

Do you want to play back media content at various locations via a central control system?

Just use the independent monitor as a digital signage solution! By installing the monitor directly at the point of sale, you can share information with customers, interested parties or other partners in a way that is smart and modern. The monitor can also be mounted vertically for such applications.

The benefits at a glance:

- Battery-operated monitor with digital signage player: the perfect tool for advertising campaigns and information sharing

- Plug-and-play function (insert SD card – content plays back automatically on a loop)

- Content played via an external server ("remote control function")

Resolution:
3840 x 2160 pixels

Battery operating time of approx. 6–8 hours

High resolution 58" 4K display

Electric height adjustment

Rollers enable it to be positioned anywhere
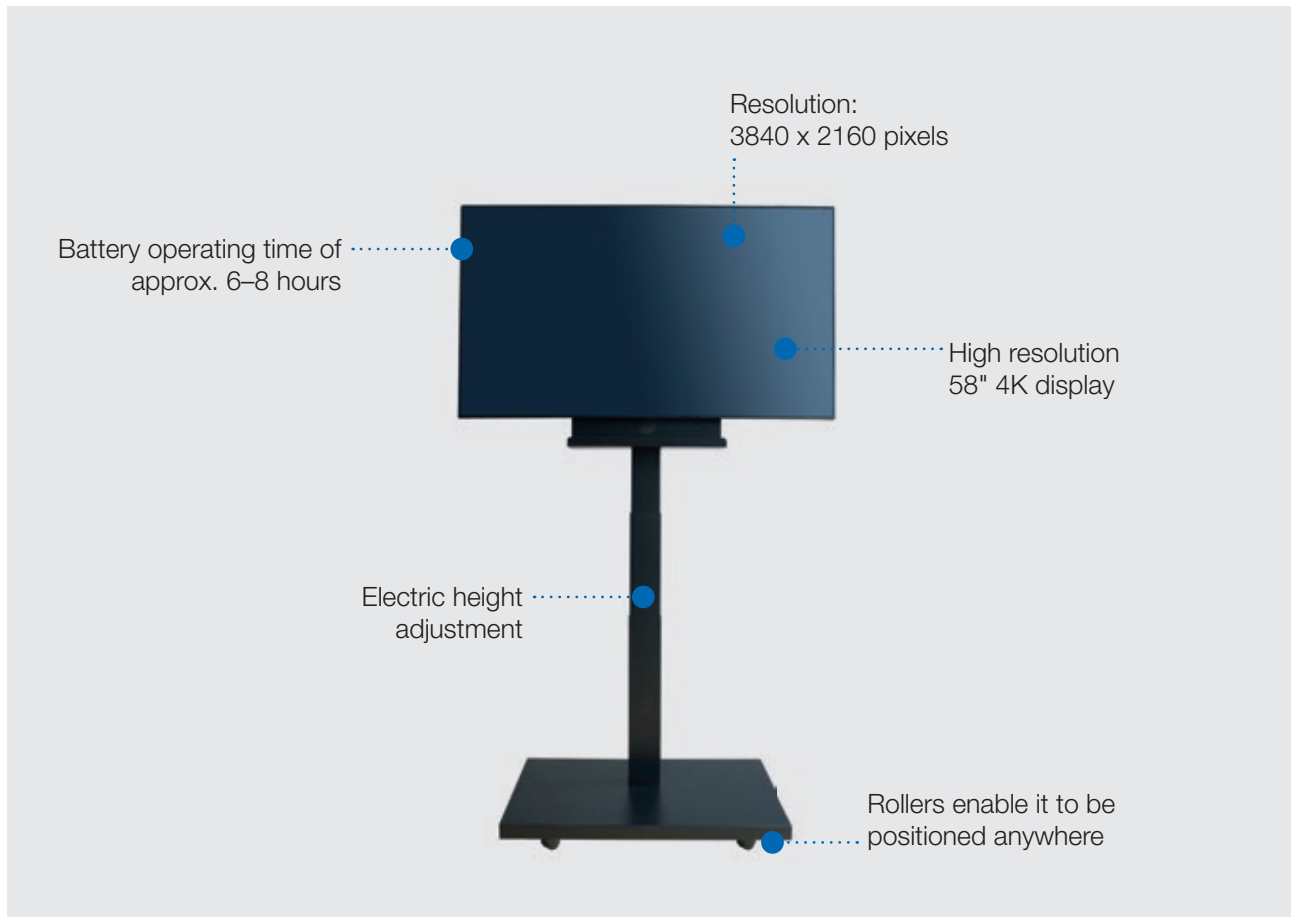
Current information on the **independent monitor** is available on our website at **www.bachmann.com**

Information on the page structure

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 each
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 | **DUE**

CONNECTION PANELS

DUE

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

The split cover 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

- **Interchangeable 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**

AWARDS

DESIGN **PLUS**
powered by Light+building

Focus Open 2014
Special Mention

Dimensions (W x H x D): 139 x 67 x 49 mm	**Socket colour:** black
Mounting depth without cable: 45 mm	**Lid colour variants:**
Material: plastic	
Thickness of tabletop: 10–40 mm	

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°	
929.030	1			90°	•
929.002			2	90°	
929.032			1	90°	•
Power input: 2.0 m cable with mounted UK plug					
929.004		2 (13A)		90°	
929.034		1		90°	•

DUE lid

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

Accessories

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

929.010
929.030
929.002
929.032
929.004
929.034
929.100
929.101
929.102
926.900 Similar to picture
918.900

CONNECTION PANELS

⌞ ⌝ Space-saving even when open.

139
ca.3,3
103
67
ca.45
ca.49
Dimensions in mm without lid

ⓘ Power strip and lid must be ordered separately

For suitable **device supply cables,** see from page 66.

C For suitable **Custom Modules*,** see from page 172.

* Observe compatibility table on page 189 onwards.   Pictograms and their meaning can be found on page 299.   www.bachmann.com   **131**

PRODUCT TABLES

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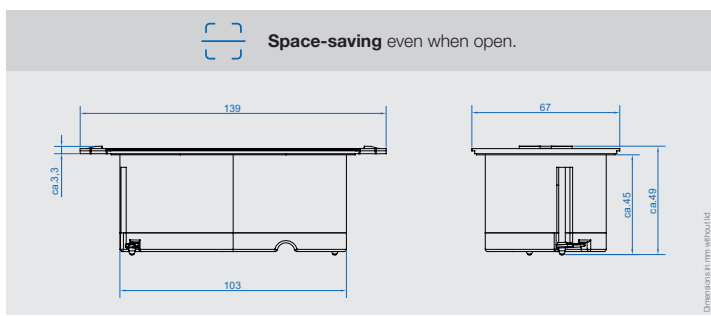
ADDITIONAL PRODUCT INFORMATION

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

Distributors

Adapters

Plugs / couplings

Power cables

Cable management

Socket outlets with earthing contact set at 35°, with nickel-plated earthing contacts and extra integrated shutter

52.4 mm

USB double charger

Screwed and rewirable

51.4 mm

2-pole illuminated rocker switch, 16 A

CONNECT LINE

BENEFITS

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

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

Colour variants:
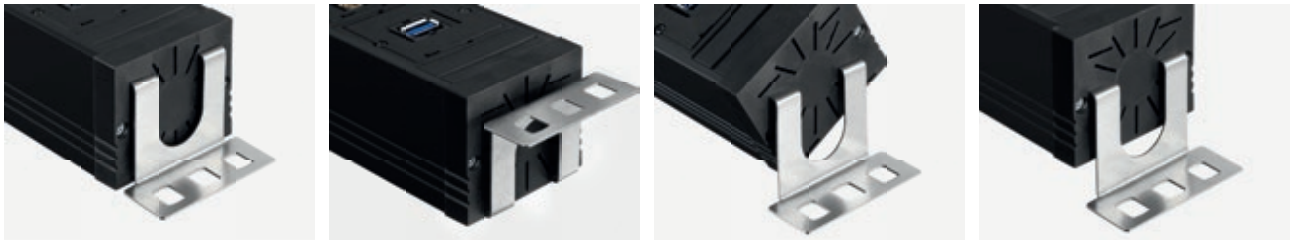
CONNECT LINE

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

#	⊕	↻	▣	🛡	⌁	🔌	↤↦
420.0019	8	35°					438 mm
420.0014	7	35°	●				438 mm
420.0018	6	35°					353 mm
420.0021	5	35°	●			●	406 mm
420.0022	5	35°	●	●			396 mm
420.0013	5	35°	●				353 mm
420.0012	4	35°	●				311 mm
420.0017	4	35°					268 mm
420.0068	3	35°		●	●		368 mm
420.0069	3	35°		●			278 mm

420.0019

420.0014

420.0018

420.0021

420.0022

420.0017

ⓘ All items including mounting brackets

ⓘ **Surge protection with filter:**
Surge 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 (micro fuse on request) with varistors, thermal fuse, gas discharge arrester, optical LED function and failure display (acoustic signalling also available on request). Mains and frequency filters – conforming to DIN EN 60939-1:2011-04; VDE 0565-3:2011-04 for voltage peaks up to 30 MHz, damping diagram on data sheet.

Easy and quick to rewire

Socket outlets with earthing contact set at 35°, with nickel-plated earthing contacts and extra integrated shutter

2 x 2 screw holes for mounting

Rounded end caps with practical cable rewind and screw-mounting eyes

2-pole, illuminated rocker switch, 16 A

Torsionally rigid profile made from high-quality anodised aluminium

High-grade integrated electronic components, e.g. surge protection, mains and frequency filters, master & slave, ISDN protection etc.

1.75 m H05VV-F 3G 1.50 mm² supply cable with moulded right-angled plug with dual earthing contact system

PRIMO

BENEFITS

- **Tested components**
- **Halogen- and PVC-free sockets**
- **Torsionally rigid profile made from high-quality anodised aluminium**
- **Variants with:**
  - **Surge protection, type 3**
  - **Mains and frequency filters for voltage peaks up to 30 MHz**
  - **USB charger with 2.1 A charging current**
- **Available with larger socket distance, ideal for connecting power supply unit plugs**

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

Colour variants:

PRIMO
· Supply cable: 2.0 m H05VV-F 3G 1.50 mm^2 with right-angled plug with earthing contact

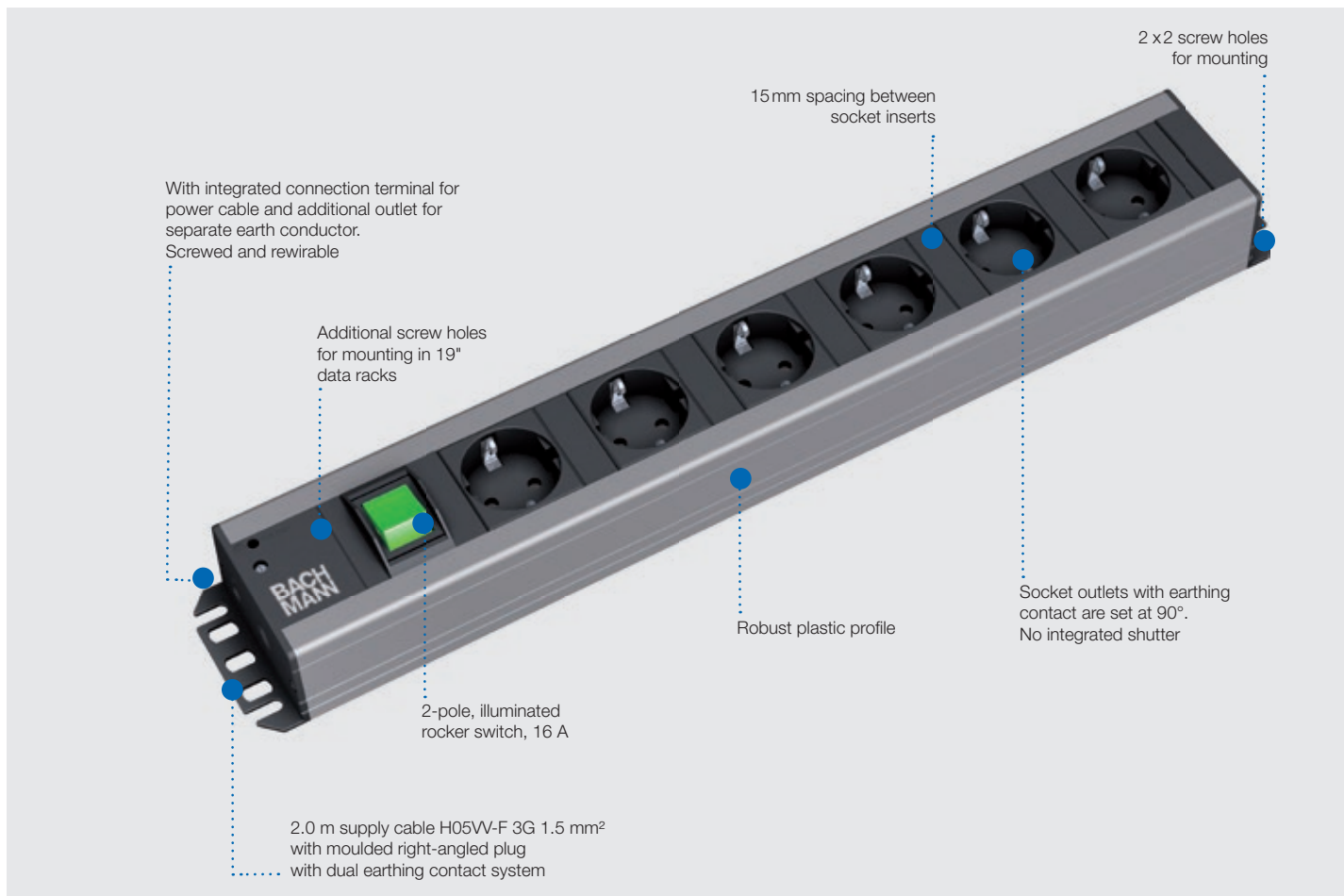| #	⊕	↻	▫	🛡	⌇	▱	🔌	⤢
330.073	12	35°	●					690 x 71 x 54 mm
331.012	12	35°						690 x 71 x 46 mm
331.072	9	35°	●	●	●			690 x 71 x 54 mm
330.072	9	35°	●					560 x 71 x 54 mm
331.007	9	35°		●	●			645 x 71 x 47 mm
331.011	9	35°						560 x 71 x 46 mm
331.154	8	35°	●				●	560 x 71 x 54 mm
331.071	6	35°	●	●	●			560 x 71 x 54 mm
331.013	6	35°	●	●				474 x 71 x 54 mm
330.071	6	35°	●					431 x 71 x 54 mm
331.035	6	35°				●		516 x 71 x 83 mm
331.006	6	35°		●	●			515 x 71 x 47 mm
331.014	6	35°		●				474 x 71 x 54 mm
331.010	6	35°						431 x 71 x 46 mm
330.070	3	35°	●					304 x 71 x 54 mm
331.000	3	35°						304 x 71 x 46 mm
Master + Slave								
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								
331.055	6	90°	●	●	●		●	690 x 71 x 54 mm
85 mm spacing								
331.032	5	35°						515 x 71 x 46 mm
For IT power circuits | Socket colour: red								
331.040	6	35°						390 x 71 x 46 mm

Master + slave + foot-operated switch | 2x red continuous operation socket outlets with earthing contact | Socket colour: red | 0.1 m with GST18i3 plug | 0.1 m black with GST15/2 plug | Foot-operated switch with 2m supply cable

#	⊕	↻	▫	🛡	⌇	▱	🔌	⤢
331.089	1 M + 5 S	35°						670 x 71 x 47 mm

330.072

331.011

331.154

331.071

331.013

331.035

331.006

331.014

333.071

332.071

331.074

331.055

331.032

331.040

331.089

2 x 2 screw holes
for mounting

15 mm spacing between
socket inserts

With integrated connection terminal for
power cable and additional outlet for
separate earth conductor.
Screwed and rewirable

Additional screw holes
for mounting in 19"
data racks

Socket outlets with earthing
contact are set at 90°.
No integrated shutter

Robust plastic profile

2-pole, illuminated
rocker switch, 16 A

2.0 m supply cable H05VV-F 3G 1.5 mm²
with moulded right-angled plug
with dual earthing contact system

CRAFTSMAN SOCKET OUTLET

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 socket inserts, 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

Colour variants:

CRAFTSMAN SOCKET OUTLET with standard spacing 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

CRAFTSMAN SOCKET OUTLET with 15 mm spacing between sockets

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

#	⊕	↻	▯	⚡	⌇	▭	19"	↦
300.005	12	90°	●					790 mm
300.002	12	90°						790 mm
300.004	9	90°	●					617 mm
300.001	9	90°						617 mm
300.011	6	90°	●	●				490 mm
300.012	6	90°	●	●	●			575 mm
300.003	6	90°	●				●	445 mm
300.000	6	90°					●	445 mm
300.030	5	90°	●			●	●	445 mm

Can be switched off individually

#	⊕	↻	▯	⚡	⌇	▭	19"	↦
300.050	6	90°	3					526 mm
300.049	4	90°	4					453 mm

Supply cable and switch on opposite sides
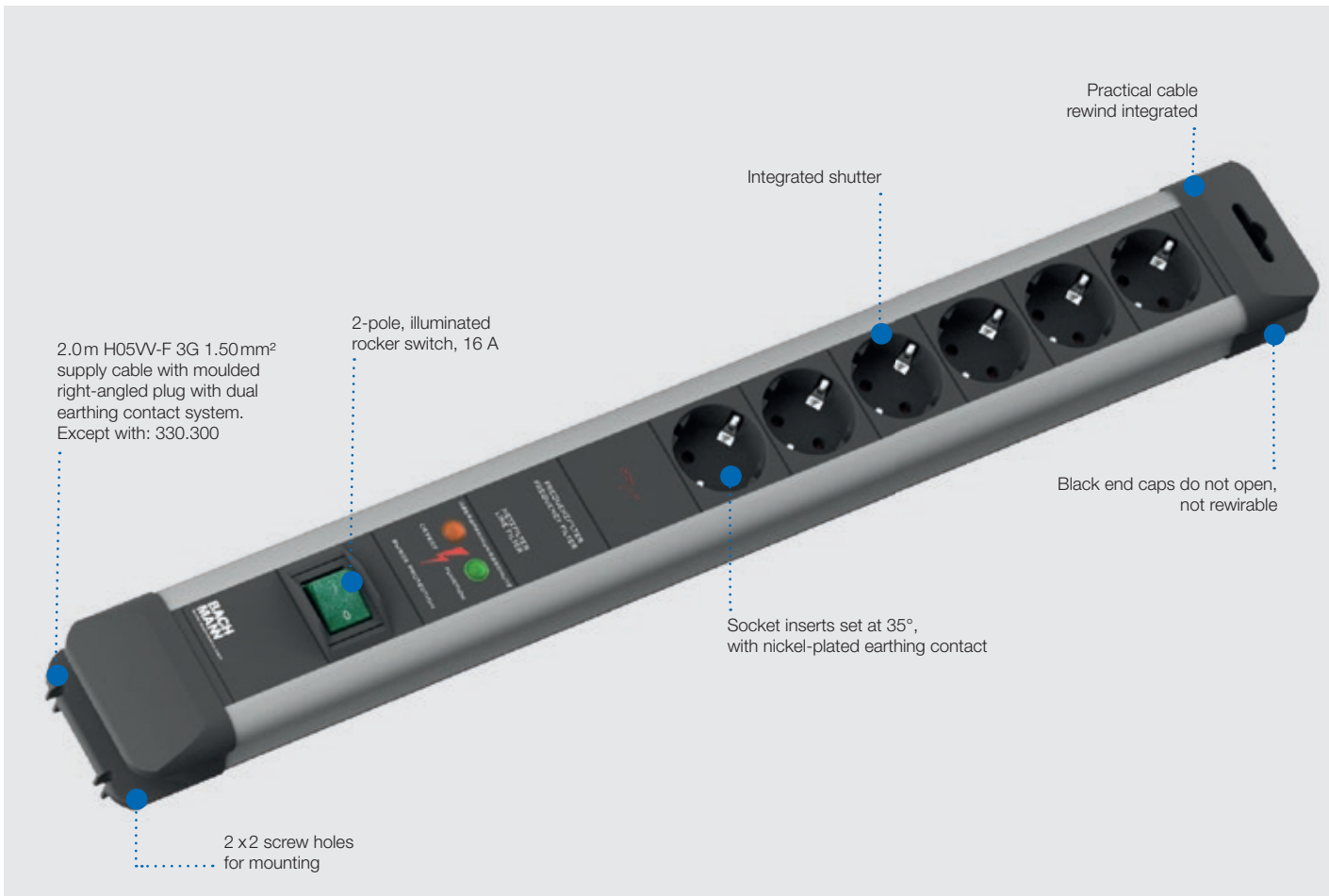
#	⊕	↻	▯	⚡	⌇	▭	19"	↦
300.008	6	90°	●					488 mm

300.005

300.002

300.011

300.012

300.030

300.050

300.049

300.008

Practical cable
rewind integrated

Integrated shutter

2.0 m H05VV-F 3G 1.50 mm²
supply cable with moulded
right-angled plug with dual
earthing contact system.
Except with: 330.300

2-pole, illuminated
rocker switch, 16 A

Black end caps do not open,
not rewirable

Socket inserts set at 35°,
with nickel-plated earthing contact

2 x 2 screw holes
for mounting

CONNECTUS

BENEFITS

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

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

Colour variants:

CONNECTUS

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

#	⌖	⊙	▯	⚡	⌁	⏻	↔
330.103	12		●				695 x 72 x 49 mm
330.102	9		●				570 x 72 x 49 mm
330.105	6		●	●	●		568 x 72 x 49 mm
330.104	6		●	●			480 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							
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 | With external button							
330.140	1 M + 4 S					●	538 x 72 x 49 mm
With external button | 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

330.103

330.105

330.104

330.107

330.106

330.106F

330.140

330.142

330.104F

330.101F

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

POWER DISTRIBUTION
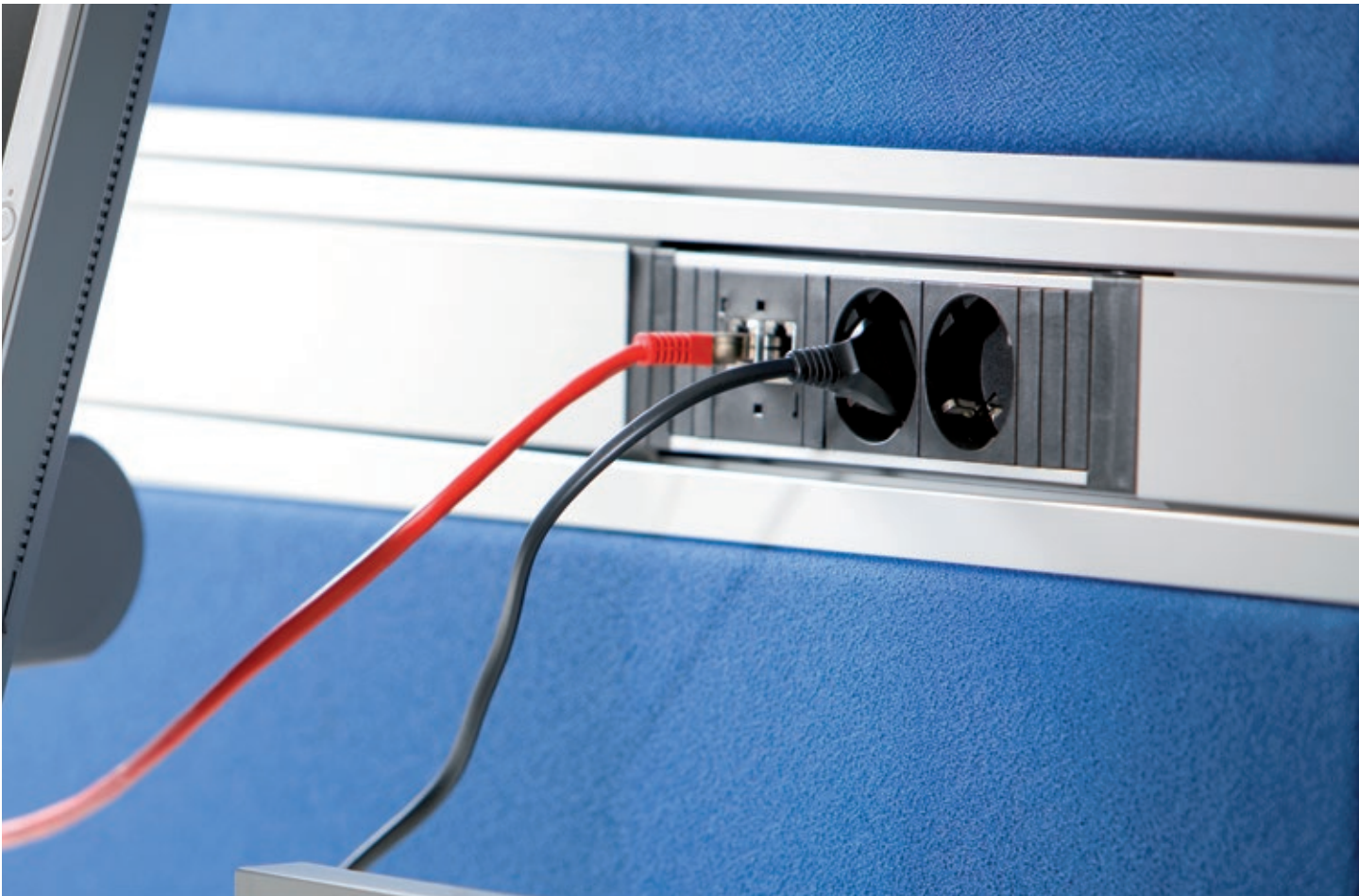
STEP

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 electricity supply sets through to power strips with integrated data connections, RCDs/MCBs, surge 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 connection system as standard**
- **Functional efficiency**

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

Power input: GST18
Power output: GST18

Colour variants:

STEP – the all-round system designed for expansion.

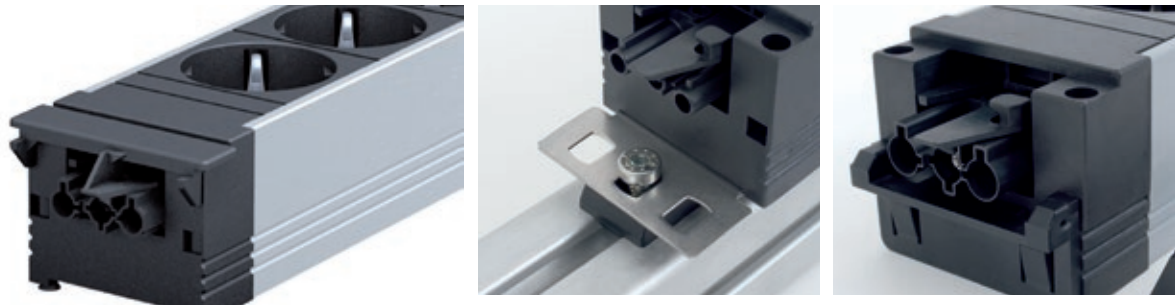### Perfectly tailored for the best connections
The STEP power strip is available with an aluminium or plastic profile. It is possible to connect multiple power strips together to form a modular system.
STEP is designed primarily as a simple electricity supply unit for office workstations. Permanently 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					
336.626	5			35°	305 mm
336.604	4			35°	263 mm
336.600	3			35°	220 mm
906.0055*		4		45°	322 mm
906.1306*		2		45°	220 mm
336.606			4	35°	263 mm
336.603			3	35°	220 mm
STEP BASE	Socket colour: red				
336.601	3			35°	220 mm
STEP BASE + 2 switches					
906.0059*		2		45°	244 mm
STEP BASE + 1 switch					
906.0060*		4		45°	365 mm

336.604

336.600

336.601

---

* External earthing   Pictograms and their meaning can be found on page 299.   www.bachmann.com   **27**

STEP ALU power strips

#	⊕	⊡	⊙	⬡	⊛	↺	⎓	C	↔
STEP ALU									
906.014	4					35°			263 mm
336.039	3					35°			220 mm
906.0113*	2					35°	●	1	263 mm
906.001	2					35°		2	263 mm
906.000	2					35°		1	220 mm
336.079		2				45°		1	285 mm
336.046			4			35°			263 mm
906.1075			3			35°			220 mm
906.009*			2			35°		2	263 mm
906.002			2			35°		1	220 mm
906.1086*				3		90°			220 mm
906.080*				2		90°		2	263 mm
906.071				2		90°		1	220 mm
906.1109							●		146 mm
906.1244					2	35°		2	285 mm
906.0028					2	35°		1	242 mm
STEP ALU	Socket colour: red								
336.067	3					35°			220 mm
336.088			4			35°			263 mm
336.072			3			35°			220 mm
STEP ALU + 1 switch	Switch only switches sockets								
906.003	3					35°			263 mm
STEP ALU + 1 switch	Switch switches power output and sockets								
906.031	3					35°			263 mm
STEP ALU + 1 switch + RCD	Switch switches power output and sockets								
906.150	2					35°			359 mm
STEP ALU for Custom Modules set at 90° with outlet on side									
906.024	2					35°		1 (90°)	220 mm
906.0704*		2				90°		1 (90°)	220 mm
906.093			2			35°		1 (90°)	220 mm
906.0703*				2		90°		1 (90°)	220 mm

336.039

906.0113

906.001

906.000

336.067

906.003

906.150

906.024

STEP safety modules

| #	⇌
336.006	**STEP ALU master & slave** Width: 220 mm | Master & slave circuit with threshold value setting 10-100 W
906.005	**STEP ALU automatic switch-off** 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 safety modules

#	⚏
336.003	**STEP ALU surge protection** Width: 147 mm | 2 kV surge protection with function and fail indicator
336.004	**STEP ALU surge protection | Mains and frequency filter** Width: 220 mm | 2 kV surge 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 current device | Response current 30 mA | Response time 30 ms | 2-pole
906.067	**STEP ALU RCD** Width: 220 mm | Residual current device | Response current 10 mA | Response time 30 ms | 2-pole
336.065	**STEP ALU RCD** Width: 220 mm | Residual current device | 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

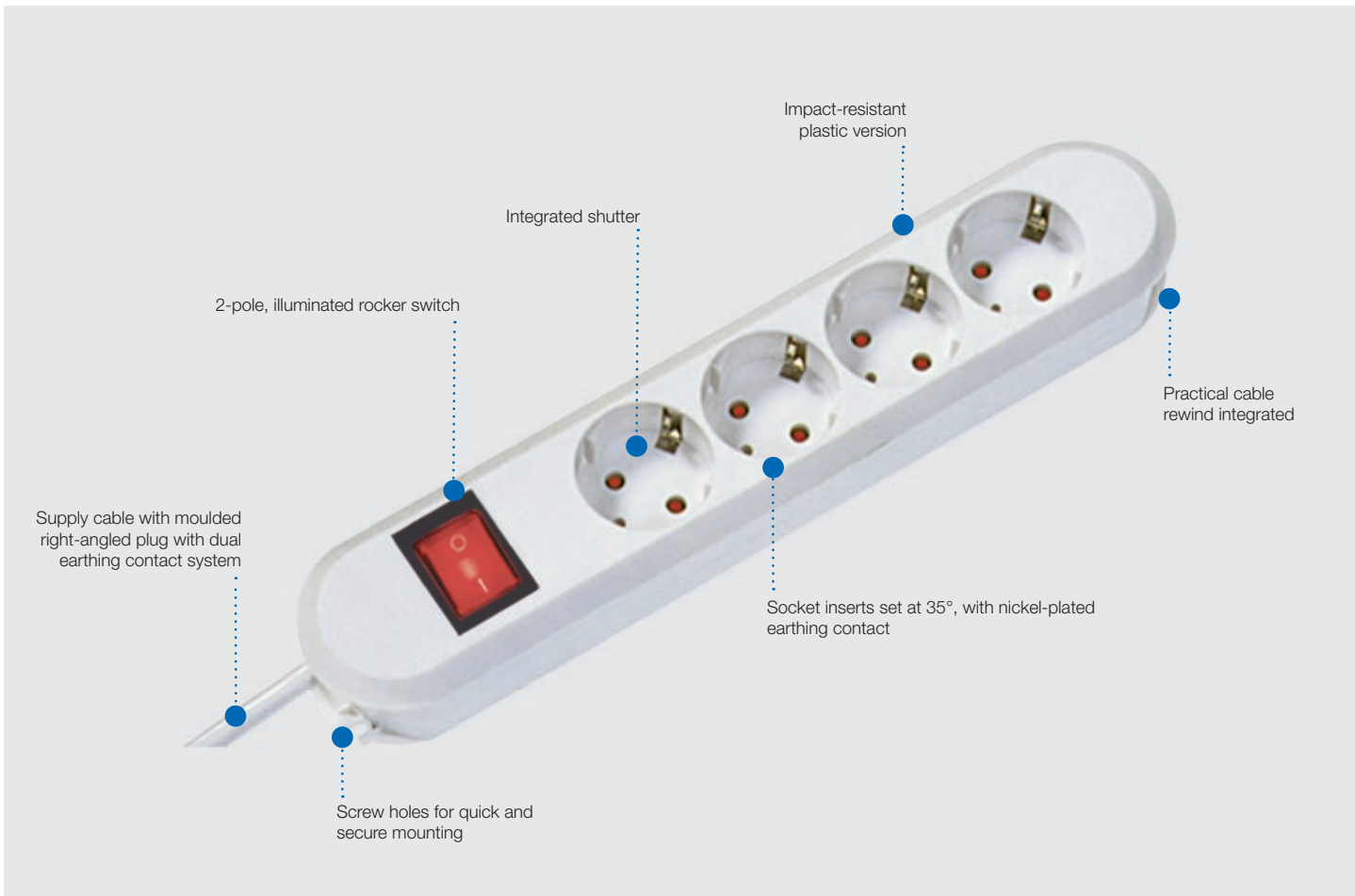336.015

336.014
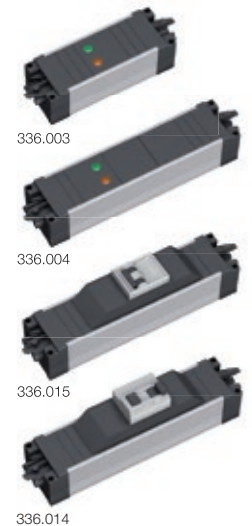
STEP accessories

#	⚏
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 locking cap | 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 | Packaging 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 cover strips** For positioning on the end caps of the STEP power strip | Optical finish | Black plastic | Packaging 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

POWER DISTRIBUTION

Impact-resistant
plastic version

Integrated shutter

2-pole, illuminated rocker switch

Practical cable
rewind integrated

Supply cable with moulded
right-angled plug with dual
earthing contact system

Socket inserts set at 35°, with nickel-plated
earthing contact

Screw holes for quick and
secure mounting

SMART

BENEFITS

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

SMART

#	

Radio SMART 3 x earthing contact 433 MHz | Power strip with integrated radio remote switch, 10 A/230 V~

| 381.800 | IP20 | Single-pole switching with indicator LED, manually switchable | 433.92 MHz, unidirectional, radio range 30 m in free field | Width: 255 mm | Switchable using remote control or using the app (trained to Wi-Fi SMART Adapter on p. 50) |

USB SMART 3 x earthing contact | Power strip with integrated 2-way USB charger, 16 A/230 V~

| 381.801 | White | IP20 | Width: 255 mm | Total charging current for USB charger: max. 3.1 A/5 V |

381.800

381.801
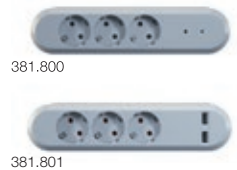
(i) Radio SMART is compatible with Smart Adapters (p. 50).

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

Colour variants:

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

For suitable **device supply cables,** see from page 76.

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

SMART PLUG power strip

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

#	⇄
3-way multiple socket strip | With 1.6 m H05VV-F 3G 1.5	
933.014	Black
933.015	White

933.014
933.015

FLAT PLUG power strip

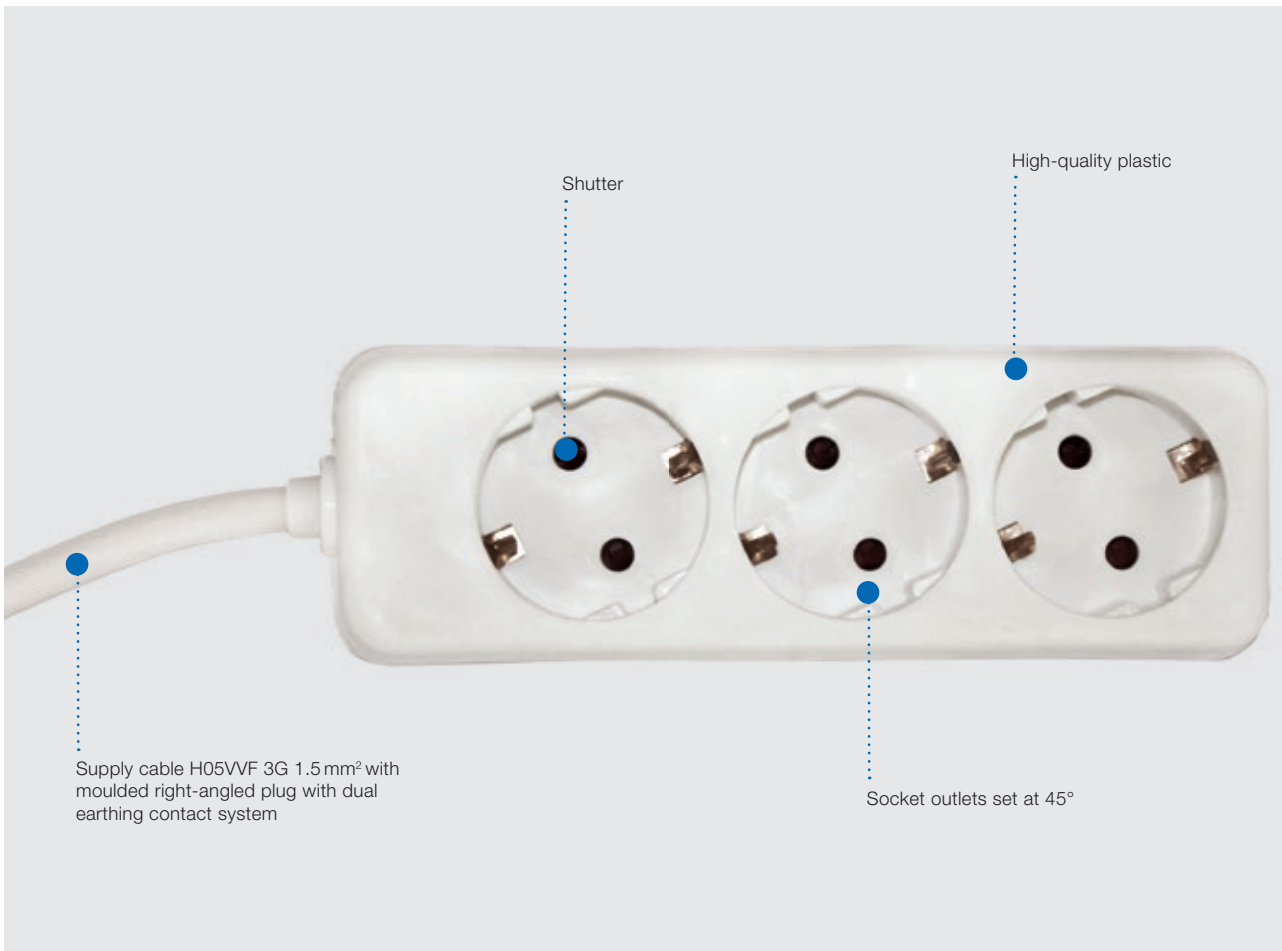· Without lever and/or ejection mechanism
· Components VDE-approved

#	⇄
3-way multiple socket strip | With 1.6 m H05VV-F 3G 1.5	
933.007	White

933.007

High-quality plastic

Shutter

Supply cable H05VVF 3G 1.5 mm² with moulded right-angled plug with dual earthing contact system

Socket outlets set at 45°

SELLY

SELLY

#	⊕	↻	▣	🖌
Supply cable: 3.0 m H05VV-F 3G 1.50 mm²				
387.271S	3	45°		white
387.275S	3	45°		white
Supply cable: 1.5 m H05VV-F 3G 1.50 mm²				
381.244S	6	45°	●	white
381.144S	6	45°	●	black
381.241S	6	45°		white
381.141S	6	45°		black
384.272S	3	45°	●	white
387.270S	3	45°		white
387.274S	3	45°		white

381.244S*

381.241S*

384.272S*

387.270S*

387.274S*

Profile: plastic

Colour variants:

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
Profile: aluminium

Colour variants:
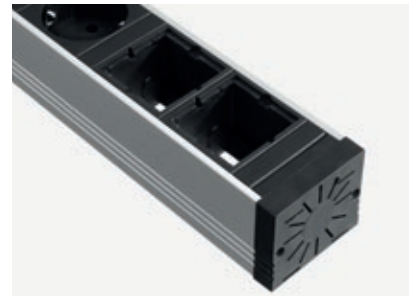
Large UNIVERSAL power strips

#	⊕	⊙	⊞	↺	C	↔
Power input: 3.0 m with right-angled plug with earthing contact | including mounting bracket						
922.0181	5			35°	2	406 mm
922.0071	4			35°	3	406 mm
922.083		5		35°	2	406 mm
922.082		4		35°	3	406 mm
Power input: 3.0 m with Italy plug | including mounting bracket						
922.097			4	45°	3	428 mm

922.0181

922.0071

922.083

922.082

Small UNIVERSAL power strips

#	⊕	⊙	⊞	↺	C	↔
Power input: 3.0 m with right-angled plug with earthing contact | including mounting bracket						
922.0111	3			35°	1	279 mm
922.0231		3		35°	1	279 mm
Power input: 3.0 m with Italy plug | including mounting bracket						
922.096			3	45°	1	295 mm

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
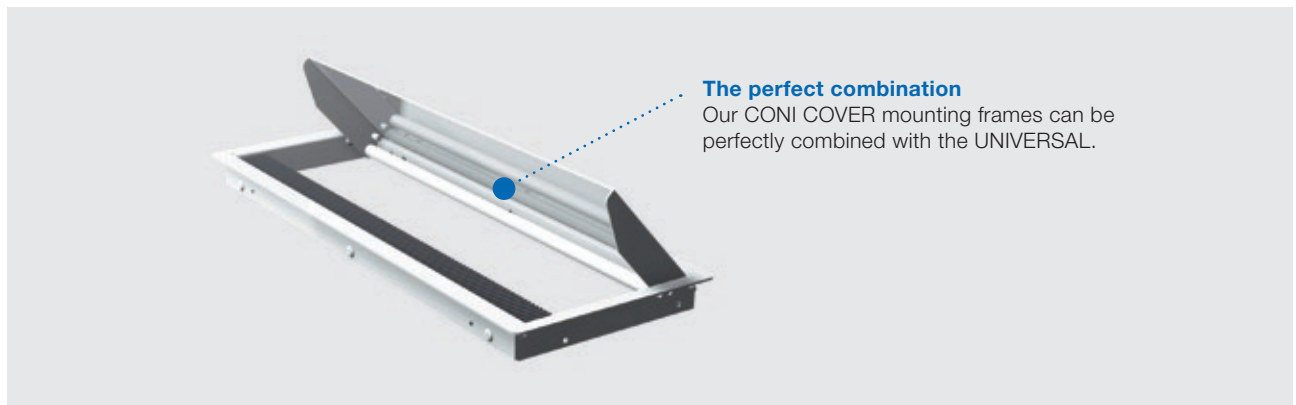
903.003

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

C

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~	black/yellow

394.180   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

Outdoor (IP44)

Solid rubber distributor

· 2.0 m supply cable H07RN-F3G 2.50 mm²

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

#	⚙
5x socket outlets with earthing contact	
349.046	4.5 m H07RN-F 3G 1.5 mm² with earthing contact plug	With hinged lids and switch
4x socket outlets with earthing contact	
349.044	10.0 m H07RN-F 3G 1.5 mm² with earthing contact plug	With hinged lids
3x socket outlets 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 suspension eye and 4 fixing points	Solid elastomer version	Without supply cable

349.046

349.044

349.045

381.109

Cable reels

Master cable reel

#	⚡
4 x socket outlets 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 outlets 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 outlets with earthing contact | 1x 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 x 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

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

· Cable: H07RN-F 3G 1.50 mm²
· 3 x 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	**Professional plastic 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 x CEE socket 16 A / 400 V~
· 2 x 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 | Reel: black
399.185	**CEE professional plastic empty reel** Holds up to max. 20 m H07RN-F 5G 1.50 mm² | Wheel diameter 285 mm | Reel body made from robust, unbreakable special plastic, black

399.180

399.186

399.185

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

· Cable: H07RN-F 3G 2.50 mm²
· 4 x 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

· With built-in thermal cut-out | 1-pole
· 4 x socket outlets 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 285 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

392.180

395.181

398.182

Cable reel, 3-way, with hinged lid

· With built-in thermal cut-out | 1-pole
· Splash-proof – for outdoor use
· 3 x socket outlets with earthing contact
· 16 A40 / 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	
396.183	Holds up to max. 40 m 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	
396.187	Holds up to max. 40 m	Wheel diameter 280 mm	Reel: silver	Conforms to DGUV-I 203-006 with H07RN-F or H07BQ-F cable type

392.183

398.186

Spare parts for cable reels

· Suitable for cable reels on pages 39 and 40

#	
Thermal cut-out	
900.180	1-pole | red | for 250 V
900.181	3-pole | red | for 400 V
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
2x 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

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 | 1,000 W fully wound | Cable: black | Box: black / blue

393.002

393.006

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. 3,500 W unwound and 1,000 W wound | With thermal cut-out | With plastic hand grip | Plastic frame | Colour: blue

392.187

L1 L2 L3 N PE — Grid (cooker connection socket)

5

Connection box

3

4

L1 L2 N PE — L3/N/PE

Hob — decentralised oven (ready-to-plug)
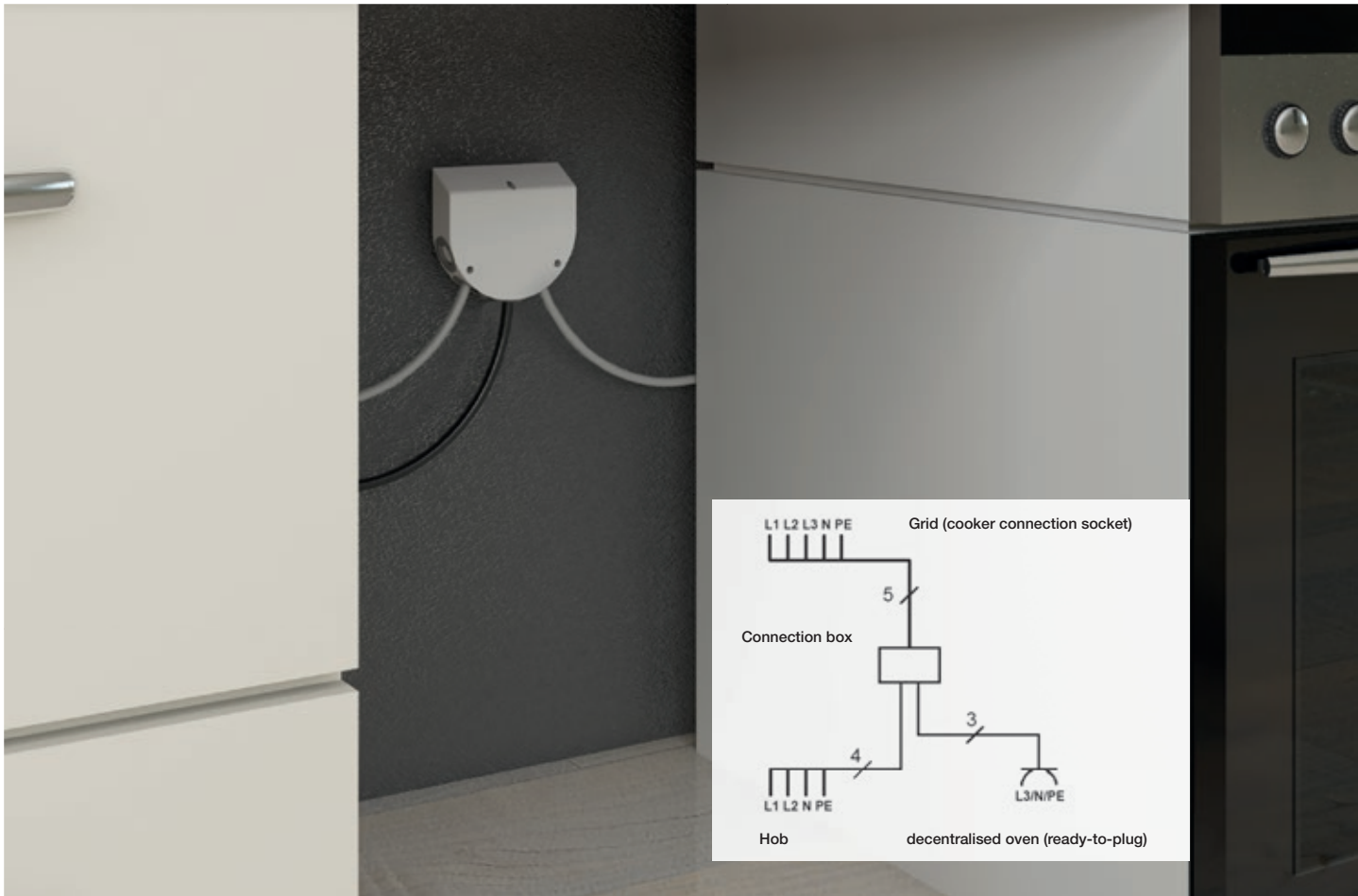
Kitchen connection box

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 mm^2 for cooker socket
· H05VV-F 4G 2.50 mm^2 for hob
· H05VV-F 3G 1.50 mm^2 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

Kitchen connection box

**H05VV-F 4G
2.50 mm²**

**H05VV-F 5G
2.50 mm²**

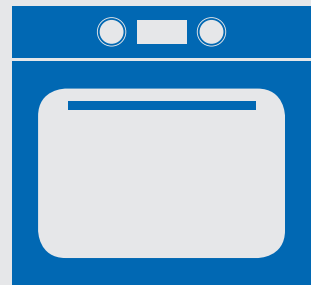**H05VV-F 3G
1.50 mm²
with socket outlet with
earthing contact**
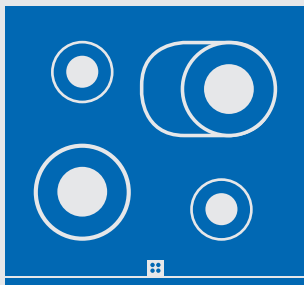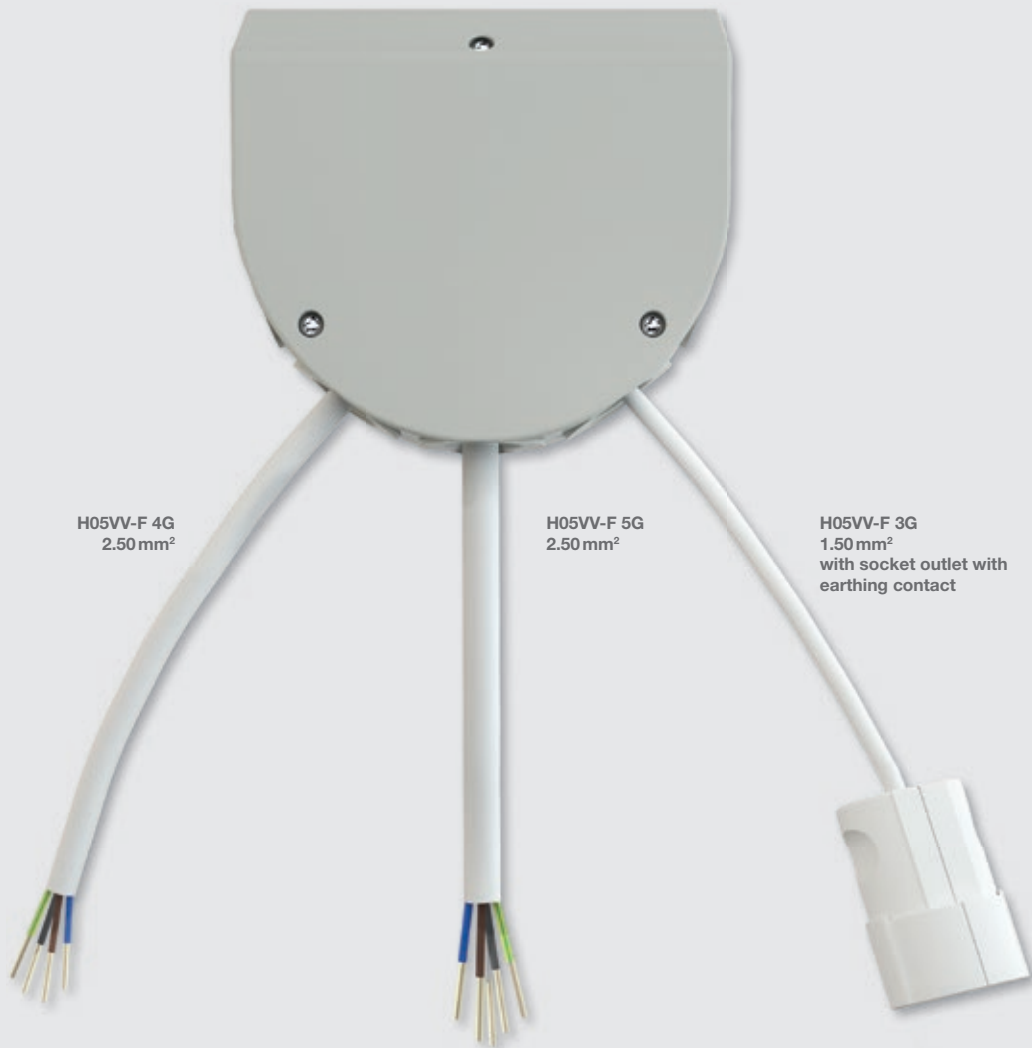
Hob

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 55 mm flush-mounted installation box | Height: 23 mm

190.270

Appliance connection socket, flush mounting 16 A / 380 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: 12 mm

190.271

Surface-mounted socket outlet

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 sockets | Greenland white

382.204

382.205

Energy cubes

Energy cubes

· 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 outlets with earthing contact	For cable diameter 3 x 1.5 mm² – 5 x 1.5 mm²**	
349.300	4 x socket outlets with earthing contact 16 A/230 V~
349.301	4 x socket outlets 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 outlets 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 outlets with earthing contact 16 A/230 V~
349.303	1 x CEE socket 16 A/400 V~, 5-pole	4 x socket outlets 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 outlets with earthing contact	For cable diameter 5 x 1.5 mm² – 5 x 4 mm²**	
349.304	2 x CEE sockets 16 A/400 V~, 5-pole	2 x socket outlets 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 sockets 16 A	Cable entry with screw fitting from 5G 2.5 mm² to 5G 4.0 mm²	Protection: 1 x C16 A miniature circuit breaker, 3-pole

349.311

POWER DISTRIBUTION

CEE distributor

BENEFITS

- **Ideal for mobile use outdoors**
- **Highly unbreakable plastic version**
- **Splash-proof**
- **With practical cable rewind and integrated carrying handle**

CEE distributor | 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 sockets 16 A / 400 V~
		4 x socket outlets with earthing contact 16 A / 250 V~

CEE distributor with protection | 4.0 m supply cable H07RN-F5G 4.00 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 / 250 V~
	Protection:	1 x C16 A miniature circuit breaker, 3-pole
		2 x C16 A miniature circuit breakers, 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 / 250 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 breakers, 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~m / 32 A / 5-pole
		2 x CEE sockets 400 V~ / 16 A / 5-pole
		4 x socket outlets with earthing contact 250 V~ / 16 A
	Protection:	1 x residual current device 40 A / 30 mA, 4-pole
		2 x C16 A miniature circuit breakers, 1-pole
		1 x C16 A miniature 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

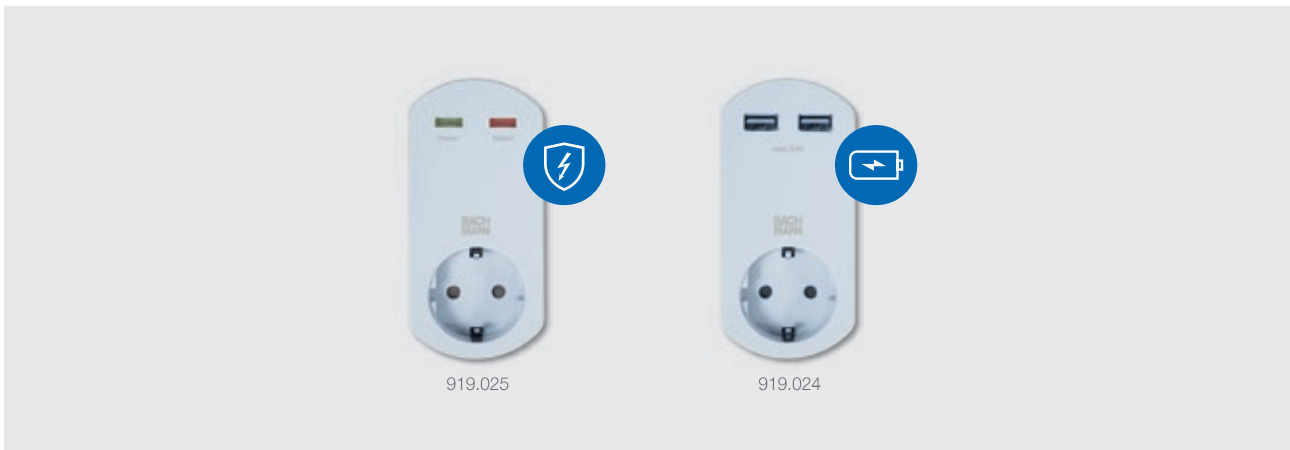| 349.020 | Input: | 1 x CEE plug 32 A / 400 V~ |
	Output:	1 x CEE socket 32 A / 400 V~
		2 x CEE sockets 16 A / 400 V~
		3 x socket outlets with earthing contact 16 A / 250 V~
	Protection:	1 x C16 A miniature circuit breaker, 3-pole
		3 x C16 A miniature circuit breakers, 1-pole
		1 x RCD 40 A / 0.03 A / 4-pole on all outputs

349.008
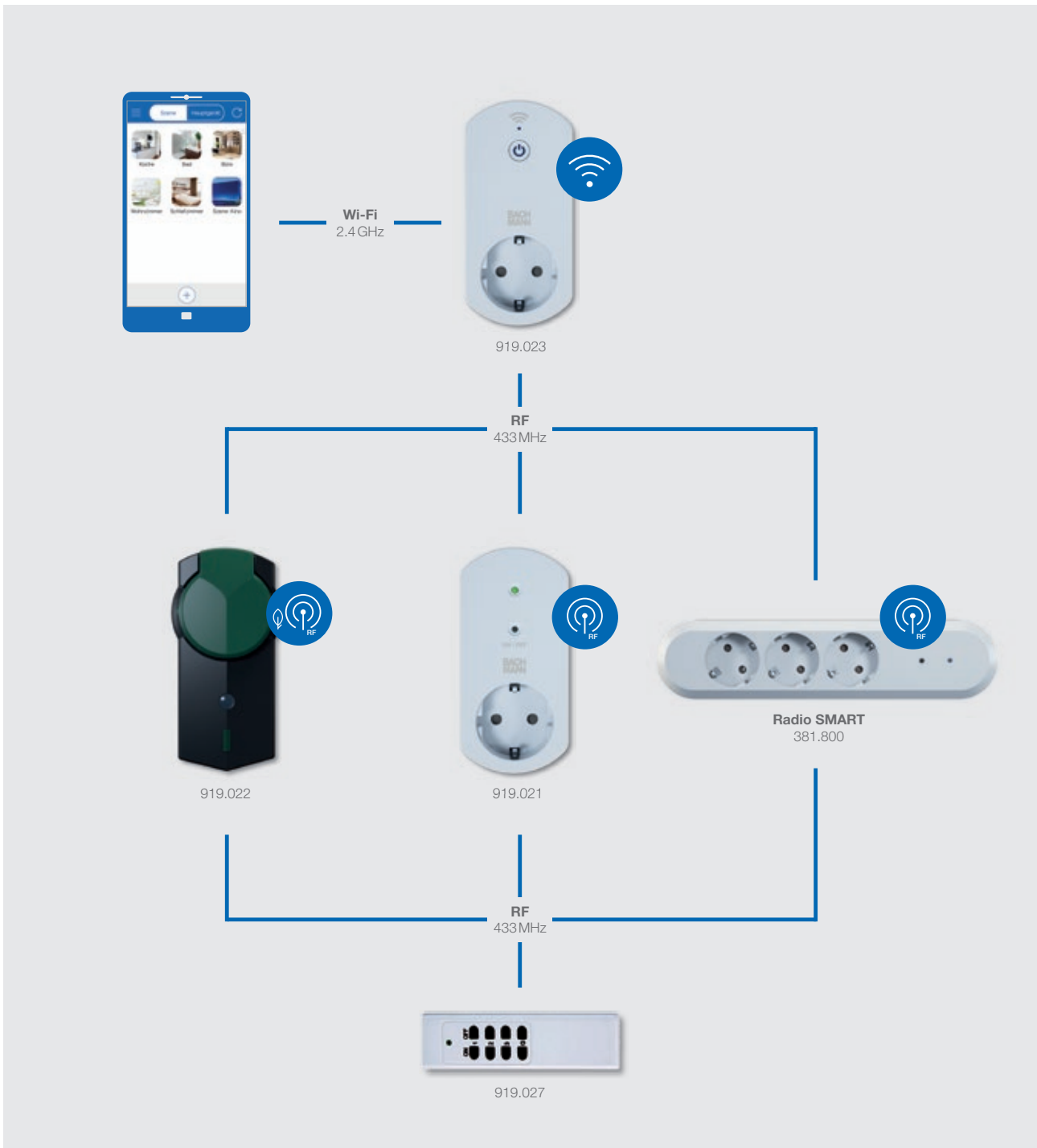
349.011

349.020

POWER DISTRIBUTION

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 devices 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 surge protection adapter protects electronic devices using state-of-the-art technology.

BENEFITS

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

Wi-Fi
2.4 GHz

919.023

RF
433 MHz

919.022

919.021

Radio SMART
381.800

RF
433 MHz

919.027

919.025

919.024

For the suitable **radio SMART power strips** (381.800), see page 30.

POWER DISTRIBUTION

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. 16 A/230 V~, single-pole switching with indicator LED, manually switchable | Wi-Fi 2.4 GHz, IEEE 802.11 b/g/n, bi-directional, functional range within the Wi-Fi network | Switchable using mobile app for iOS and Android | Additional gateway for Radio SMART Adapter

919.023

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 in free field | Switchable using remote control 919.027 | Switchable using mobile app for iOS and Android with Wi-Fi adapter (919.023) as the gateway

919.021

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 7/4 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 in free field | Switchable using remote control 919.027 | Switchable using mobile app for iOS and Android with Wi-Fi adapter (919.023) as the gateway

919.022

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)

919.024

Surge protection | Adapter plug with integrated surge 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 250 V AC, IL 16 A, Ip 6.5 kA, Isc 1.5 kA, Ta < 25 ns

919.025

Accessories

#	⇄

Radio remote control for Radio SMART Adapters | For remotely controlling Radio SMART products | White

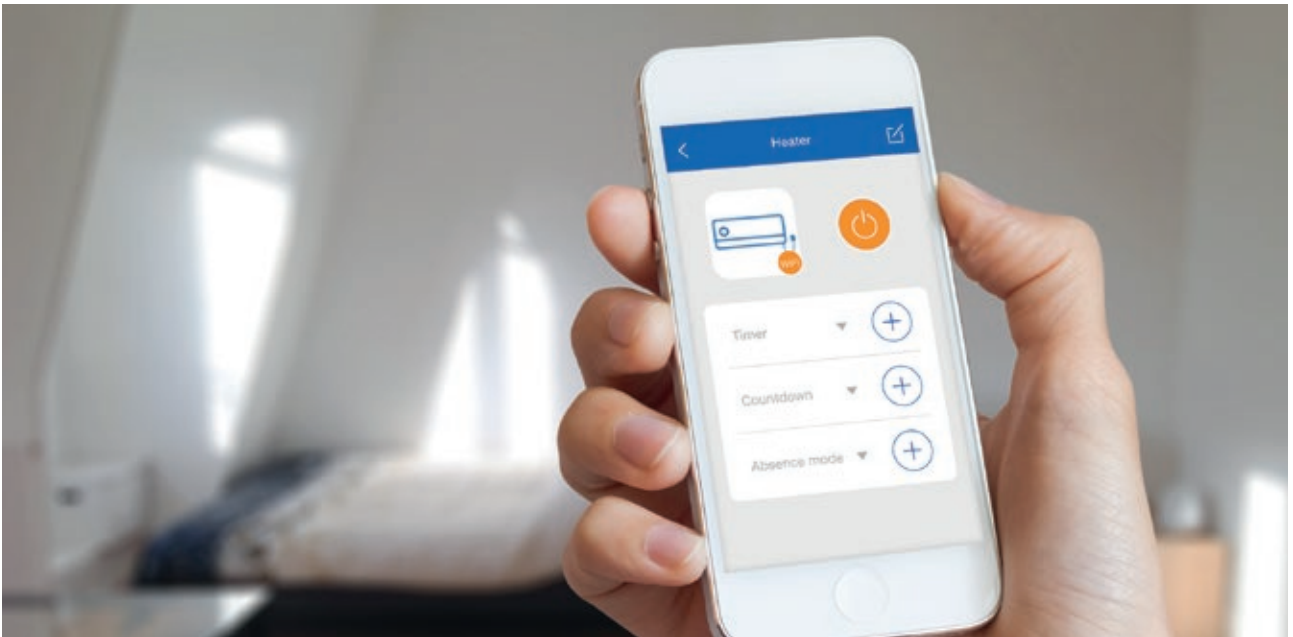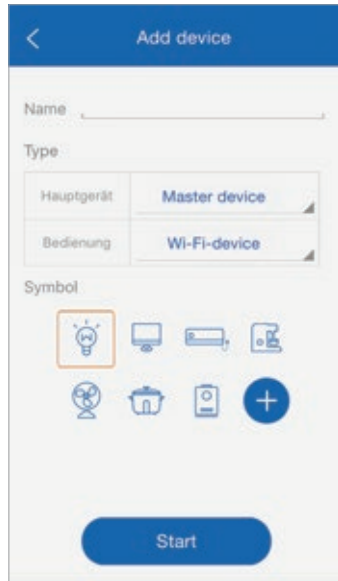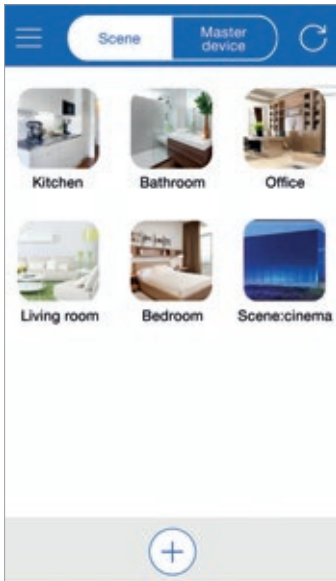| 919.027	Operated with replaceable battery CR2032/3 V | 433.92 MHz, unidirectional, radio range 30 m in free field| 3 channels ON/OFF with 1 x Radio SMART Adapter or SMART power strip 381.800 (see p. 30) with radio remote switch

919.027

BACHMANN SMART APP

Control your BACHMANN SMART Adapter via your smartphone or tablet.

Functions:

· Switch adapter ON/OFF
· Configure various scenarios
· Timer, countdown and absence mode
· Range across entire Wi-Fi network
· For SMART Wi-Fi adapter (919.023)
· For Radio SMART adapter (919.021, 919.022) and radio power strip (381.800) with SMART Wi-Fi adapter as the gateway

For iOS and Android.

Timer switches

Mechanical timer switches

· 24 h, 16 A / 250 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 / 250 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

Energy measuring instrument

Energy measuring instrument, 160 – 250 V~

#	
852.9821	White | Energy-efficient | Large LCD display with blue background light | Digital display of electricity consumption, energy costs (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

Thermostat adapters

Thermostat adapter 16 A / 250 V~ / 50 Hz / 3680 W (9 A / 2070 W)
· 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 statuses

924.1740

Multiple plugs

Multiple plugs

#	
921.271	White | max. 2.5 A / 250 V~ | 2 x Euro sockets

921.271

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

Travel adapters

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 | Integrated 13 A micro fuse, replaceable
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 for the earthing contact system
· Plug pin side: socket outlet with earthing contact

#	⇄
Travel plug 10 / 16 A / 250 V~	
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 15 A / 125 V~	
921.003	3-pole | White | Plug pin side: earthing contact, Germany, France, Belgium, with dual earthing contact system | Socket side: USA
Travel plug 10 A / 250 V~	
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 | 16 A / 250 V~ | 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

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

Personal protection

PRCD-S extension cable

· 16 A / 250 V~, 30 mA, IP44
· With protective conductor monitoring
· Cable lengths: plug – PRCD-S: 0.15 m, PRCD-S – coupling: 3.0 m
· Non-stationary 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

PRCD-S intermediate device

· 16 A / 250 V~, 30 mA, IP55
· Differential current protection device with electronic error current evaluation for alternating and pulsed DC residual currents
· With undervoltage tripping, protective conductor presence and monitoring
· Specially designed as a protective distributor for small construction sites as recommended by the BGFE employers' liability association, Cologne (ZH1/271) and for all non-stationary electrical equipment.
· For cable cross section 1 mm² – 2.5 mm²
· 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 | Including protective conductor monitoring

919.016

PRCD-K intermediate device

· 16 A / 250 V~, 30 mA, IP55
· Differential current protection device with electronic error current evaluation for alternating and pulsed DC residual currents
· With undervoltage tripping
· For cable cross section 1 mm² – 2.5 mm²
· Specially designed as a protective distributor for fire fighters and emergency services, suitable for all non-stationary electrical equipment, especially when using generators
· 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-K to interrupt all poles
· Black

#	⇄
PRCD-K	
919.018	Test marks by VDE, TÜV, GS | Conforms to DGUV-I 203-006 | No protective conductor monitoring

919.018

Extension cable with earthing contact with PRCD

· 16 A / 250 V~/ 3,600 W, IP44
· Without protective conductor monitoring
· 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

· 16 A / 250 V~ / 3600 W, IP55
· Without protective conductor monitoring
· 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) 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 adapters

· 16 A / 250 V~/ 50 Hz / 3680 W, IP44
· Without protective conductor monitoring
· 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

CEE adapters

CEE adapter, 400 V~, IP44

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

#	⇄	
349.012	Input: Output:	1 x CEE plug 16 A / 400 V~ 1 x CEE socket 32 A / 400 V~
349.006	Input: Output:	1 x CEE plug 16 A / 400 V~ 1 x CEE socket 16 A / 400 V~ 1 x CEE socket 32 A / 400 V~ 2 x socket outlets with earthing contact 250 V~
349.028	Input: Output:	1 x CEE plug 16 A / 400 V~ 3 x socket outlets with earthing contact 16 A / 250 V~
349.029	Input: Output:	1 x CEE plug 16 A / 400 V~ 1 x CEE socket 16 A / 400 V~ 3 x socket outlets with earthing contact 16 A / 250 V~
349.033	Input: Output:	1 x CEE plug 16 A / 400 V~ 3 x CEE sockets 16 A / 400 V~

Protection: 3 x 10 A fuse

#		
349.183	Input: Output:	1 x CEE plug 32 A / 400 V~ 1 x CEE socket 16 A / 400 V~
349.007	Input: Output:	1 x CEE plug 32 A / 400 V~ 1 x CEE socket 16 A / 400 V~ 1 x CEE socket 32 A / 400 V~ 1 x socket outlet with earthing contact 250 V~

CEE adapter with 1 x MCB 16 A | Characteristic C | IP44 | Rubber housing

#		
349.013	Input: Output:	1 x CEE plug 32 A 1 x CEE socket outlet 16 A

CEE adapter with 1.5 m supply cable: H07RN-F5G 1.5 mm² | Screwed | Rewirable

#		
349.027	Input: Output:	1 x CEE plug 16 A / 400 V~ 3 x socket outlets with earthing contact 250 V~
349.035	Input: Output:	1 x CEE plug 16 A / 400 V~ 3 x CEE sockets 16 A / 400 V~

CEE wall-mounted combination socket, 400 V~, IP44

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

#	⇄
910.002	Red	16 A	1 x CEE flush-mounted installation box 400 V~	1 x socket outlet with earthing contact 250 V~

349.012

349.006

349.028

349.029

349.033

349.183

349.007

349.013

349.027

349.035

910.002

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

Start inrush current limiter, IP44

#	⚙

230 V~ | 1-phase

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

349.017

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

349.018

Input: 1.5 m cable H07RN-F 3G 1.5 with earthing contact plug, black

Mounting plugs / mounting couplings

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

#	⬚
Mounting plug – rewirable	
933.008	Black
933.009	White

933.008
933.009

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

#	⬚
Mounting plug – rewirable	
933.001	Black
933.002	White

933.001
933.002

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

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 screw 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

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
Coupling	Thermoplastic insert with earthing contact and strain relief	
913.174	DIN 49440
919.176	IP44, DIN 49440	With lid

913.171

913.174

919.176

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

Earthing contact plug 16 A / 250 V~

#	

Central plug | Large version | Shatter-proof plastic | Robust | With strain relief and protective rubber sleeve | With dual earthing contact system | H05VV-F 3G 0.75/1.0/1.5 mm²

960.101	Black
960.201	White
960.301	Grey

960.101

Central plug DIN 49441 | Large version | Shatter-proof plastic with strain relief | H05VV-F 3G 1.0 mm²

910.971	Grey

910.971

Central plug DIN 49441 | Small version | Shatter-proof plastic, with strain relief | H05VV-F 3G 1.0 mm²

910.170	Black
910.270	White
910.470	Brown

910.270

Right-angled plug | Shatter-proof plastic | Robust | With strain relief and protective rubber sleeve | With dual earthing contact system | H05VV-F 3G 0.75/1.0/1.5 mm²

960.102	Black
960.202	White
960.302	Grey

960.102

Right-angled plug | Small version | Shatter-proof plastic, with lateral earthing contact | H05VV-F 3G 1.5 mm²

911.172	Black
911.272	White

911.272

Flat plug/angled | Shatter-proof design, with side entry | H05VV-F 3G 1.50 mm²

911.170	Black
911.270	White
911.470	Brown

911.270

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

911.271

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

911.273

Mounting plug | Small version, shatter-proof plastic 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

910.200

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

Earthing contact couplings 16 A / 250 V~

#	

Large version | With shutter | Shatter-proof plastic | With strain relief and protective rubber sleeve | Robust | H05VV-F 3G 0.75/1.0/1.5 mm²

960.103	Black
960.203	White
960.303	Grey

Large version | Shatter-proof plastic, with protective rubber sleeve | H05VV-F 3G 1.5 mm²

912.971	Grey

Small version | Shatter-proof plastic | H05VV-F 3G 1.5 mm²

912.170	Black
912.270	White
912.470	Brown

960.103

960.203

960.303

912.971

912.270

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 | 400 / 230 V~

· Side entry, 3-pole + N + PE as per VDE0100/5.73
· IP20

#	
349.203	White

349.203

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

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	Integrated 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

910.177

912.173

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

Non-heating devices / heating devices

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

#	⊟

C14 non-heating device plug with earthing contact | 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

C14 non-heating device right-angled plug with earthing contact | 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

C13 non-heating device socket with earthing contact | 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

C13 non-heating device right-angled socket with earthing contact | 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

C14 non-heating device built-in plug | E | Thermoplastic version with screw terminal

917.170	Black

C13 non-heating device built-in socket | 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

#	⊟

C20 non-heating device plug | Thermoplastic version | With protective rubber sleeve, for cable mounting

915.175	Black

C19 non-heating device socket | For cables up to 3G 1.50 mm² | Thermoplastic version | Protective rubber sleeve for cable mounting

915.174	Black

C20 non-heating device built-in plug | Thermoplastic version

917.173	Black

C19 non-heating device built-in socket | J | Thermoplastic version

| 917.172	Black

915.175

915.174

917.173

917.172

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

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

#	⚙
C16A heating device built-in plug | E | 10 A/250 V~ | 155 °C | Thermoplastic version with screw terminal	
918.170	Black
C15A heating device socket | 10 A/250 V~ | 155 °C | For cables up to 3G 1.00 mm² | Thermoplastic version | Screw terminal, protective rubber sleeve and strain relief	
916.170	Black
916.970	Grey (similar to RAL 7035)
C21 heating device socket | 16 A/250 V~ | 155 °C | Protective rubber sleeve for cable mounting	
918.171	Black

918.170

916.970

918.171

ℹ May only be supplied to end user pre-wired | Only to be wired by qualified technicians
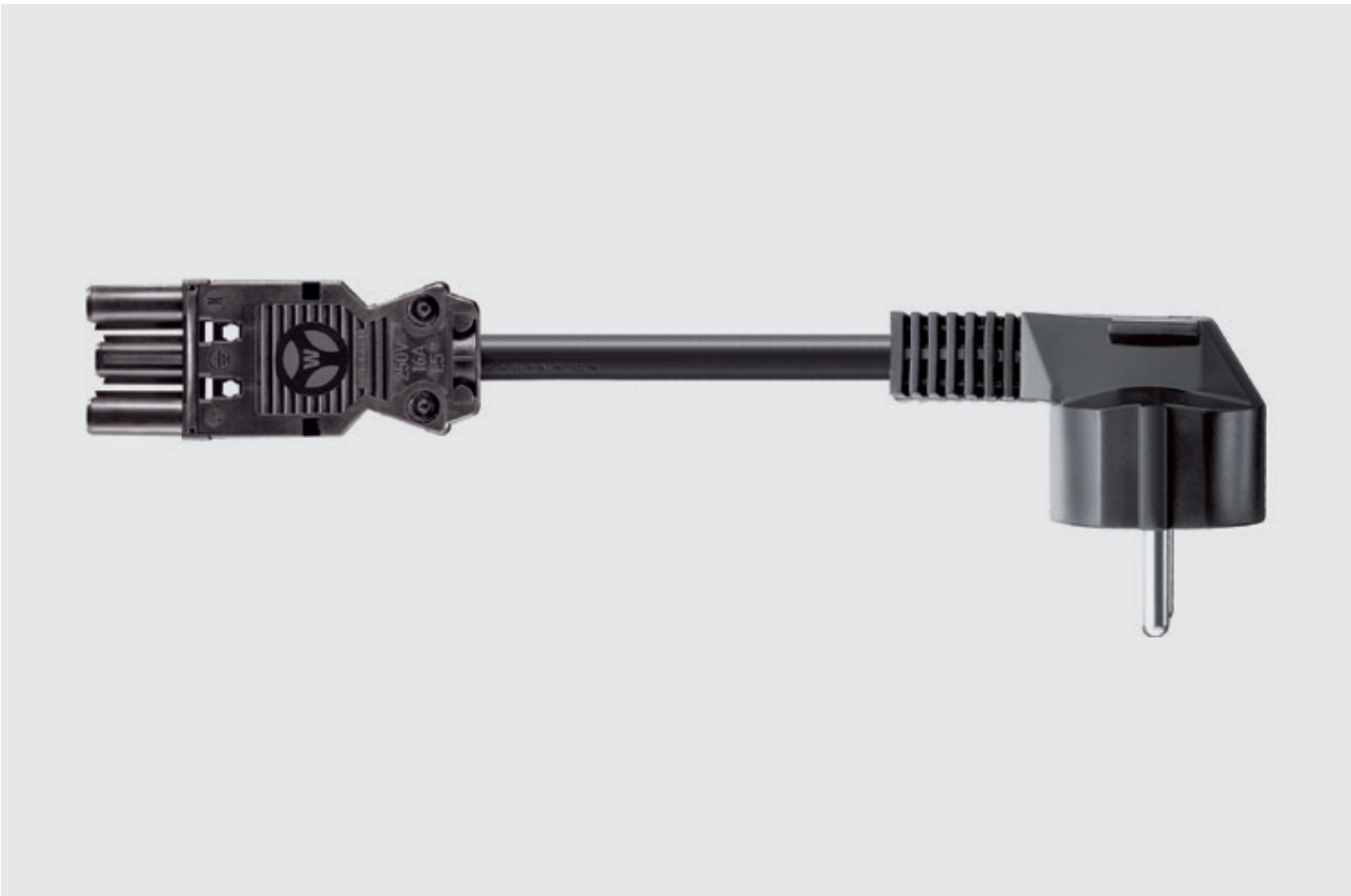
Wieland installation connection system

Cables fitted with the Wieland GST18 connector system are available to connect 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

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 99.403.4396.1
375.517	White | Wieland 92.932.3053.0
Device coupling, GST18i3	
375.505	Black | Wieland 99.404.4396.1
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

POWER DISTRIBUTION

Device supply cable, GST18

#	⚏

GST18 / earthing contact plug
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

375.000

GST18 / earthing contact plug | 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

375.016

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

375.068

GST18 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 from page 26)
· Table-mounted frames can be earthed independently of the integrated power strip

#	⚏

GST18 earthing contact plug
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

GST18 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: H05Z1Z1-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

375.050

GST15 / GST18 device extension cable

#	⇄
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

375.127

ST18 device supply cable / device extension cable
· Old connector system, cannot be plugged in under load

#	⇄
ST18/earthing contact plug device supply cable	
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
ST18/ST18 device extension cable	
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
Latching hook (interlock) | Compliant with VDE 0628	
375.501	Black | For snap-in built-in plug and coupling

375.518

375.501

POWER DISTRIBUTION

Connectors / distributors

#	⚏

Intermediate 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

375.107	1 x input, 2 x output (1)	Black	With mounting option
375.102	1 x input , 2 x output (2)	Black
375.123	1 x input, 3 x output (3)	Black	With mounting option

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

375.107

375.102

375.123

375.106

Accessories

#	⚏
375.503	**End cap**	Black	Inserts into the snap-in fitted plug and coupling
375.542	**Base plate**	for GST18 distributor with mounting option

375.503

375.542

Extension cables

16 A CEE extension cable | Rubber / neoprene

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

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

347.172

32 A CEE extension cable | Rubber / neoprene

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

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

346.172

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
341.289	10.0 m	White
341.189	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

POWER DISTRIBUTION

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

C14/C13 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	Individually packed
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	Individually packed

356.975

C20/C19 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

SMART PLUG extension cable

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

#	▣
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

933.012
933.013

FLAT PLUG extension cable

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

#	▣
Coupling with earthing contact | With 1.5 m H05VV-F 3G 1.5	
933.005	Black
933.006	White

933.005
933.006

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

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-F 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 load 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 |
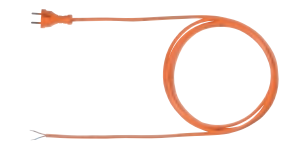
244.875

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	2.0m	Black	Unpacked
246.175	3.0m	Black	Unpacked
246.185	3.0m	Black	Individually packed
246.375	3.0m	Red	Unpacked
246.176	5.0m	Black	Unpacked
246.186	5.0m	Black	Individually packed
246.376	5.0m	Red	Unpacked
**Cable: H07RN-F 2 x 1.50 mm²	Diameter approx. 8.7 mm**	
248.174	2.0m	Black	Unpacked
248.175	3.0m	Black	Unpacked
248.185	3.0m	Black	Individually packed
248.176	5.0m	Black	Unpacked
248.186	5.0m	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	3.0m	White	Unpacked
241.175	3.0m	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	2.0m	White	Unpacked
202.284	2.0m	White	Individually packed
202.174	2.0m	Black	Unpacked
202.184	2.0m	Black	Individually packed
202.275	3.0m	White	Unpacked
202.285	3.0m	White	Individually packed
202.175	3.0m	Black	Unpacked
202.185	3.0m	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

FLAT PLUG supply cable | PVC

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

#	⚡
**Ferrules	With 1.5 m H05VV-F 3G 1.5	10 cm stripped**	
933.003	Black
933.004	White

933.003
933.004

C13 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

C19 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, mounted

#	⊟
**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

Small appliance supply cable | PVC

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

#	⬚
**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

251.173

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

#	⬚
**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

116.271

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

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

119.274

For suitable **cooker connection socket,** see page 44.

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
· Dual-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

Characteristics 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 spaces
· For high mechanical stresses on construction sites, in workshops, in mechanical and plant engineering and in the chemical 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.

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.

APPLICATION AREAS
- **Roller shutters**
- **Lifting platforms**
- **Control lines**
- **Machine connections**
- **Laboratory equipment**
- **Production and workplaces**
- **Power distribution from the ceiling**

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: 2,000 mm
672.180	Black	Coil length: 500 mm	Working length: 2,000 mm
672.281	White	Coil length: 1,000 mm	Working length: 4,000 mm
672.181	Black	Coil length: 1,000 mm	Working length: 4,000 mm

672.280

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, CID: approx. 13 mm, CED: approx. 32 mm	
665.870	Coil length: 500 mm	Working length: 2,500 mm
665.871	Coil length: 1,000 mm	Working length: 5,000 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, CID: approx. 9 mm, CED: approx. 23 mm	
624.871	Coil length: 1,000 mm	Working length: 5,000 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: 2,000 mm
663.170	Black	Coil length: 500 mm	Working length: 2,000 mm
663.271	White	Coil length: 1,000 mm	Working length: 4,000 mm
663.171	Black	Coil length: 1,000 mm	Working length: 4,000 mm

663.271

Spiral cable, PUR

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

#	⚏
YMH11Y-J 5x 1.50 mm², diameter approx. 10.0 mm, CID: approx. 18 mm, CED: approx. 39 mm	
693.280	White	Coil length: 500 mm	Working length: 2,500 mm
693.180	Black	Coil length: 500 mm	Working length: 2,500 mm
693.281	White	Coil length: 1,000 mm	Working length: 5,000 mm
693.181	Black	Coil length: 1,000 mm	Working length: 5,000 mm
693.282	White	Coil length: 1,500 mm	Working length: 7,500 mm
693.182	Black	Coil length: 1,500 mm	Working length: 7,500 mm

693.280

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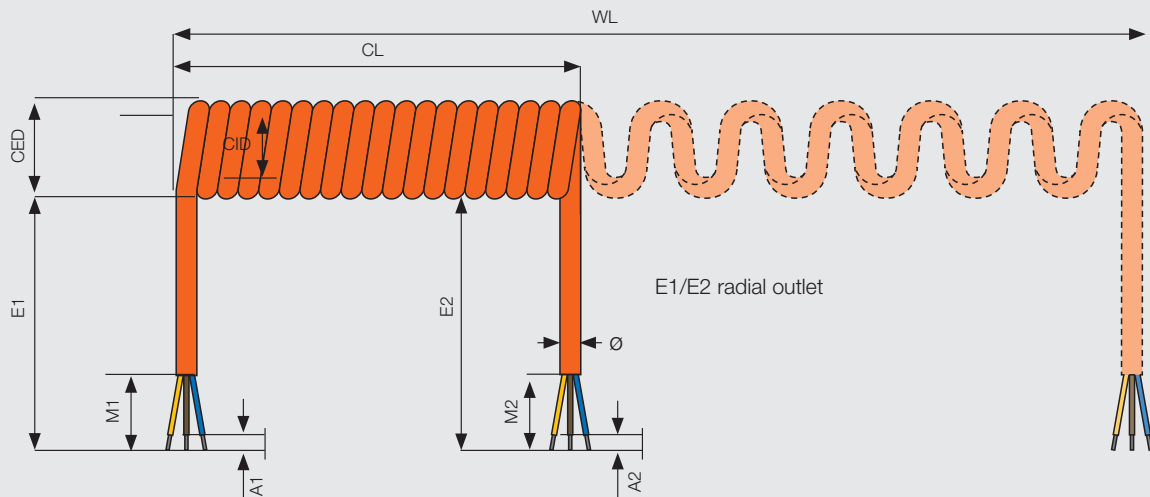
Coil length (CL)	= closed length
Working length (WL)	= max. stretched length
ø	= cable diameter
CID	= coil internal diameter
CED	= coil external diameter
E1	= end 1
E2	= end 2
M1	= stripped
A1	= ferrule

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

#	
H07BQ-F 3G 1.50 mm², diameter approx. 9.5 mm, CID: approx. 13 mm, CED: approx. 32 mm	
684.880	Coil length: 500 mm	Working length: 2,500 mm	Orange
684.881	Coil length: 1,000 mm	Working length: 5,000 mm	Orange
684.882	Coil length: 1,500 mm	Working length: 7,500 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: 2,500 mm	Orange
685.881	Coil length: 1,000 mm	Working length: 5,000 mm	Orange
685.882	Coil length: 1,500 mm	Working length: 7,500 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: 2,500 mm	Orange
681.881	Coil length: 1,000 mm	Working length: 5,000 mm	Orange
681.882	Coil length: 1,500 mm	Working length: 7,500 mm	Orange
H07BQ-F 3G 2.50 mm², diameter approx. 10.8 mm, CID: approx. 18 mm, CED: approx. 40 mm	
682.880	Coil length: 500 mm	Working length: 2,500 mm	Orange
682.881	Coil length: 1,000 mm	Working length: 5,000 mm	Orange
682.882	Coil length: 1,500 mm	Working length: 7,500 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: 2,500 mm	Orange
683.881	Coil length: 1,000 mm	Working length: 5,000 mm	Orange
683.882	Coil length: 1,500 mm	Working length: 7,500 mm	Orange

684.880

Spiral cable, PUR

· Leads: 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

#	
YMH11Y-J 3G 1.50 mm², diameter approx. 8.0 mm, CID: approx. 13 mm, CED: approx. 29 mm	
692.280	White	Coil length: 500 mm	Working length: 2,500 mm
692.180	Black	Coil length: 500 mm	Working length: 2,500 mm
692.281	White	Coil length: 1,000 mm	Working length: 5,000 mm
692.181	Black	Coil length: 1,000 mm	Working length: 5,000 mm
692.282	White	Coil length: 1,500 mm	Working length: 7,500 mm
692.182	Black	Coil length: 1,500 mm	Working length: 7,500 mm

692.280

POWER DISTRIBUTION

Spiral cable, PVC

· Leads: 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

#	⚙
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: 2,000 mm
654.180	Black	Coil length: 500 mm	Working length: 2,000 mm
654.281	White	Coil length: 1,000 mm	Working length: 4,000 mm
654.181	Black	Coil length: 1,000 mm	Working length: 4,000 mm
654.282	White	Coil length: 1,500 mm	Working length: 6,000 mm
654.182	Black	Coil length: 1,500 mm	Working length: 6,000 mm

654.280

Lamp spiral cable

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

#	⚙
**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: 1,600 mm	White
654.284	Coil length: 800 mm	Working length: 3,200 mm	White
**LIY11Y-J 5 x 1.50 mm², diameter approx. 10 mm, CID: approx. 13 mm, CED: approx. 34 mm	Sheath: PUR, elongation factor 1:5**	
693.283	Coil length: 400 mm	Working length: 2,000 mm	White

654.284

Characteristics 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-compatible connections: for example, mechanical engineering, construction
  equipment, electric tools, communication technology – particularly suitable for use out of doors or in damp environments

Accessories

Cablesafe 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

#	[icon]
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: 280 x 120 x 190 mm

904.100

Cable box set, IP44

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

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

924.351

Cablesafe, 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

#	[icon]
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

#	[icon]
394.179	Orange

394.179

Cable-Snake®

LanLight®
(see page 162)

Easy Outlet®/
Easy Cover®
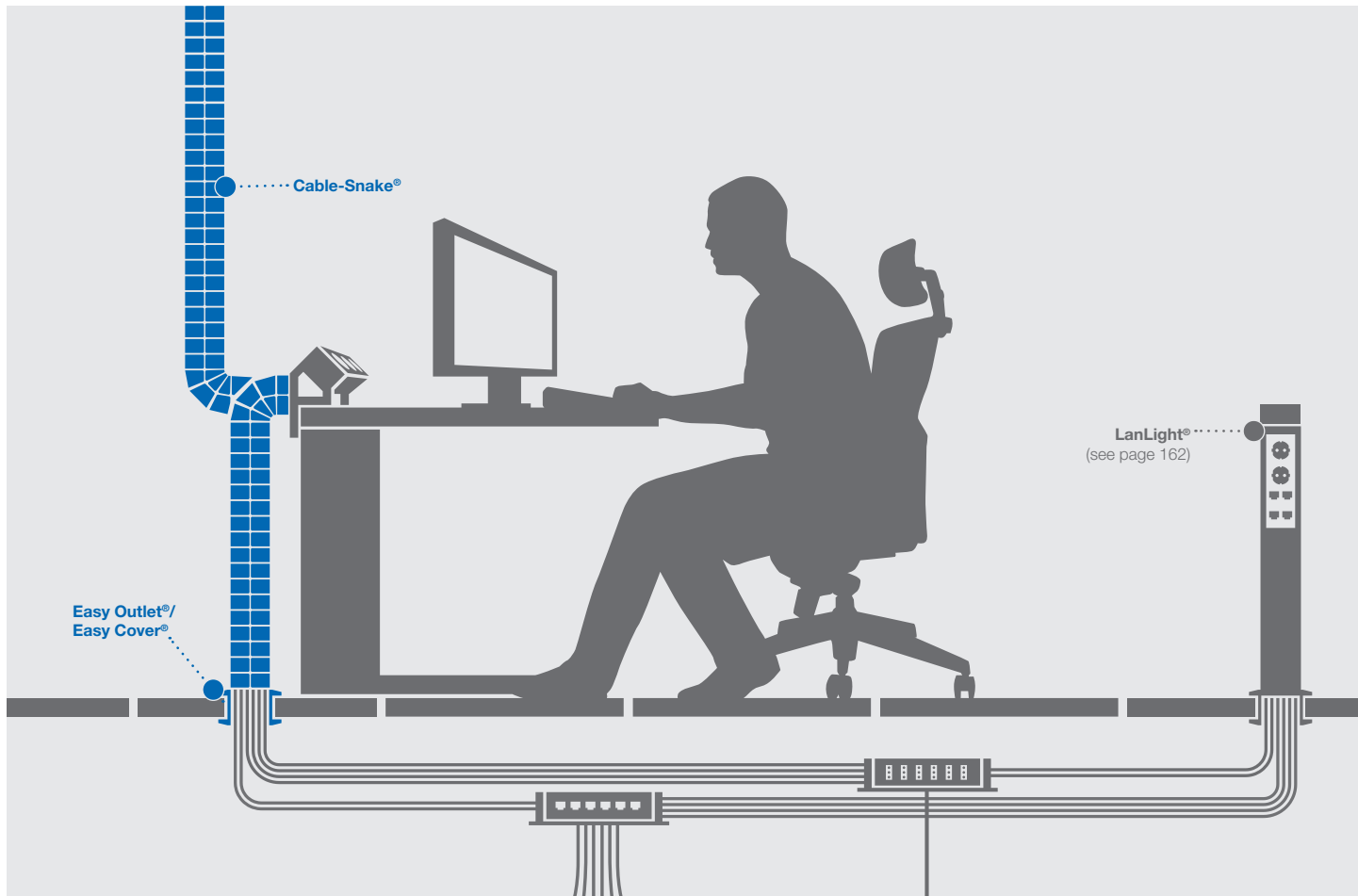
Cable management

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 guide system for every requirement. 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**

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×H: approx. 53×23 mm | Length when separated: approx. 100 cm, when pushed together: approx. 72 cm

930.030	Black
930.031	Silver

930.031

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

930.058	Black
930.059	Silver

930.059

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×H: approx. 90×24 mm Length when separated: approx. 100 cm, when pushed together: approx. 70 cm

930.032	Black
930.033	Silver

930.033

Cable-Snake® Premium Set | Vertical cable guide | Stylish premium set: 16 chain links, W×H: approx. 70×35 mm | 1x metal base plate in appropriate colour | 1x table 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 attachment approx. 78 cm | Length without accessories approx. 75 cm | Length when pushed together: approx. 59 cm in the set

930.049	Black
930.050	Silver

930.050

Cable-Snake® Quadro Set | Vertical cable guide | Functional set with a strong design element: 23 quadratic chain links, W x H: approx. 45×45 mm | 1x metal base plate in appropriate colour | 1x table 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 attachment approx. 76 cm

930.016	Black
930.017	Silver

930.017

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

930.018	Black
930.019	Silver

930.019

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

930.022	Black
930.023	Silver

930.023

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

930.021

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

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 | Adapter for horizontal connections

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 2 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 | For max. 16 cables

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

930.026

930.090

930.092

930.166
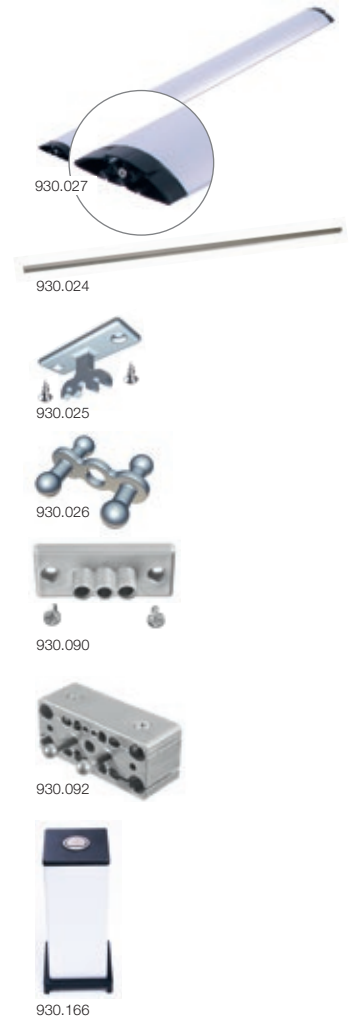
Floor connection

#	⊟

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 lid for floor unit | Telescopic lid set for Easy-Outlet® floor unit

930.100*	Black
930.137*	Silver

930.137
930.099

Floor connection

#	⚙

Easy-Cover-I® | Combined with Easy-Outlet® floor unit | Connection for 1 x Cube, Pro, Classic or Flex | Material: PP for use in floor outlet

930.138*	Silver

930.138

Easy-Cover-II® | Combined with Easy-Outlet® floor unit | Connection for 2 x Cube, Pro, Classic or Flex | Material: PP for use in floor outlet

930.139*	Silver

930.139

Easy-Cover-Quadro® | Combined with Easy-Outlet® floor unit | Connection for 1 x Cable-Snake® Quadro | Material: PP for use in floor outlet

930.164*	Black

930.164

Easy-Cover-Premium® | Combined with Easy-Outlet® floor unit | Connection for 1 x Cable-Snake® Premium | Material: PP for use in floor outlet

930.165*	Black

930.165

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

930.034

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

930.057

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

930.036

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

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

930.094

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

930.096

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

930.097

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 from -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 inch	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 inch	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 assures fire- and abrasion-resistance with its monofilament fibres and is thus also ideal for professional and industrial use.

Manual Wrap

Automatic Wrap
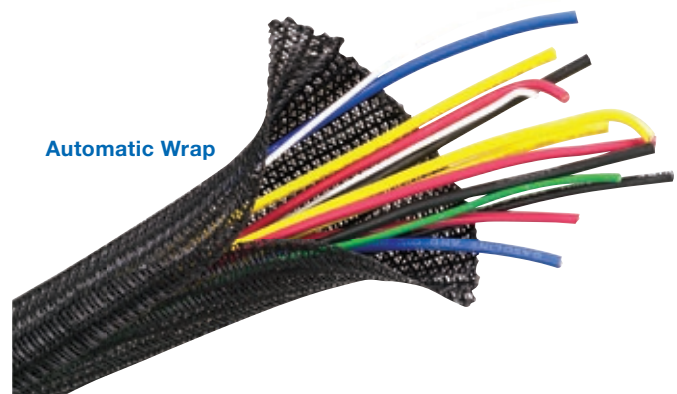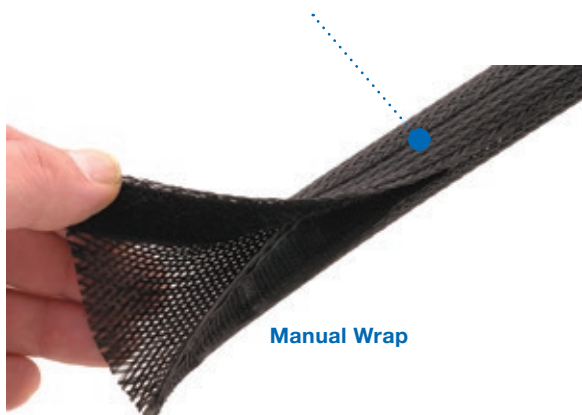
CABLE BRIDGE – the cable duct

· 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 integrated 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
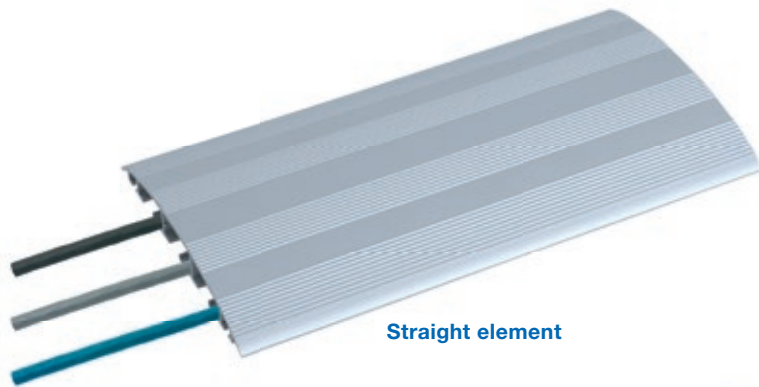
Straight element

Angled element

POWER DISTRIBUTION
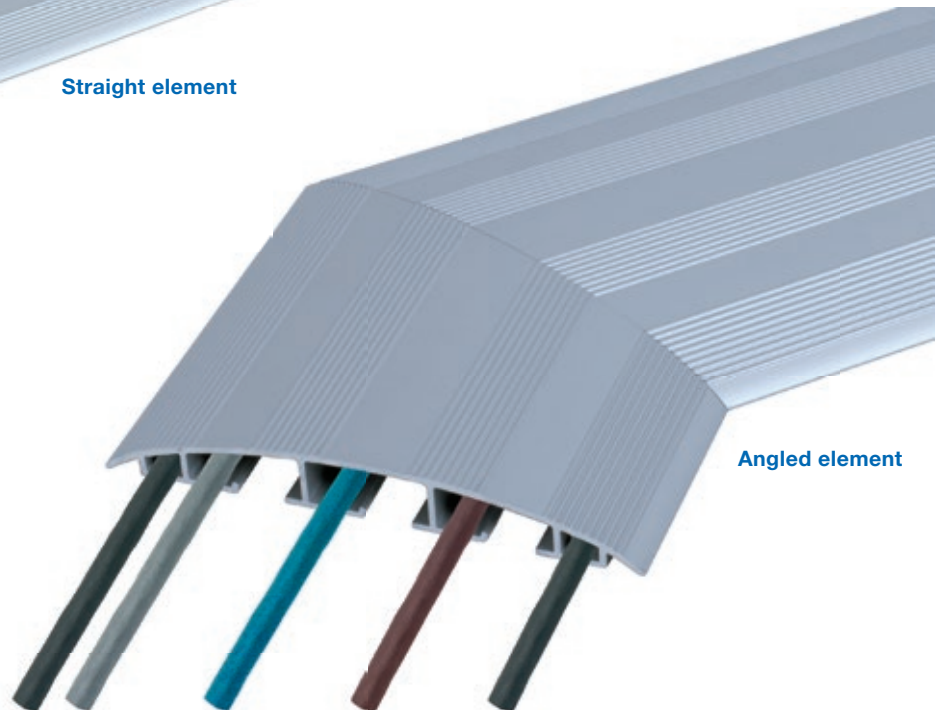
LOOP

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 table 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 due to the black brush insert.

BENEFITS

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

LOOP SQUARE:
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:

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

Colour variants:

Cable glands – LOOP SQUARE

· Simple, elegant flap solution
· Integrated soft-close function with quiet closing makes for inconspicuous handling
· Can be used in any office environment due to plain, modern design
· Rounded edges permit CNC machining of the 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 – LOOP ROUND

· Simple and elegant cable guide; also suitable for thick, rigid cables due 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

Variant 1: LOOP ROUND	**Variant 2:** LOOP ROUND + LOOP IN

LOOP ROUND
Ring
930.301

+

LOOP ROUND
Lid
930.301

LOOP ROUND
Ring
930.301

+

LOOP IN
Power input with
cable gland
938.001
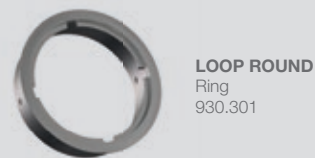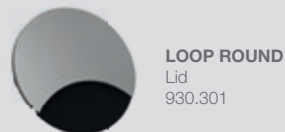
LOOP SQUARE	**LOOP ROUND**

110 / 120
25
Ø5

88
1.5
21
77
80
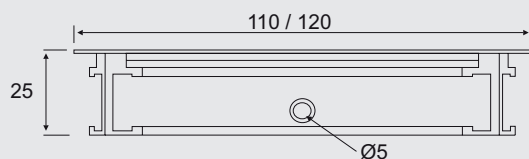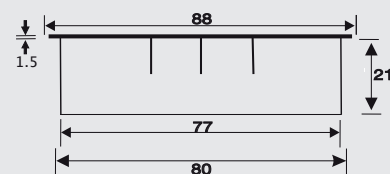
Dimensions in mm

ⓘ LOOP SQUARE can be combined with BACHMANN STEP and UNIVERSAL power strips.

You will find suitable **LOOP IN power inputs** for LOOP ROUND on page 135.

Connection panels

Integrated units

Surface-mounted units

Floor units

VENID

As part of a modern work and conference environment, the desk connection panel VENID offers both exceptional design and high functionality.

The original tabletop material can be integrated quickly and easily into the mounting frame, so the tabletop 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.

BENEFITS

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

Tray dimensions (W x H x D): 334 x 173 x 79 mm
Mounting frame dimensions (W x H x D): 371 x 180 x 57 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

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 and screwed in | Max. tabletop thickness up to 25 mm
935.100	**VENID tray** Steel sheet, black, powder-coated | Clips into VENID mounting frame | Mount for two power strips

935.000

935.100

VENID power strips

#	⊕	▣	⊙	⬡	⊕	↻	⎘	C
Medium | Anodised aluminium profile | Power input: 0.2 m cable and GST18 plug | Incl. mounting bracket | Width 229 mm								
936.009	3					35°		1
936.001	2					35°	●	1
936.007	2					35°		2
936.003	1					35°	●	2
936.011		2				45°		1
936.005		1				45°	●	1
936.010			3			35°		1
936.002			2			35°	●	1
936.008			2			35°		2
936.004			1			35°	●	2
936.015				3		0°	●	1
936.014				2		0°	●	
936.013				1		0°	●	2
936.012					2	35°		1
936.006					1	35°	●	1

936.007

936.005

936.004

936.015

← →
Cover can be **opened in both directions.**

138
180
332,5
351
371
55
1,5
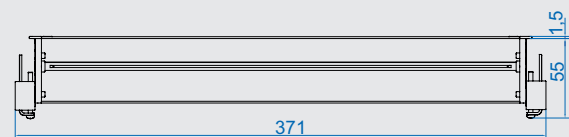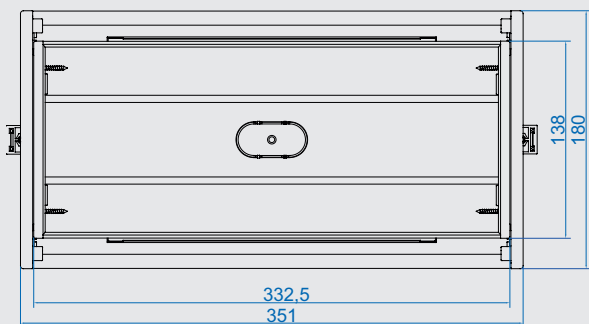
VENID mounting frame | Dimensions in mm

ⓘ To improve stability, it is recommended that the VENID tray is used in combination with the VENID mounting frame.

C

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 is integrated into 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 opening 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 surface 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
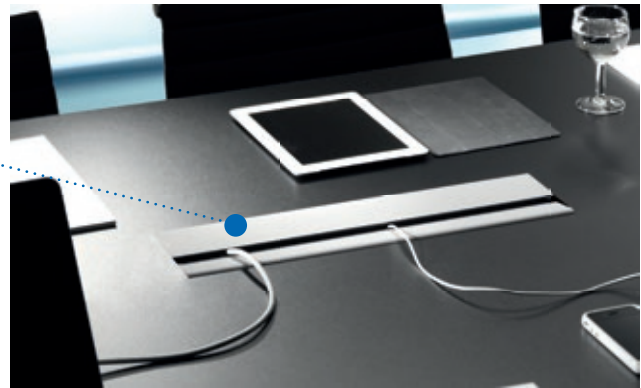**Thickness of tabletop:** 11–44 mm

**Material:** steel sheet

Colour variants:

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).

CONFERENCE with frame

#	⊟
X-large	Dimensions (W x H): 467 x 182 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 182 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
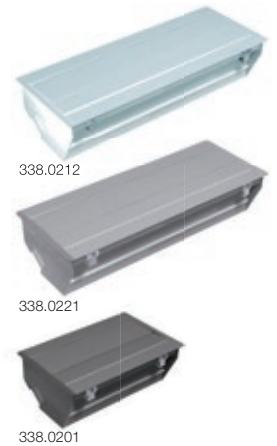
CONFERENCE without frame

#	⊟
X-large	Dimensions (W x H): 443 x 119 mm	
338.0230	Grey metallic (powder-coated, similar to RAL9006)
Medium	Dimensions (W x H): 267 x 119 mm	
338.0231	Grey metallic (powder-coated, similar to RAL9006)

338.0230

338.0231

A veneer can be glued to the surface.
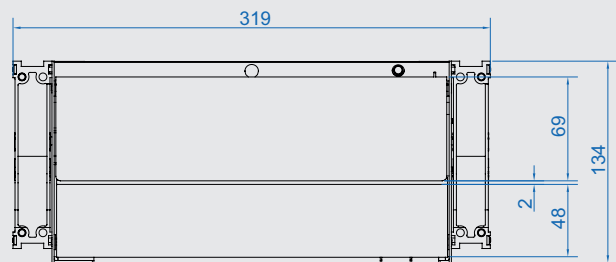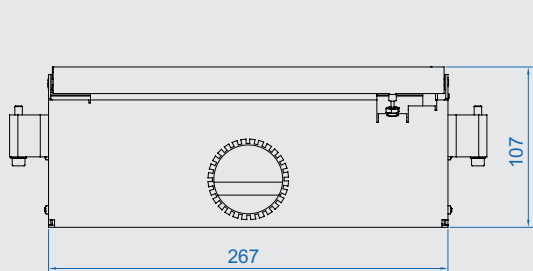
CONFERENCE without frame – Medium | Dimensions in mm

107

267

319

69

134

2

48

ⓘ Colour guides for the surface colours are available on page 105.

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 surface 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 surface of the furniture**
- **Can be installed flush with the surface of the furniture**
- **Version with surround frame suitable for subsequent assembly**

Mounting depth of frame for version fitted below the table: 98 mm (110 mm incl. power strip)
Mounting depth of frame for version fitted on the table: 96 mm (108 mm incl. power strip)
**Thickness of tabletop:** 12–40 mm

Material: Housing: Steel sheet
Lid: aluminium

Colour variants:

TOP FRAME without frame

#	[pictogram]
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
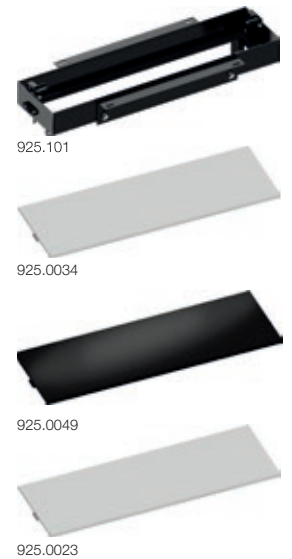
TOP FRAME with frame

#	[pictogram]
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

Colour guides

#	[pictogram]
917.029	Set of 5 colour charts	Chart size 120 mm x 64 mm	Colour chart set contains: Grey metallic (similar to RAL9006), Anthracite (similar to RAL7016), Black (similar to RAL9005), White (similar to RAL9010), Moonstone metallic

917.029

Accessible **from every** side.

For suitable **power strips,** see from page 106.

CONFERENCE and TOP FRAME power strips

#	⊙	▣	⊙	⬡	⊕	↺	🔌	Ⓒ
X-large	Power input/output: GST18i3	Width 444 mm						
909.009	6					35°		2
909.008	5					35°		3
909.007	4					35°		4
909.0057	3					35°	●	4
909.006	3					35°		5
909.005	2					35°		6
909.0026		4				45°		2
909.0058		3				45°	●	2
909.0027		3				45°		3
909.0029		2				45°		5
909.0028		2				45°		4
909.016			6			35°		2
909.015			5			35°		3
909.014			4			35°		4
909.0060			3			35°	●	4
909.013			3			35°		5
909.012			2			35°		6
909.020*				6		0°		3
909.0191				4		0°		4
909.0172				3		0°	●	4
909.033*				2		0°		6
909.0080					5	35°		3
909.0105					3	35°	●	4
X-large	Without power input/output	Width 444 mm						
909.001						0°		8

909.009

909.008

909.007

909.0057

909.006

909.005

909.001

For suitable **device supply cables,** see from page 66.

Ⓒ For suitable **Custom Modules,** see from page 172.

CONFERENCE and TOP FRAME power strips

#	⊕	⊡	⊙	⬡	⊛	↺	⚡	⧈
Medium | Power input/output: GST18i3 | Width 260 mm								
909.004	3					35°		1
909.0056	2					35°	●	1
909.003	2					35°		2
909.002	1					35°		3
909.0023		2				45°		1
909.0024		1				45°		2
909.011			3			35°		1
909.0059			2			35°	●	1
909.010			2			35°		2
909.025			1			35°		3
909.0170				2		0°	●	1
909.017				2		0°		2
909.028				1		0°		3
909.058					3	35°		1
909.029					2	35°		2
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

909.004

909.0056

909.003

909.002

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

CONNECTION PANELS

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 surface 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 59 mm Small: 255 x 151 x 59 mm **Mounting depth of frame (without mounting clips):** 56 mm **Thickness of tabletop:** 10–35 mm	**Material:** Mounting frame: steel sheet Socket: plastic, aluminium **Socket colour:** black **Colour variants:**

Small CONI mounting frame
Width: 248 mm

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

Simply remove the mounting frame from the tabletop and unscrew the 3 re-usable plastic rivets.
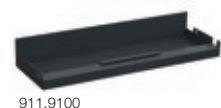
Large CONI mounting frame
Width: 387 mm

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

CONI holder

· For optional mounting on CONI mounting frame (small and large version)
· 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)

#	⇄
911.9130	**Large CONI holder**
911.9100	**Small CONI holder**

911.9100

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

151

248

68

227

255

133

1,5

57,5
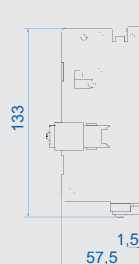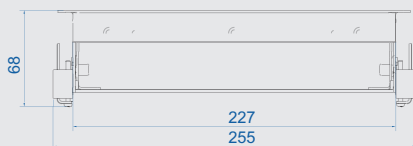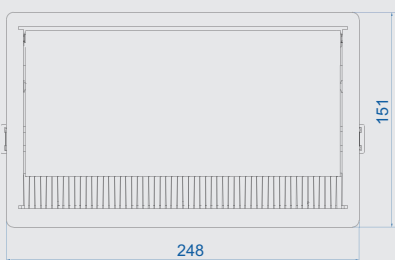
CONI – Small | Dimensions in mm

For suitable **power strips,** see from page 116.

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 surface 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 68 mm
Small: 512 x 151 x 68 mm
Mounting depth (without mounting clips): 56 mm
Thickness of tabletop: 10–35 mm
Socket colour: black

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

Colour variants:

CONI DUO mounting frame 2 x small
Width: 505 mm

CONI DUO mounting frame 2 x large
Width: 782 mm
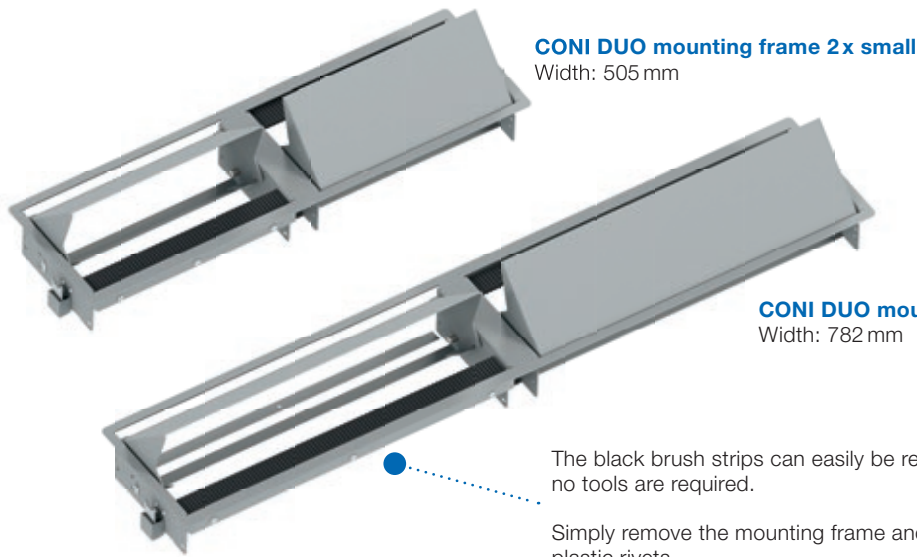
The black brush strips can easily be replaced with colour strips; no tools are required.

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

CONI DUO mounting frame

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

911.025

911.026

Access from **two opposite sides**.

505

151

1,5

66

512
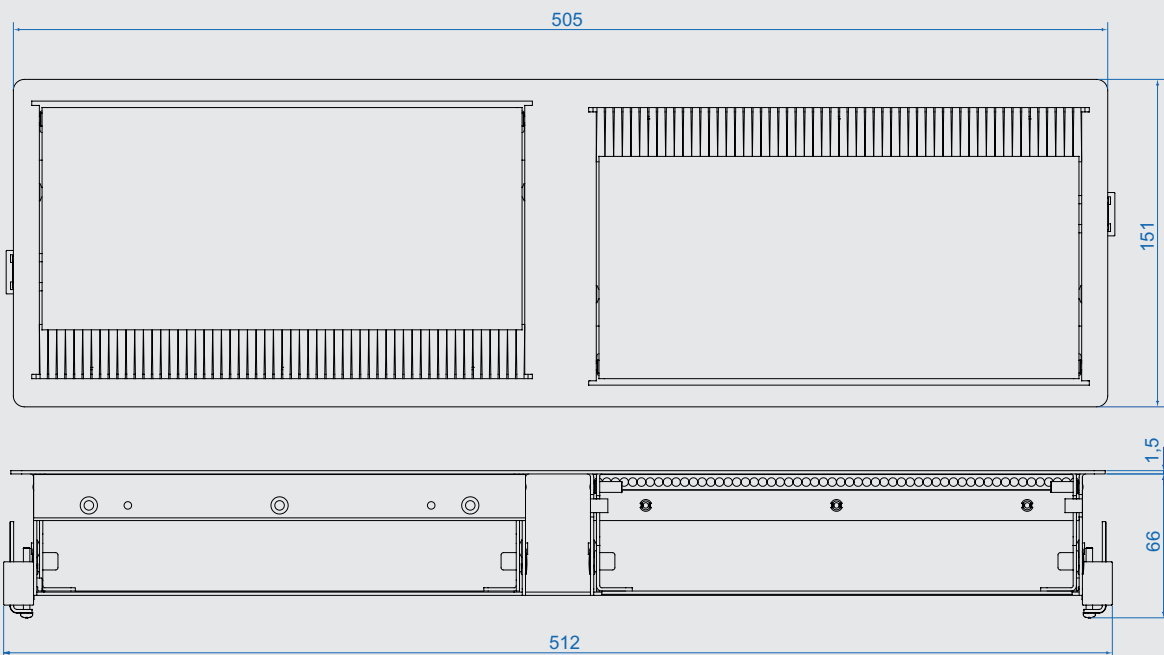
CONI DUO – Small | Dimensions in mm

ℹ Not compatible with "CONI Holder" accessories

For suitable **power strips,** see from page 116.

For suitable **brush strips,** see from page.

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 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

Colour guides

#	⚏
917.029	Set of 5 colour charts | Chart size 120 mm x 64 mm | Colour chart set contains: Grey metallic (similar to RAL9006), Anthracite (similar to RAL7016), Black (similar to RAL9005), White (similar to RAL9010), Moonstone metallic

917.029

CONI COVER

CONI COVER is an elegant way of accessing separate power supply units or standard cable installation systems under the surface 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 lid 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 approx. 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 duct and furniture manufactures**
- **Ideal for retrofitting**
- **Integrated brush insert for closing even when cables are connected**
- **New: now includes matching tray and mount for the power strip**

Mounting frame dimensions (W x H x D): Large: 387 x 148 x 23 mm
Small: 248 x 148 x 23 mm
Dimensions of optional tray (W x H x D): 430 x 230 x 85 mm
Mounting depth of frame: 24 mm

Tabletop thickness: min. 16 mm
Material: steel sheet

Colour variants:

Perfect combination
Our STEP and UNIVERSAL power strips are easy to mount under the table and can be combined with CONI COVER (when used without a CONI COVER tray).

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

CONI COVER tray and accessories

#	
918.0753	CONI COVER tray	Mounted to tabletop using supplied screws	Material: aluminium	Black (anodised, similar to RAL9005)	Suitable for large CONI power strips
918.0752	CONI COVER textile tray	Additional protection for hanging cables	Combined with CONI COVER tray	Mounted using supplied screws	Black (similar to RAL9005)
918.0754	Rubber covers for CONI COVER tray (supplied in packs of 8)	Suitable for hole diameter 5 mm	Latching mechanism	Black (similar to RAL9005)

918.0753

918.0752

Colour guides

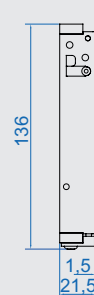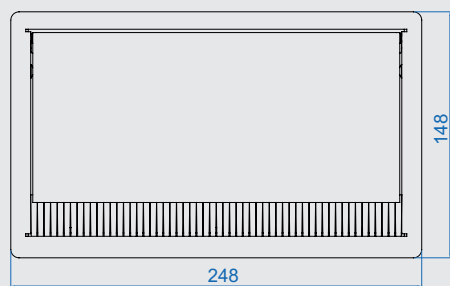| #	
917.029	Set of 5 colour charts	Chart size 120 mm x 64 mm	Colour chart set contains: Grey metallic (similar to RAL9006), Anthracite (similar to RAL7016), Black (similar to RAL9005), White (similar to RAL9010), Moonstone metallic

917.029

Integrated brush insert for closing once cables have been connected.

148

136

248

1,5
21,5

CONI COVER – Small | Dimensions in mm

Large CONI, CONI DUO and CONI COVER tray power strips

#	⊕	▯	⊙	⬡	⊕	↺	⎘	C
Power input: 0.2 m cable and GST18i3 plug								
912.008	5					35°		1
912.007	4					35°		2
912.006	3					35°		3
912.0168	2					35°	●	3
912.005	2					35°		4
912.004	1					35°		5
912.035	1			3		35°/0°		2
912.0221		4				90°		2
912.021		4				90°		1
912.022		3				90°		3
912.0280		2				90°	●	3
912.014			5			35°		1
912.013			4			35°		2
912.012			3			35°		3
912.0172			2			35°	●	3
912.011			2			35°		4
912.019				5		0°		2
912.018				4		0°		3
912.080				3		90°	●	3
912.017				2		0°		4
912.0931					3	35°		3
912.0242					2	35°	●	3
912.0056					2	35°		4
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

912.008

912.007

912.006

912.005

912.004

912.0280

912.0169

912.024

912.025

912.001

⚙ **Width:** approx. 356 mm
Material: anodised aluminium profile

C

Pictograms and their meaning can be found on page 299.

Small CONI and CONI DUO power strips

#	⊕	⊡	⊙	⬡	⊕	↺	⎘	C
Power input: 0.2 m cable and GST18i3 plug								
333.1007	3					35°		
912.0156	2					35°	●	
912.003	2					35°		1
333.1008	2					35°		2 x CAT6a RJ45
912.037*	1		1			35°/0°		1
912.0167	1					35°	●	1
912.002	1					35°		2
912.045		2				90°		1
912.1781		1				90°	●	1
912.0080		1				90°		2
912.016		1				0°		2
333.0500			3			35°		
912.010			2			35°		1
912.0171			1			35°	●	1
912.009			1			35°		2
912.015				3		0°		1
912.0400				2		0°	●	1
912.0071					2	35°		1
912.0055					1	35°		2
912.000						0°		3
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

333.1007

912.0156

912.003

333.1008

912.0167

912.002

912.000

912.023

⚙ **Width:** approx. 217 mm
Material: anodised aluminium profile

C

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): 255 x 169 x 58 mm
Material: Mounting frame: steel sheet
Socket: plastic, aluminium
Mounting depth of frame: 56 mm

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

Colour variants:

CONEO SET

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

900.400

900.405

900.403

📑 **Set of items:** frame with integrated power strip

169

255

56 1,5

140

Dimensions in mm

For suitable **device supply cables,** see from page 66.

C For suitable **Custom Modules,** see from page 172.

CONNECTION PANELS

POWER FRAME COVER

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

POWER FRAME COVER has an attractive aluminium cover, designed for stylish living and work environments, 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 mm
Material: aluminium
Mounting depth: 43 mm

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

Colour variants:
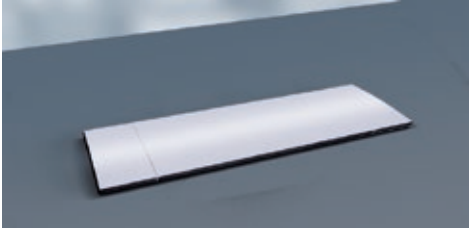
POWER FRAME COVER

#	⚏
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: 257 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

High-quality design piece
that protects from dust and dirt.

256,7

87,1

7,7

33,9

56
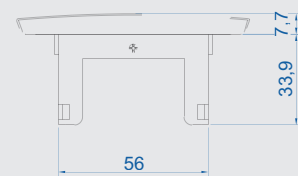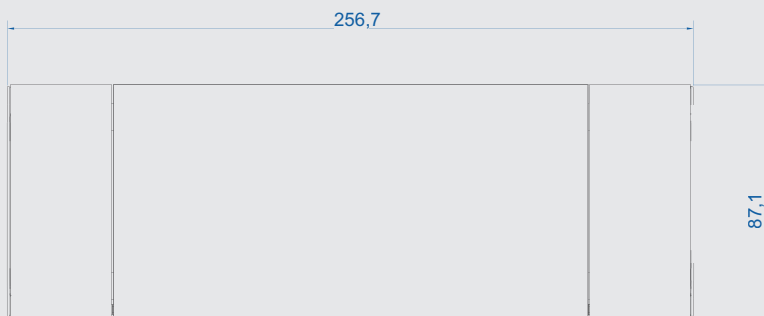
POWER FRAME COVER – Small | Dimensions in mm

For suitable **power strips,** see from page 124.

C For suitable **Custom Modules*,** see from page 172.

POWER FRAME

POWER FRAME is the compact solution for integrated and easily accessible power and data connections for workstations. It can be either factory-installed or supplied for subsequent assembly.

Combining compact dimensions with high-quality timeless design, POWER FRAME opens up virtually unlimited application options that go far beyond the realm of office workstations. It is also perfect for sales showrooms and display windows, as well as trade fair and demonstration stands. In short, wherever secure and rapid connections are the order of the day.

Your chosen power strip simply plugs into the mounting frame from below without tools – a stroke of perfection. POWER FRAME is the ideal solution when you need compactness and efficiency.

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: plastic, aluminium
Mounting depth: Mounting frame: 34 mm
Mounting frame incl. power strip + retaining bracket: 50 mm

Thickness of tabletop: min. 10 mm
Corner radius: R5
Socket colour: black

Colour variants:

Small POWER FRAME mounting frame
Colour: Grey metallic
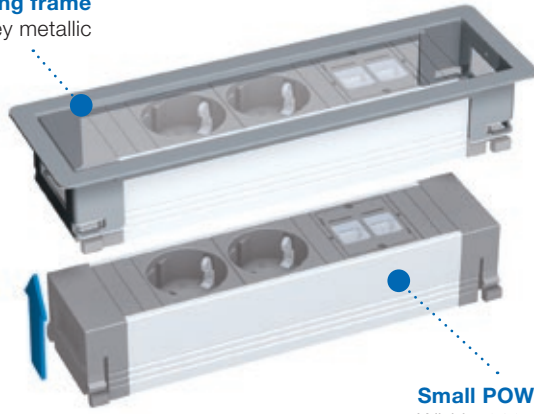
Small POWER FRAME power strip
Width: 262 mm

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)

317.000

317.001

915.000

915.001

Colour guides

#	⚏
917.029	Set of 5 colour charts | Chart size 120 mm x 64 mm | Colour chart set contains: Grey metallic (similar to RAL9006), Anthracite (similar to RAL7016), Black (similar to RAL9005), White (similar to RAL9010), Moonstone metallic

917.029

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

POWER FRAME – Small | Dimensions in mm

241
221
53
73
1.5
34
42,9

Aluminium POWER FRAME/POWER FRAME COVER power strips

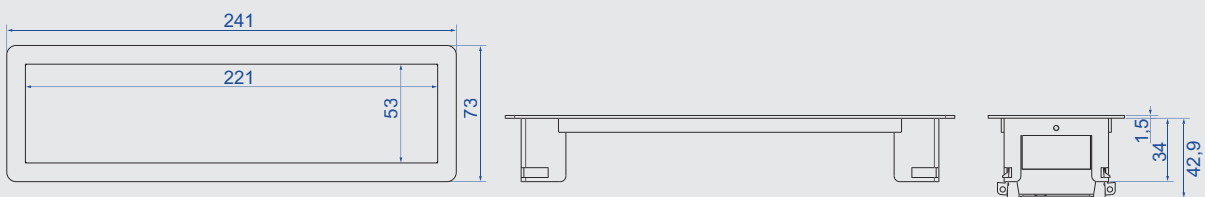| #	⊕	▯	⊙	⬡	⟲	🔌	C
Large | Width: 350 mm | Power input: 0.2 m cable and GST18i3 plug							
916.030	4				35°		2
916.007	3				35°		3
916.025	2				35°		4
916.086		3			90°		3
916.0361		3			90°		2
916.1110			4		35°		2
916.048			3		35°		3
916.023			2		35°		4
916.123				3	0°	●	3
916.024				3	0°		4
Medium |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

916.030

916.007

916.025

916.086

916.173

916.006

916.1000

916.0520

916.0516

916.0411

317.100

916.0040

916.000

916.0039

916.001

916.010

For suitable **device supply cables,** see from page 66.

C For suitable **Custom Modules*,** see from page 172.

Aluminium POWER FRAME/POWER FRAME COVER power strips

#	⊕	⊙	⊕	↺	⚡	C
Small | Width: 220 mm | Power input: 0.2 m cable and GST18i3 plug | Front: socket | Rear: socket						
317.101	2			35°		2 x CAT6 RJ45
916.020		2		35°		1
916.021			1	35°		2
Small | Width: 220 mm | Power input: 2.0 m cable with ferrules and mounting plug, included						
916.1192	3			35°		
916.1193	2			35°	●	
916.111		3		35°		
916.112		2		35°	●	

317.101

916.1192

916.1193

Plastic POWER FRAME/POWER FRAME COVER power strips

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

916.0601

317.117

916.060

916.061

CONNECTION PANELS

For suitable **device supply cables,** see from page 66.

C For suitable **Custom Modules*,** see from page 172.

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 in several lengths possible.

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

BENEFITS

- **Easily interchangeable 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 50 x 70 mm
Mounting depth without cable: 45 mm
Material: Lid: aluminium
Socket: plastic, aluminium

**Thickness of tabletop:** 10 – 40 mm
Socket colour: black

Colour variants:

KAPSA lids

#	⟐
Small | Width: 204 mm	
927.100	Stainless steel look
927.101	Black (painted, similar to RAL 9005)
927.102	White (painted, similar to RAL 9010)
927.103	Aluminium (anodised E6 / EV1)
X-small | Width: 151 mm	
927.300	Stainless steel look
927.301	Black (painted, similar to RAL 9005)
927.302	White (painted, similar to RAL 9010)
XX-small | Width: 68 mm	
927.500	Stainless steel look
927.501	Black (painted, similar to RAL 9005)
927.502	White (painted, similar to RAL 9010)

927.100

927.101

927.102

927.103

927.300

927.500

↻ **Lid can be changed**
and easily retrofitted.

204

188

70

5

45

51,4
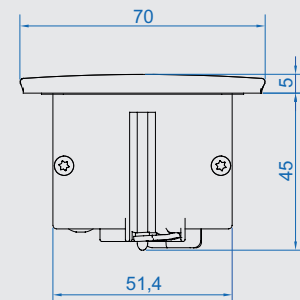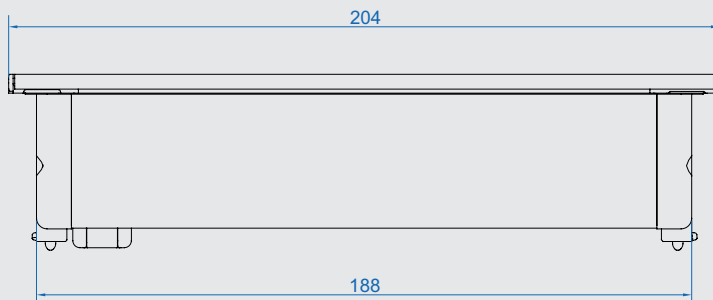
KAPSA – Small | Dimensions in mm

ⓘ   Other colour versions available on request

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

C   For suitable **Custom Modules*,** see from page 172.

Small KAPSA power strips

#	⊕	🔲	⊙	⬡	⊕	↻	⚡	C
Power input: 0.2 m cable with GST18i3	Width 204 mm							
927.050	3					35°		
927.051	2					35°	●	
927.052	2					35°		1
927.062	1					35°		2
927.058		2				90°		1
927.057		1				90°	●	1
927.053			3			35°		
927.054			2			35°	●	
927.055			2			35°		1
927.064			1			35°		2
927.059				3		0°		
927.060				2		0°	●	
927.061				2		0°		1
Power input: 2.0 m cable with ferrules and mounting plug	Width 204 mm							
927.000	3					35°		
927.001	2					35°	●	
927.002	2					35°		1
927.003			3			35°		
927.004			2			35°	●	
927.005			2			35°		1
927.009				3		0°		
927.010				2		0°	●	
927.011				2		0°		1
927.013					3	35°		
927.015					2	35°	●	
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°	●	
927.008		2 (13 A)				90°		1
927.007		1 (13 A)				90°	●	1

927.050

927.051

927.057

927.064

927.004

927.009

927.006

927.012

927.008

927.007

ⓘ   Power strip and lid must be ordered separately

For suitable **device supply cables,** see from page 66.

C   For suitable **Custom Modules*,** see from page 172.

X-small KAPSA power strips

#	⊕	⊡	⊙	⬡	↺	⊡⚡
Power input: 0.2 m cable with GST18i3 | Width 151 mm						
927.251	1				90°	●
927.257		1			90°	●
927.254			1		90°	●
927.260				1	0°	●
Power input: 2.0 m cable with ferrules and mounting plug | Width 151 mm						
927.200	2				90°	
927.201	1				90°	●
927.203			2		90°	
927.204			1		90°	●
927.209				2	0°	
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

#	⊕	⊡	⊙	⬡	↺	C
Power input: 2.0 m cable with ferrules and mounting plug | Width 68 mm						
927.400	1				90°	
927.402			1		90°	
927.404				1	90°	
927.410						1
Power input: 2.0 m cable with mounted UK plug | Width: 68 mm						
927.406		1			90°	

927.400

927.404

927.410

ⓘ   Power strip and lid must be ordered separately

CONNECTION PANELS

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 as in other areas. With its interchangeable covers, it can be colour-coordinated to its surroundings or create accents as desired, even after installation.

The split cover 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

- **Interchangeable 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**

AWARDS

DESIGN PLUS
powered by: light + building

Focus Open 2016
Special Mention

INNOVATIONSPREIS
ARCHITEKTUR + TECHNIK

Dimensions (W x H x D): 139 x 67 x 49 mm
Mounting depth without cable: 45 mm
Material: plastic
Thickness of tabletop: 10–40 mm

Socket colour: black
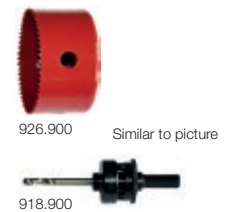
Lid colour variants:

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°	
929.030	1			90°	●
929.002			2	90°	
929.032			1	90°	●
Power input: 2.0 m cable with mounted UK plug					
929.004		2 (13A)		90°	
929.034		1		90°	●

929.010

929.030

929.002

929.032

929.004

929.034

DUE lid

#	⊟
929.100	Stainless steel look surface
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	Cutting depth up to 44 mm	Diameter 56 mm
918.900	Mounting tool for hole saw with centre drill

926.900   Similar to picture

918.900

Space-saving even when open.

139

67

ca.3,3

ca.45

ca.49

103

Dimensions in mm without lid

ⓘ   Power strip and lid must be ordered separately

C

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 into 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 cover 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**
- **Space-saving cable guide**
- **Integrated water run-off**

AWARDS

Dimensions (H x diameter): 42.5 x 115 mm	**Socket colour:** black
Mounting depth: 40 mm	**Colour variants:**
Tabletop thickness: as of 8 mm	
Material: Cover disc: metal	
Socket: plastic	

Watch the TWIST installation video on YouTube

TWIST

#	⊕	⊙	◇	▦	⚡	K
Stainless steel look | Power input: 2.0 m cable with ferrules and mounting plug, included						
931.000	2					
931.031	1				●	
931.002		2				
931.032		1			●	
931.008			2 (T23)			
931.030				2		
Matt chrome | Power input: 2.0 m cable with ferrules and mounting plug, included						
931.021	2					
931.016		2				
Matt chrome | Power input: 0.2 m cable and GST18 plug						
931.033	1				●	
931.001	1					2
931.034		1			●	
931.003		1				2
931.009			1 (T13)			2
Matt black (painted, similar to RAL9005) | Power input: 2.0 m cable with ferrules and mounting plug, included						
931.150	2					
931.131	1				●	
931.152		2				
931.132		1			●	
931.130				2		
Matt black (painted, similar to RAL9005) | Power input: 0.2 m cable and GST18 plug						
931.133	1					2
931.134		1				2
Matt white (painted, similar to RAL9010) | Power input: 2.0 m cable with ferrules and mounting plug, included						
931.250	2					
931.231	1				●	
931.252		2				
931.232		1			●	
931.280				2		
Matt white (painted, similar to RAL9010) | Power input: 0.2 m cable and GST18 plug						
931.233	1					2
931.234		1				2

931.000

931.031

931.032

931.030

931.021

931.001

931.150

931.250

More than 200 colours and different **gloss levels** available on request.

For suitable **device supply cables,** see from page 66.

K For suitable **Keystones,** see from page 175.

CONNECTION PANELS

Accessories

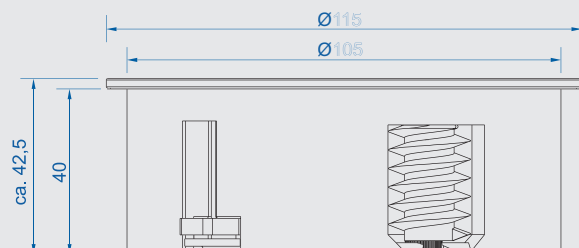| #	⚙
Hole saw	For installing TWIST
931.900	In wood/plastic	Cutting depth up to 44 mm	Diameter 105 mm
918.900	Mounting tool for hole saw with centre drill

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.

Ø115
Ø105

ca. 42,5

40

Dimensions in mm

LOOP IN

Cable glands are now even more exciting thanks to LOOP IN! The clever insert for LOOP ROUND, with its modern and elegant design, is fast and easy to install and, in addition to the practical cable gland function, it includes a socket outlet with earthing contact for different types of cables. Simply insert, lock and change as required. Perfect for any location where you require power but want to avoid a tangle of cables.

BENEFITS

- **Installed with ease and flexible to change as simple to insert and lock in LOOP ROUND**
- **4 cables can be guided through the LOOP IN in addition to the socket**
- **Lateral mounting in furniture possible**

LOOP IN

· Function insert for integration in LOOP ROUND | Suitable for 80 mm standard holes
· 1 x CEE 7/3 | 2 x cable glands diameter: 7 mm | 2 x cable glands diameter: 10 mm
· Power input: 2.0 m cable with mounted plug

#	⊟
938.001	Black (similar to RAL9005)
938.101	White (similar to RAL9003)

938.001

Dimensions (H x diameter): 89 x 75 mm	**Material:** plastic
Mounting depth: 90 mm	**Socket colour:** black

PIX

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 lounges or at home.

When used alone or in your chosen combination, the decorative rings are available in various colours and can be changed over. 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, the PIX meets design requirements exactly where you need it.

BENEFITS

- **Can be integrated on its own or in your chosen combination**
- **Interchangeable, coloured decorative rings**
- **Small mounting diameter of 56 mm**
- **Optionally with swivel-mounted lid**
- **Simple mounting from above, subsequent mounting possible**
- **Integrated water run-off**

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

Socket colour: black
Material: plastic

Colour variants:

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		
926.004				1	
926.010					1
With 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, included					
926.001	1				
926.003			1		
926.005				1	
With 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

926.002

926.010

926.007

Compact design and low built-in mounting depth ensure a space-saving installation.
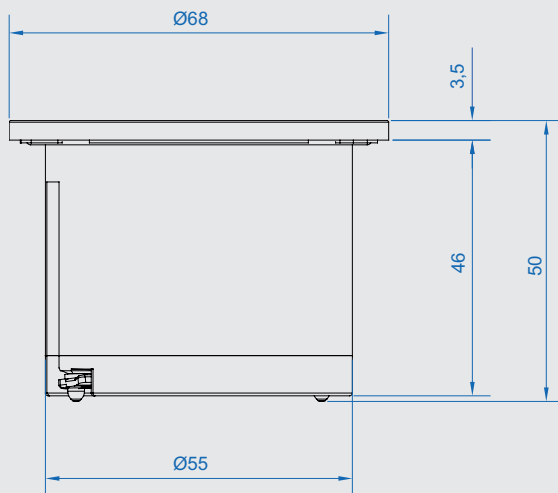
Ø68

3,5

46

50

Ø55

Dimensions in mm

For suitable **device supply cables,** see from page 66.

C For suitable **Custom Modules*,** see from page 172.

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 sets

#	⬚
926.200	**"classic"** | 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)
926.206	**"Stainless steel look"** | Stainless steel look decorative rings (in packaging unit of 25)
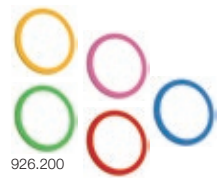
926.200

926.206

ⓘ   PIX decorative rings available in eight colour variants

Accessories

#	⚙

Hole saw | For installing PIX

926.900	In wood/plastic	Cutting depth up to 44 mm	Diameter 56 mm
918.900	Mounting tool for hole saw with centre drill

926.900   Similar to picture

918.900

CONNECTION PANELS

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 diameter): 230 x 114 mm
Mounting depth (without cable): 135 mm
Thickness of tabletop: 16 – 60 mm
Material: Profile: aluminium
          Socket material: plastic

Socket colour: black
Colour variants:

Watch the ELEVATOR installation video on YouTube

ELEVATOR

#	⊕	⊡	⊙	◇	▭	⊕	↺	⇥	K
Stainless steel look	Power input: 2.0 m cable with ferrules and mounting plug, included								
928.002	2						90°		
928.017	1						90°	●	
928.003	1			2			90°/0°		
928.021		1 (13A)					90°	●	
928.007			2				90°		
928.020			1				90°	●	
928.024				2 (T23)			90°		
928.063						1	35°	●	
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
928.026		1 (5A)					90°	●	
928.039		1 (5A)					90°		1 x CAT6 1 x USB 3.0 A
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

928.002

928.003

928.020

928.004

928.005

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

Ø 86
Ø 65
95
2
135
Ø 79
Ø 114
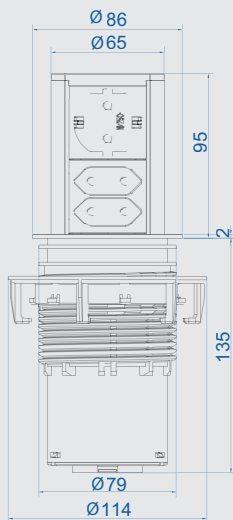
Dimensions in mm

With ELEVATOR, Keystones are not interchangeable!

For suitable **device supply cables,** see from page 66.

CONNECTION PANELS

Accessories

#	⚙

Hole saw | For installing ELEVATOR

| 928.900 | In wood/plastic | Cutting depth up to 44 mm | Diameter 79 mm |
| 918.900 | Mounting tool for hole saw with centre drill |

928.900   Similar to picture

918.900

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 201 x 129 mm	**Material:** aluminium, plastic

LIFT

LIFT is the totally practical combination of discerning design and high-precision mechanics. 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 looks all round**
- **Access points on four sides**
- **Incredibly compact dimensions**
- **Low mounting depth**
- **4 connecting units on one height unit**

Dimensions (H x diameter): 266 x 210 mm
Hole diameter: 140 mm
Mounting depth without cable: 184 mm
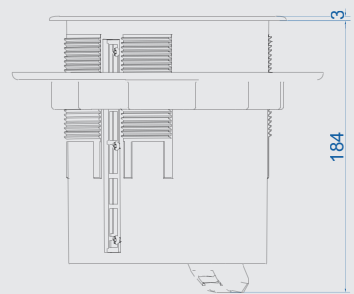**Material:** Housing and lid: plastic
　　　　　　Profile: aluminium

Thickness of tabletop: 10–60 mm
Socket colour: black

Colour variants:

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

Ø160

101

3

165

Ø140

Ø210

Ø210,25

Ø160

Ø127,5

3

184

Dimensions in mm

CONNECTION PANELS
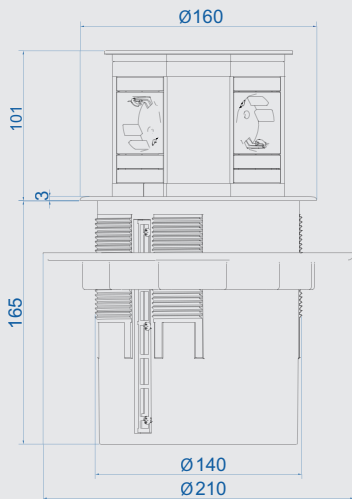
LIFT black

#	⊕	▣	⊙	⬡	↺	⚡	C
Power input: 0.5 m cable and GST18i3 plug							
904.000	4				35°		
904.020*		4			90°		
904.004			4		35°		
904.024*				4	0°		
Power input: 3.0 m cable and right-angled plug with earthing contact | Data cable 3.0 m							
904.001	3				35°		2 x CAT6
904.0001*	2				35°	●	2 x CAT6
904.002	2				35°		2 x CAT6 1 x VGA + miniature jack
904.003	2				35°		2 x CAT6 2 x USB
904.045	1				35°		2 x CAT6 1 x VGA + miniature jack 1 x HDMI
904.021*		3			90°		2 x CAT6
904.023*		2			90°		2 x CAT6 2 x USB
904.022*		2			90°		2 x CAT6 1 x VGA + miniature jack
904.005			3		35°		2 x CAT6
904.007			2		35°		2 x CAT6 2 x USB
904.006			2		35°		2 x CAT6 1 x VGA + miniature jack
904.025*				3	0°		2 x CAT6
904.026*				2	0°		2 x CAT6 1 x VGA + miniature jack
904.027*				2	0°		2 x CAT6 2 x USB
904.0100				2	0°		2 x CAT6 1 x HDMI

904.000

904.001

904.0001

904.002

904.003

904.045

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 right-angled plug with earthing contact	Data cable 3.0 m**				
904.009	3		35°	2 x CAT6
904.011	2		35°	2 x CAT6 2 x USB
904.010	2		35°	2 x CAT6 1 x VGA + miniature jack
904.052	1		35°	2 x CAT6 1 x VGA + miniature jack 1 x HDMI
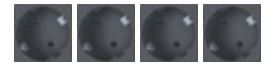
904.008
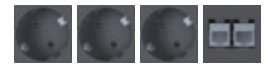
904.009
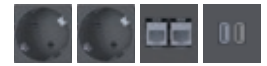
904.011

904.010

904.052

Accessories

#	⚙
**Hole saw	For installing LIFT**	
904.900	Hole saw for wood/plastic	Cutting depth 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 tabletops. The WIRELESS CHARGER is placed into a cut-out 79 mm in diameter and secured from below in the tabletop using clamping claws.

BENEFITS

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

Dimensions (H x diameter): 17 x 90 mm
Hole diameter: 79 mm
Material: Housing: plastic

Colour variants:

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	Mounting 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 equipped 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 in 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

Dimensions (W x H x D): *see table* x 85 x 100 mm		**Socket colour:** black
Material: Profile: aluminium		**Colour variants:**
Socket: plastic		
Tabletop thickness: 10 – 40 mm		

DESK 2 power strips – white, similar to RAL9010

#	(Schuko)	(UK)	(socket)	(socket)	(socket)	↺	(cable)	C	↔
Without device supply cable	Power input: 0.2 m with GST18	Including mounting bracket							
902.202	3					35°		3	324 mm
902.201	3					35°		2	282 mm
902.200	3					35°		1	239 mm
902.2048	3					35°			197 mm
902.229	2					35°	●	2	282 mm
902.228	2					35	●	1	241 mm
902.211	2					35°		2	239 mm
902.203	2					35°		1	197 mm
902.380	1					35°	●		155 mm
902.214		4				45°			317 mm
902.231		2				45°	●	1	274 mm
902.207		2				45°		2	274 mm
902.206		2				45°		1	239 mm
902.213		2				45°			197 mm
902.205			3			35°		2	282 mm
902.204			3			35°		1	239 mm
902.232			2			35°	●	1	239 mm
902.3641			1			35°	●		155 mm
902.209				3		90°		2	282 mm
902.208				3		90°		1	239 mm
902.230				2		90°	●	2	282 mm
902.220					3	35°		2	317 mm
902.272					2	35°	●	1	275 mm

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

#	(Schuko)	(UK)	(socket)	(socket)	(socket)	↺	C	↔
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
902.301	3					35°	1 x CAT6 coupling socket/socket 1 x USB A/A 3.0 Keystone module	239 mm
902.300	3					35°		197 mm

902.201

902.2048

902.229

902.228

902.211

902.203

902.214

902.231

902.207

902.206

CONNECTION PANELS

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

For suitable **device supply cables,** see from page 66.

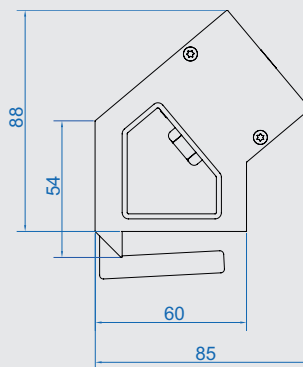[C] For suitable **Custom Modules,** see from page 172.

DESK 2 power strips – stainless steel

#	⊕	▣	⊙	⬯	⊛	↻	⇥	Ⓒ	↤→
Without device supply cable	Power input: 0.2 m with GST18	Including mounting bracket							
902.402	3					35°		3	324 mm
902.401	3					35°		2	282 mm
902.400	3					35°		1	239 mm
902.4048	3					35°			197 mm
902.429	2					35°	●	2	282 mm
902.428	2					35°	●	1	241 mm
902.411	2					35°		2	239 mm
902.403	2					35°		1	197 mm
902.5712	1					35°	●		155 mm
902.431		2				45°	●	1	274 mm
902.407		2				45°		2	274 mm
902.406		2				45°		1	239 mm
902.405			3			35°		2	282 mm
902.404			3			35°		1	239 mm
902.432			2			35°	●	1	239 mm
902.5711			1			35°	●		155 mm
902.409				3		90°		2	282 mm
902.408				3		90°		1	239 mm
902.430				2		90°	●	2	282 mm
902.448					3	35°		2	319 mm

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

#	⊕	▣	⊙	⬯	⊛	↻	⇥	Ⓒ	↤→
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	3					35°		1 x CAT6 coupling socket/socket 1 x USB A/A 3.0 Keystone module	239 mm
902.500	3					35°			197 mm

902.402

902.400

902.4048

902.429

902.403

902.430

902.502

902.501

| For suitable **device supply cables,** see from page 66. | Ⓒ For suitable **Custom Modules,** see from page 172. |

CONNECTION PANELS

DESK 2 power strips – black, similar to RAL9005

#	⊙	▣	⊙	⬦	⊕	↻	▭	C	↤→
Without device supply cable | Power input: 0.2 m with GST18 | Including mounting bracket									
902.602	2					35°	●	1	241 mm
902.705	1					35°	●		155 mm
902.611		2				45°	●	1	283 mm
902.726		1				45°	●		198 mm
902.603			2			35°	●	1	239 mm
902.706			1			35°	●		155 mm
902.600				2		90°	●	1	261 mm
902.725				1		90°	●		155 mm
902.727					3	35°	●	1	325 mm
902.613					2	35°	●	1	275 mm

902.602

902.726

902.603

↓↑ **Can be adjusted to different tabletop thicknesses** using mounting brackets.

88
54
60
85

Dimensions in mm

For suitable **device supply cables,** see from page 66.

[C] For suitable **Custom Modules,** see from page 172.

DESK 2 ALU BLACK

DESK 2 ALU BLACK

· Profile colour: grey
· End cap colour: black

#	⊕	⊡	⊙	⬭	↺	⊷	C	↤→↦
Without device supply cable	Power input: 0.2 m with GST18	Including mounting bracket						
937.001	2				35°	●	1	241 mm
937.102	1				35°	●		155 mm
937.004		2			45°	●	1	284 mm
937.105		1			45°	●		199 mm
937.002			2		35°	●	1	241 mm
937.103			1		35°	●		155 mm
937.003				2	90°	●	1	262 mm
937.104				1	90°	●		155 mm

937.001

937.002

937.105

937.003

DESK 2 is secured to the furniture in a space-saving manner with aluminium mounting brackets, cables are routed behind the screen.
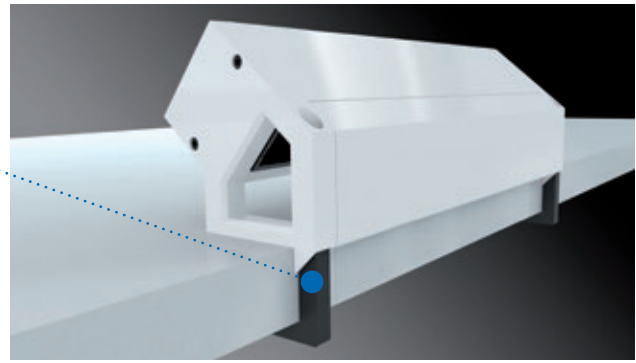
Particular attention has been paid to the design of DESK 2. In terms of technology, DESK 2 has a modular structure, just like its predecessor DESK 1. Like all other BACHMANN desk connection panels with media and data modules, DESK 2 is adapted to individual requirements and future purposes using BACHMANN Custom Modules.

DESK 2 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 stainless steel
918.124	Plastic painted in black, similar to RAL9005
DESK 2 adhesive base	2 x TESA POWER STRIP	
918.110	2 x adhesive base set, plastic, painted in white similar to RAL9010
918.111	2 x adhesive base set, plastic, painted in stainless steel
918.122	2 x adhesive base 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 | Contents: 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 mounting brackets are suitable for tabletop 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 74 x 93 mm
Material: anodised aluminium profile
        Socket: plastic

Socket colour: black

Colour variants:

DESK 1 power strips – without cable

Power input: GST18 | Power output: GST18

#	⏚	⊡	⏣	⬡	⏥	↻	I/O	⚡	C	↔
902.0049	4					35°				271 mm
902.0050	3					35°	●			271 mm
902.017	3					35°	●			324 mm
902.003	3					35°			4	409 mm
902.002	3					35°			3	366 mm
902.001	3					35°			2	324 mm
902.000	3					35°			1	281 mm
902.0048	3					35°				229 mm
902.0183	2					35°		●	2	324 mm
902.0182	2					35°		●	1	281 mm
902.0192	2					35°		●		281 mm
902.0382	1					35°		●		197 mm
339.1020		4				45°				356 mm
902.0261		2				45°		●	2	359 mm
902.0184		2				45°		●	1	316 mm
902.166		2				45°		●		274 mm
902.0089		2				90°			3	344 mm
902.024		2				45°			2	346 mm
902.1017		2				45°			1	276 mm
339.1018		2				45°				229 mm
902.1076			4			35°				271 mm
902.007			3			35°			4	409 mm
902.006			3			35°			3	366 mm
902.005			3			35°			2	365 mm
902.004			3			35°			1	281 mm
902.1313			3			35°				229 mm
902.0562			2			35°		●	2	324 mm
902.0185			2			35°		●	1	281 mm
902.068			2			35°		●		239 mm
902.1309			1			35°		●		189 mm
339.110				4		0°				242 mm
902.010				3		0°			3	344 mm
902.009				3		0°			2	301 mm
902.008				3		0°			1	258 mm
902.1804				3		0°				229 mm
902.0161				2		90°		●	2	324 mm
902.0578				2		90°		●	1	301 mm
902.1992				2		0°		●		239 mm
902.0914					3	35°			1	298 mm
902.0179					2	35°		●	1	293 mm

902.0049

902.0050

902.017

902.003

902.002

902.001

902.000

902.0183

902.0182

902.0192

339.1020

339.1018

CONNECTION PANELS

ℹ️ Standard items are supplied without mounting brackets

For suitable **device supply cables,** see page 66 onwards.

C For suitable **Custom Modules,** see page 172 onwards.

DESK 1 power strips – with cable

#	⊕	⊡	⊙	◇	↺	▣	⊞	C	↤→
Power input: 1.0 m with GST18									
902.0096	3				35°			2	324 mm
902.054	3				35°			1	281 mm
902.0245	2				35°		●	2	324 mm
902.0243	2				35°		●	1	281 mm
902.0250		2			45°		●	2	359 mm
902.0260		2			45°		●	1	316 mm
902.026		2			45°			2	346 mm
902.1432		2			45°			1	276 mm
902.0222			3		35°			2	324 mm
902.0234			3		35°			1	281 mm
902.0142			2		35°		●	2	324 mm
902.0168			2		35°		●	1	281 mm
902.0221				3	90°			2	301 mm
902.0220				3	90°			1	317 mm
902.0219				2	90°		●	2	324 mm
902.0218				2	90°		●	1	314 mm

Power input: 3.0 m | With right-angled plug with earthing contact | Including standard mounting bracket and screws

#	⊕	⊡	⊙	◇	↺	▣	⊞	C	↤→
339.1000	4		35°						268 mm
339.1001	3		35°			●			268 mm

902.0096

902.054

902.1432

902.0234

339.1000

339.1001

DESK 1 power strips – equipped

#	⊕	↺	C	↤→
**Power input: GST18i3 plug	Power output: GST18i3 socket	Incl. standard mounting bracket and screws**				
339.1005	3	35°	2 x CAT6a RJ45, front: socket/back: socket 1 x VGA, 15-pole + miniature jack, 3.5 mm	296 mm
339.1006	3	35°	2 x CAT6a RJ45, front: socket/back: socket 1 x USB A/A socket	325 mm
339.1004	3	35°	2 x CAT6a RJ45, front: socket/back: socket	284 mm
339.1002	3	35°		229 mm

339.1005

339.1006

339.1004

Individual equipment
entirely according to your wishes.
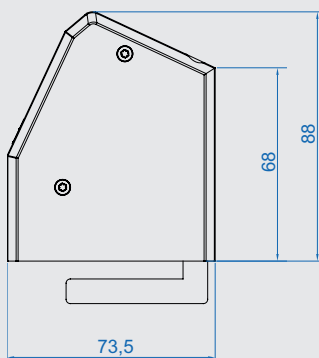
68
88
73,5

Dimensions in mm

For suitable **device supply cables,** see from page 66.

C For suitable **Custom Modules,** see from page 172.

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 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 tabletop or placed in a duct underneath.
The integrated Wieland connection system allows multiple power strips to be connected in series in compliance with standards.

CONNECTION PANELS

Accessories

#	⚏
918.001	**Mounting brackets, narrow for tabletop thickness up to 50 mm** Stainless steel, material thickness 3 mm	Contents: 2 stainless steel mounting brackets, 2 M5 x 45 mm Allen bolts
930.120	**Mounting brackets, standard for tabletop thickness up to 50 mm** Anodised aluminium, material thickness approx. 9 mm	Contents: 2 x mounting clamps, anodised aluminium profile, 2 x Allen bolts M5 x 60 mm
930.180	**Mounting brackets, long for tabletop thickness up to 80 mm** Long mounting bracket 50–80 mm	Contents: 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 tabletop thicknesses over 15 mm** Contents: 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 Contents: 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): 457 – 585 x 69 x 91 mm
Material: Profile: aluminium
Socket colour: black

Colour variants:

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			
923.008	4		●
923.007	4		
923.012		4	●
923.011		4	

923.006

923.010

923.008

923.007

923.012

923.011

Individual adjustment of installation height
to your specifications.

91

585

69

42

66.5

457

128
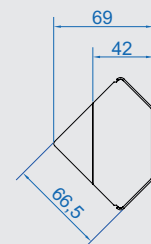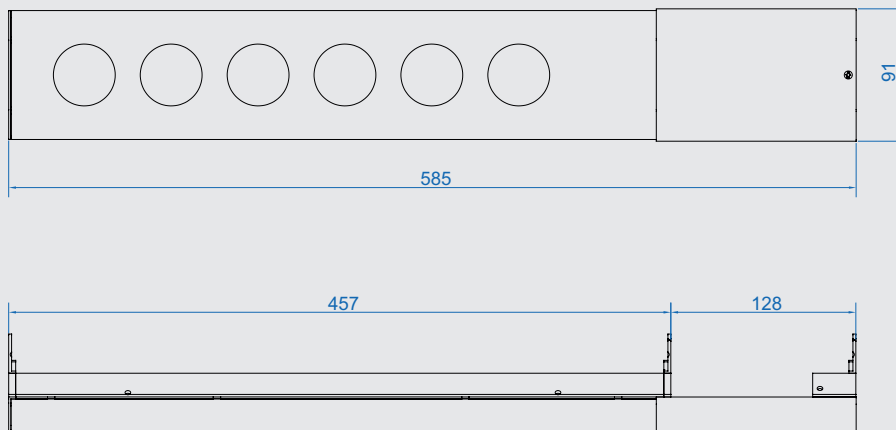
Dimensions in mm

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 from the 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

1

Basic unit for all
LanLight® components
924.1016

Floor box versions   **Patch version**

2

Connecting plate
924.4000

**Earthing contact
connecting plate**
924.4002

**Media
connecting plate**
924.4003

**Patch column
mount**
924.1041

3

**Set of lift-off
lids can also
be mounted
as floor outlet
without stage 2.**

Set of lift-off lids
924.1018

Set of lift-off lids
924.1038

Twist-off lid
924.1046

Patch column
924.5002 | 924.5003

Mini patch column
924.6000

4

Lamps are available
from our partner
LUDWIG Leuchten on
request.

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

924.1016

Stage 2: LanLight® inserts

#	⚙

Connecting plates for fitting in set of LanLight® lift-off lids

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 sockets, fitted, incl. 0.2 m H05VV-F3G 2.5 mm² supply cable to GST18i3 plug · Coded connections (data 1-8, current A-D) · Diameter: 114.8 mm

924.4001

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 · Diameter: 114.8 mm

924.4000

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

924.4009

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

924.4002

924.4003	**Media connecting plate for 3 x Custom Modules 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

924.4003

924.4004	**Media connecting plate for 3 x Custom Modules and 3 x power with breakout cable and GST18i3 plug** · Accommodates up to 3 BACHMANN Custom Modules · 3 x Wieland GST15i3 installation sockets, 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

924.4004

Patch column mount

924.1041	**Patch column mount** · Used to directly mount the LanLight® columns · For 924.5002, 924.5003 and 924.6000

924.1041

K	For suitable **Keystones,** see from page 175.

C	For suitable **Custom Modules,** see from page 172.

Pictograms and their meaning can be found on page 299.   LanLight® is a trademark of Bierbrauer Hoff Planungsgesellschaft mbH

CONNECTION PANELS

Stage 3: Lid variants

#	⯐

Lift-off lid 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 gland · With labelling card for connections · With stainless steel inlay · Insert diameter: internal 49 mm, external 142 mm · Lift-off lid diameter 146.4 mm, lid guide diameter 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 gland · With labelling card for connections · For gluing into dry surfaces with thicknesses of 5 mm or 8 mm (e.g. carpet, laminate) · Insert diameter: internal 49 mm, external 142 mm, lining depth 5 mm or 8 mm · Lift-off lid diameter 146.4 mm, lid guide diameter 128.8 mm

Twist-off lid 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 diameter: internal 139 mm

924.1018

924.1038

924.1046

Stage 3: LanLight® extension units

#	⯐

Column for 1-2 workplaces

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 workplaces

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

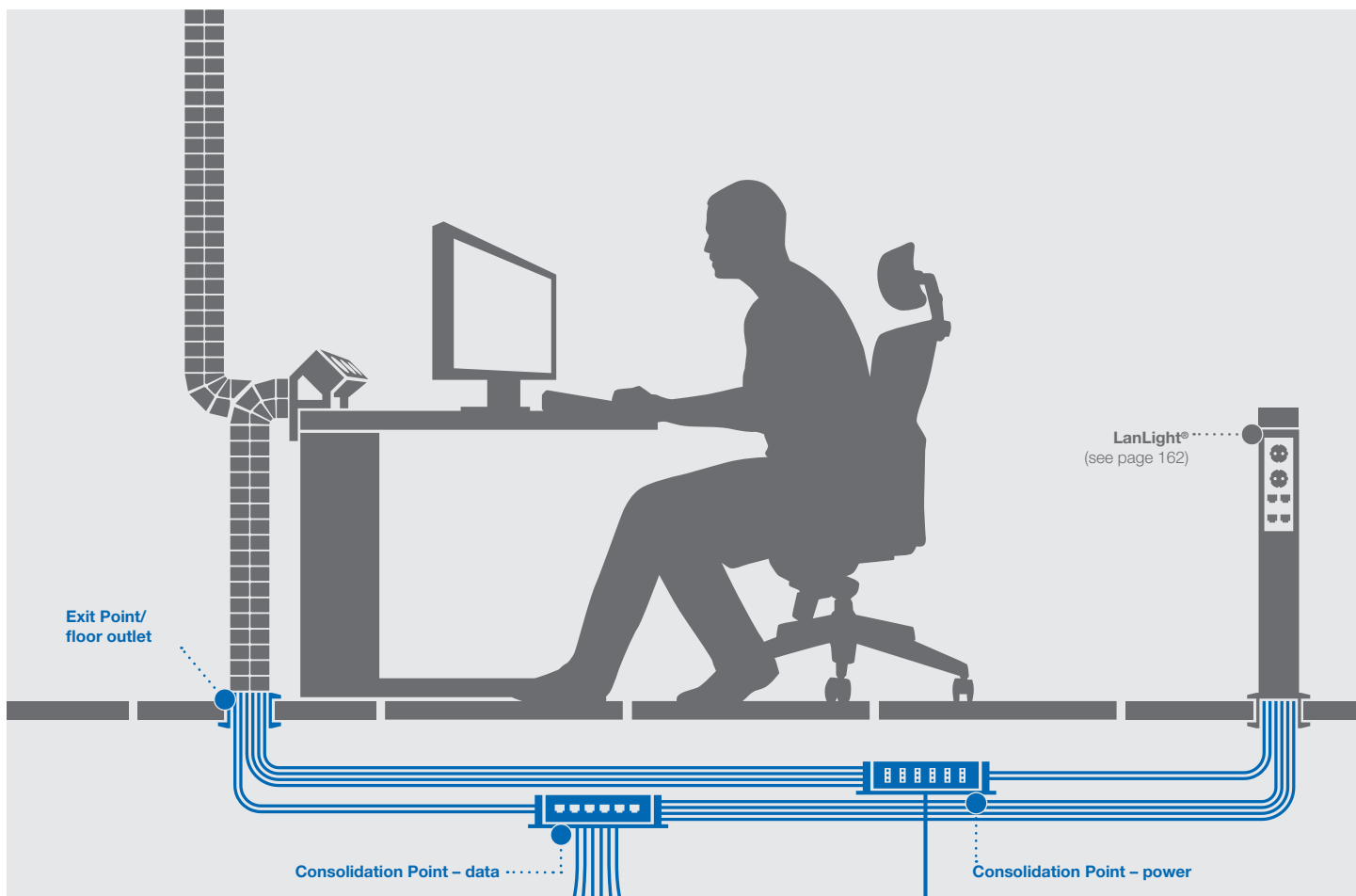| 924.6000	**Mini patch column 2S** · Mini patch column for simple mounting on the LanLight® conical holder (924.1041) · 2 socket outlets with earthing contact (2-phase) · Coded connections (current A-B) · 30 mm surge water protection · 2 x 0.2 m breakout cable H05VV-F3G 2.5 mm² and GST18i3 plug including 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

F   R
924.5002

F   R
924.5003

F   R
924.6000

CONNECTION PANELS

LanLight®
(see page 162)

Exit Point/
floor outlet

Consolidation Point – data

Consolidation Point – power

Consolidation Point

BACHMANN's 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. You will receive a user-oriented connection unit.

In our complete catalogue, you can also find various tabletop power 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**

Floor distributor Power & data

Current

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
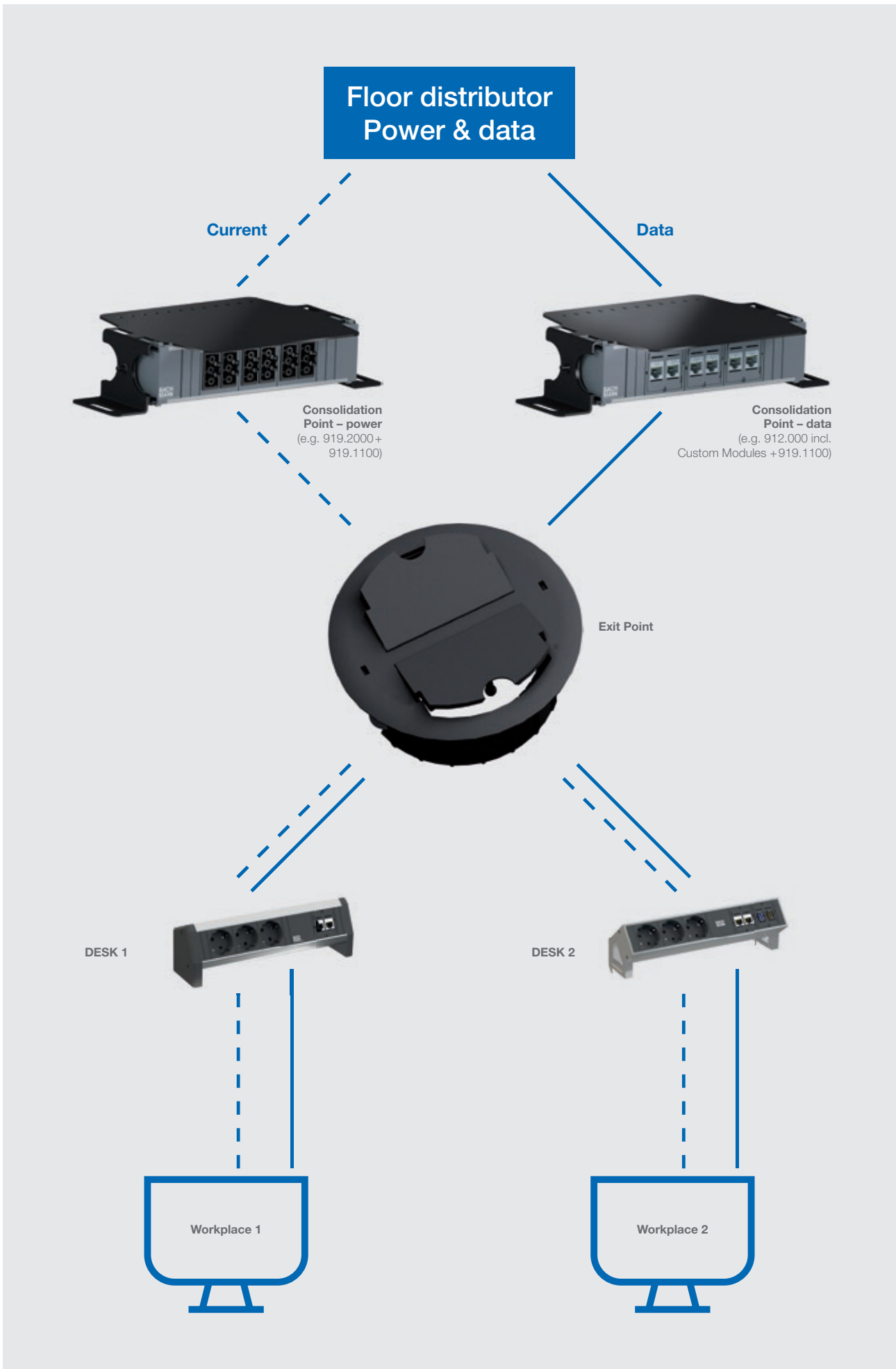
Consolidation Point units for power

· 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 sockets, 2-phase Sockets in black and red Power input: GST18i3
919.2004	3 x 4-way GST18i3 sockets, 3-phase Sockets in black, red and grey Power input: 3 x GST18i3
919.2005	3 x 4-way GST18i3 sockets, 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 sockets, 2-phase Sockets in black and red Power input: GST18i3

919.2002

919.2003

919.2004

919.2005

919.2000

919.2001

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 replacement be necessary, only the data connector unit is 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

912.001

912.000

[C]

CONNECTION PANELS

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 table. 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 lid 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 by approx. 130°, for cable outlet
· Material of floor outlet: polyamide (halogen-free)

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

919.1000

CONNECTION PANELS

Network and media technology

Custom Modules

Active media technology components

Data cables

Audio/video cables

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 easily interchangeable 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. The small number of components makes 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

Torx T6 screwdriver

C

Custom Module

Connector panel with
Custom Module inserts
(e.g. DESK 2)

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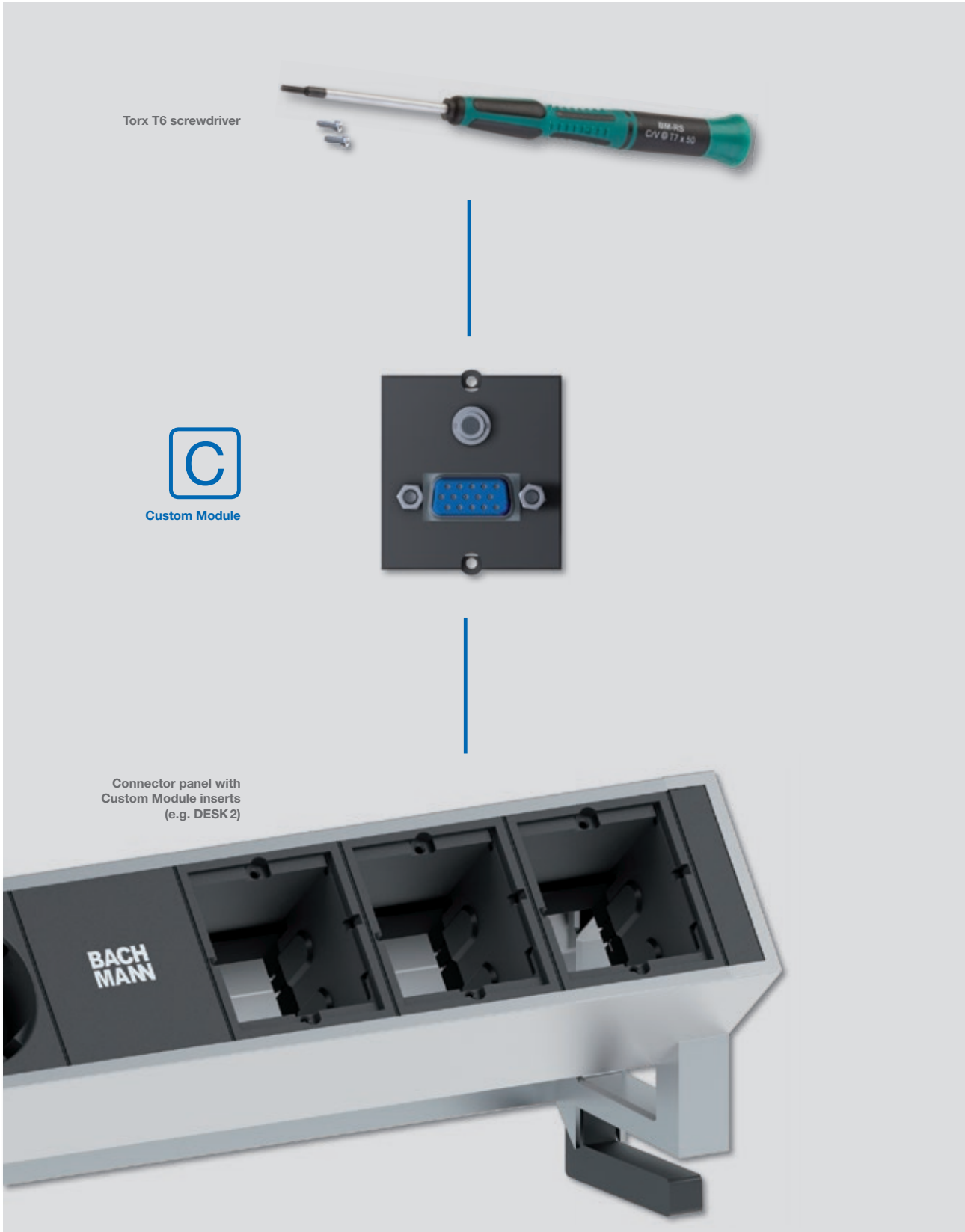
You will find 19" Custom Module panels 1.5 U art. no. 903.003 on page 35.

Variant 2: Custom Module with Keystone mount

Torx T6 screwdriver

K

Keystone

C

Custom Module with Keystone mount

Connector panel with Custom Module inserts (e.g. DESK 2)

BACH MANN

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

NETWORK AND MEDIA TECHNOLOGY
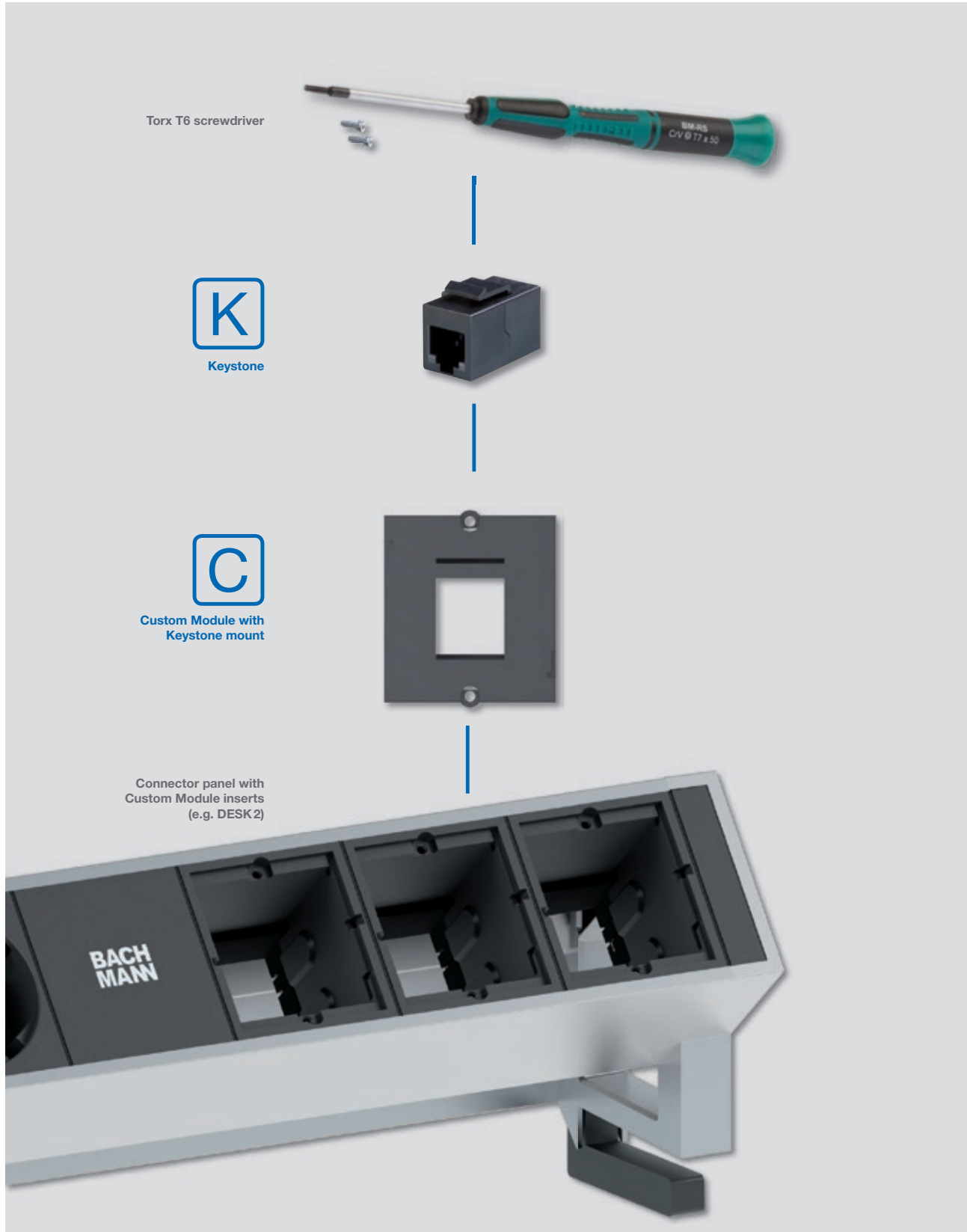
Keystones

Keystones socket/socket

#	⬚	
940.044		**CAT6 class E$_A$ coupling socket/socket**	For 10 Gbit Ethernet	Type: METZ CONNECT E-DAT	Front: RJ45 (Keystone fixing)	Back: RJ45 (E-DAT mounting)	Shielded
940.083		**CAT6a 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
940.085		**ISDN RJ12 socket/socket**	Front: RJ12 (Keystone fixing)	Back: RJ12 (Keystone fixing)	Unshielded
918.032		**CAT6 90° coupling socket/socket	90° outlet on side**, only compatible with power strips with lateral 90° outlet	Type: METZ CONNECT (E-DAT) I Front: RJ45 (Keystone fixing)	Back: RJ45 (E-DAT mounting)	Shielded

940.044

940.083

940.112

940.085

918.032

Keystones socket/supply cable

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

918.033

918.035
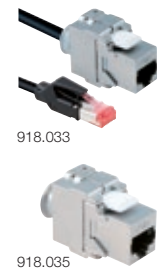
Keystones for media technology

#	⬚	
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

NETWORK AND MEDIA TECHNOLOGY

ⓘ For suitable data cables, see page 198.

Ⓒ For suitable **Custom Modules with Keystone mount,** see page 177.

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 A socket | Back: USB A socket

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

918.071

918.073

918.045

918.072

NETWORK AND MEDIA TECHNOLOGY

C For suitable **Custom Modules with Keystone mount,** see page 177.

i **PLEASE NOTE:** only Keystones/Custom Modules with an even flush can be used in combination with PIX/KAPSA/DUE with lid and POWER FRAME COVER! For compatibility, see from page 189.

Keystone mount

Custom Modules with Keystone mount

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

917.000   917.158

917.001   917.159

917.061   917.062

917.038   917.006

917.003

917.005

917.153

917.007

917.039   917.008

NETWORK AND MEDIA TECHNOLOGY

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

K   For suitable **Keystones,** see from page 175.

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 class E$_A$ coupling, for 10 Gbit Ethernet, shielded; art. no.: 940.044	●	●	●	●								
CAT6 coupling, unshielded; art. no.: 940.112	●	●										
ISDN RJ12 socket, unshielded; art. no.: 940.085 (use of 2x 940.085 and 1x 940.085 and 1x 918.045 next to one another in a Custom Module with mount for 2 Keystones not possible)	●	●	●	●								
CAT6a 10 GB socket TKM, shielded, for connection by user; art. no.: 918.035	●	●	●	●								
CAT6a 10 GB socket TKM, shielded, with 3.0m cable and RJ45 plug; art. no.: 918.033	●	●	●	●								
CAT6a 10 GB 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 (use of 2x 918.045 and 1x 918.045 and 1x 940.085 next to one another in a Custom Module with mount for 2 Keystones not possible)	●	●										
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	●	●	●	●								
CAT6A 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 KS, shielded; cat. 6$_A$, GHMT-PVP-certified, 10 gigabits: ISO art. no.: 6920 0052/P.1	●	●	●	●								
RJ45 socket KS, shielded; cat. 6$_A$, 10 gigabits; art. no.: 6920 0052.1	●	●	●	●								
RJ45 socket KS, shielded; class E$_A$, 10 gigabits; art. no.: 6920 1052.1	●	●	●	●								
RJ45 socket KS, shielded; cat. 6A, 10 gigabits; art. no.: 6920 4052.1	●	●	●	●								
RJ45 socket KS, shielded; cat. 6, 1 gigabit; art. no.: 6920 0022.1	●	●	●	●								
RJ45 socket KS, shielded; class E PL, 1 gigabit; art. no.: 6920 1022.1	●	●	●	●								
RJ45 socket KS, unshielded; cat. 6, tool-free connection, 1 gigabit; art. no.: 6920 0110	●	●										
RJ45 socket KS, unshielded; cat. 6, 1 gigabit; art. no.: 6920 0112	●	●	●	●								
RJ45 socket KS, unshielded; cat. 5e, tool-free connection, 1 gigabit; art. no.: 6920 0120	●	●										
RJ45 socket KS, unshielded; cat. 5e, 1 gigabit; art. no.: 6920 0122	●	●	●	●								
RJ45 coupler KS, shielded; class E$_A$, 10 gigabits; art. no.: 6925 1052	●	●	●	●								
RJ45 coupler KS, shielded; class E PL; 1 gigabit; art. no.: 6925 1022	●	●	●	●								
COMMSCOPE*												
AMP-TWIST 6S SL Jack; art. no.: PN 0-1711160-1	●	●	●	●								
AMP-TWIST 6AS SL Jack; art. no.: PN 0-1711592-1	●	●										

* 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
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.: 712045	•	•										
S1200 module cat.7; art. no.: 196001											•	•
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 C6A (IEC) TIA-A/B; art. no.: 440005	•	•	•	•								
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/ClassEA; 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® Slim cat.6A RJ45 Keystone; art. no.: E-20095	•	•	•	•								
Cat.6A/class EA RJ45 Keystone, angled; art. no.: E-20074	•	•	•	•								
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 Keystone socket module 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	•	•	•	•								

NETWORK AND MEDIA TECHNOLOGY

* 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
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	•	•	•	•								
$C6_A$ module 270°; art. no.: 130 B12-E					•	•						
$C6_A$ module 90°; art. no.: 130 B13-E					•	•						
$C6_A$ module K 270°; art. no.: 130 B22-E	•	•	•	•								
$C6_A$ module K 90°; art. no.: 130 B23-E	•	•	•	•								
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 N429.627	•	•	•	•								
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										•	•	
Connection module cat. 6_A EL, 1xRJ45/s; art. no.: R813504									•			
Connection module cat. 6_A, 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 rw; art. no.: 170 106 53	•	•	•	•								
KMK-USB rw; 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	•	•	•	•								
SeSix eXtra cat 6A Keystone jack (XAKJ) category 6A; RJ45; shielded; art. no.: 501415/501415 D	•	•	•	•								
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	•	•	•	•								

NETWORK AND MEDIA TECHNOLOGY

* Name and product designation of the respective manufacturer

Audio / image transmission

Custom Module VGA, jack, HDMI

#	☰
917.226	Custom Module equipped with: Breakout cables approx. 0.2 m, socket-socket, for VGA | Audio (3.5 mm stereo jack) | HDMI (Keystone clip) | Requires approx. 110 mm mounting depth

917.226

917.045

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
917.058	**90° outlet on side**, only compatible with power strips with lateral 90° outlet I Front: socket VGA and 3.5 mm stereo miniature jack | Back: socket VGA and 3.5 mm stereo miniature jack with approx. 0.2 m cable | Requires approx. 40 mm mounting depth | Black

917.071

917.073

917.150

917.058

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 + RJ12 socket 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. 65 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.

ⓘ **PLEASE NOTE:** only Keystones/Custom Modules with an even flush can be used in combination with PIX/KAPSA/DUE with lid and POWER FRAME COVER! For compatibility, see from page 189.

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Custom Module 1 x DVI-I + miniature jack

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

917.078

Custom Module 1 x HDMI

#	⚏
917.143	Black | Front: HDMI socket | Back: 2 x 9-pole (HDMI) screw terminal | Requires approx. 40 mm mounting depth
917.183	White | Front: HDMI socket | Back: 2 x 9-pole (HDMI) screw terminal | Requires approx. 40 mm mounting depth
917.146	**90° outlet on side**, only compatible with power strips with lateral 90° outlet I Black I Front: HDMI socket I Back: HDMI socket | Requires approx. 35 mm mounting depth

917.143

917.183

917.146
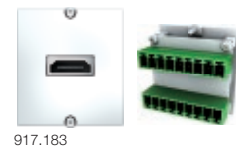
Custom Module 1 x HDMI + miniature jack

#	⚏
917.189	**90° outlet on side**, only compatible with power strips with lateral 90° outlet I Front: HDMI socket and 3.5 mm stereo miniature jack | Back: HDMI socket and 3.5 mm stereo miniature jack with approx. 0.2 m cable | Requires approx. 65 mm mounting depth | Black

917.189

Custom Module 1 x DisplayPort

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

917.145

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

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

ⓘ **PLEASE NOTE:** only Keystones/Custom Modules with an even flush can be used in combination with PIX/KAPSA/DUE with lid and POWER FRAME COVER! For compatibility, see from page 189.

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

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

917.028

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

#	
917.035	Front: S-video + Cinch video (yellow) socket	Back: S-video + Cinch video socket without cable	Black
917.083	Front: S-video + Cinch video (yellow) socket	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
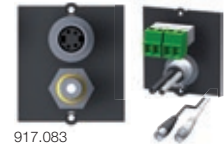
917.083

Custom Module 1 x Cinch video RGB

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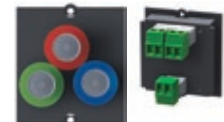
917.088

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

NETWORK AND MEDIA TECHNOLOGY

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

i **PLEASE NOTE:** only Keystones/Custom Modules with an even flush can be used in combination with PIX/KAPSA/DUE with lid and POWER FRAME COVER! For compatibility, see from page 189.

Custom Module 1 x Cinch audio stereo

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

#	
917.022	Black | Back: Cinch audio stereo (red + white) socket 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: Cinch audio stereo (red + white) socket | 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: 6.3 mm audio stereo jack socket | 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: XLR 3-pole microphone socket | 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: XLR socket
· 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.

> ⓘ **PLEASE NOTE:** only Keystones/Custom Modules with an even flush can be used in combination with PIX/KAPSA/DUE with lid and POWER FRAME COVER! For compatibility, see from page 189.

Custom Module 1 x XLR plug

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

#	⚏
917.095	**3-pole**	Black
917.100	**5-pole**	Black

917.095

917.100

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

#	⚏
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

917.094
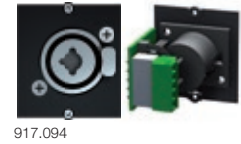
Custom Module 1 x loudspeaker connection

· Black

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

917.102

917.110

917.114

Custom Modules for Rextron HDBaseT

· 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 DisplayPort, 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.

ⓘ **PLEASE NOTE:** only Keystones/Custom Modules with an even flush can be used in combination with PIX/KAPSA/DUE with lid and POWER FRAME COVER! For compatibility, see from page 189.

NETWORK AND MEDIA TECHNOLOGY

Data transmission

917.141

917.182

917.018

917.019

917.037

917.122

917.059

Custom Modules data transmission

#	⇄	
917.141	**2 x USB 2.0 A/A**	Black	Front: 2 x USB A socket	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 USB A socket	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 FireWire socket	Requires approx. 85 mm mounting depth	
917.122	**1 x USB 3.0 A/A I 90° outlet on side**, only compatible with power strips with lateral 90° outlet I Black I Front: USB A socket I Back: USB A socket I Requires approx. 40 mm mounting depth	
917.059	**2 x USB 3.0 A/A I 90° outlet on side**, only compatible with power strips with lateral 90° outlet I Black I Front: 2 x USB A socket I Back: 2 x USB A socket I Requires approx. 40 mm mounting depth	

Power transmission

Custom Module USB charger

#	⇄	
	**USB double charger 5 V	2.4 A**	
917.224	Input voltage: 100-250 V~/50-60 Hz	Output: 5 V DC/max. 2.4 A	Front: 2 x USB A socket	Back: GST18i3 plug with approx. 0.2 m cable	

917.224

Custom Module Power Con

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

ⓘ **PLEASE NOTE:** only Keystones/Custom Modules with an even flush can be used in combination with PIX/KAPSA/DUE with lid and POWER FRAME COVER! For compatibility, see from page 189.

NETWORK AND MEDIA TECHNOLOGY

Buttons / switches

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 pins | 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 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 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 | Art. no. 903.111 (media converter controller) required to connect RS232 interface
917.056	**4-key keypad for KNX application** | Black | Front: 4 buttons, white, blue illuminated | Programmable on KNX installations; with integrated bus coupler | Voltage supply: 30 V DC system voltage via bus plug-in 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, blue illuminated | Feedback LED with adjustable voltage | Back: plug-in terminal
917.198	**4-key keypad** | Front: 4 potential-free buttons, white, blue illuminated | Back: 4 x RJ11 socket

917.046

917.047

917.060

917.152

917.135

917.193

917.056

917.195

917.198

NETWORK AND MEDIA TECHNOLOGY

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

ⓘ **PLEASE NOTE:** only Keystones/Custom Modules with an even flush can be used in combination with PIX/KAPSA/DUE with lid and POWER FRAME COVER! For compatibility, see from page 189.

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

917.032

917.033

Custom Module 3 x cable gland

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

917.082

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

> ℹ **PLEASE NOTE:** only Keystones/Custom Modules with an even flush can be used in combination with PIX/KAPSA/DUE with lid and POWER FRAME COVER! For compatibility, see from page 189.

NETWORK AND MEDIA TECHNOLOGY

Compatibility of Custom Modules/Keystones with products with lids

	PIX with lid (#926.XXX)	KAPSA with lid (#927.XXX)	POWER FRAME COVER (#915.XXX)	DUE with lid (#929.XXX)
903.204 Custom Module VGA analogue				
903.205 Custom Module HDMI digital				
903.206 Custom Module DisplayPort digital				
917.009 Custom Module blank cover	●	●	●	●
917.010 Custom Module blank cover with screw dome	●	●	●	●
917.011 Custom Module 1 x VGA				
917.012 Custom Module 1 x RS232 socket			●	
917.018 Custom Module 1 x USB 2.0 A/B		●	●	
917.019 Custom Module 1 x USB 2.0 B/A		●	●	
917.021 Custom Module 1 x DVI-I + miniature jack				
917.022 Custom Module 1 x Cinch audio stereo				
917.023 Custom Module 1 x 3.5 mm miniature jack			●	
917.024 Custom Module 1 x XLR 3-pole microphone			●	
917.026 Custom Module 1 x Cinch video + 2 x Cinch audio stereo				
917.027 Custom Module 1 x BNC video + 2 x Cinch audio stereo				
917.028 Custom Module 1 x S-video + 2 x Cinch audio stereo				
917.030 Custom Module 1 x SAT/TV/radio				
917.031 Custom Module PS2 mouse + keyboard				
917.032 Custom Module 1 x cable gland for cables with diameter up to 11 mm				
917.033 Custom Module 1 x cable gland for cables with diameter up to 22 mm				
917.035 Custom Module 1 x S-video + 1 x Cinch video				
917.036 Custom Module 1 x 6.3 mm audio stereo jack				
917.037 Custom Module 1 x FireWire		●	●	
917.045 Custom Module 1 x VGA + miniature jack			●	
917.046 Custom Module with stainless steel button				
917.047 Custom Module with stainless steel button, blue illuminated				
917.056 Custom Module with 4-key keypad for KNX application	●	●	●	●
917.057 Keystone socket cover [K]	●	●	●	●
917.060 Custom Module with automatic switch-off button				
917.069 Custom Module 1 x VGA			●	
917.070 Custom Module 1 x VGA			●	
917.071 Custom Module 1 x VGA + miniature jack			●	
917.072 Custom Module 1 x VGA			●	
917.073 Custom Module 1 x VGA + miniature jack			●	
917.075 Custom Module RS232 socket			●	
917.076 Custom Module RS232 plug			●	
917.078 Custom Module 1 x DVI-I			●	
917.082 Custom Module cable gland				
917.083 Custom Module 1 x S-video + Cinch video				
917.085 Custom Module 1 x Cinch video + 2 x Cinch audio stereo				
917.088 Custom Module 1 x Cinch video RGB				
917.089 Custom Module 1 x Cinch audio stereo				
917.090 Custom Module 1 x Cinch video RGB				
917.091 Custom Module 1 x 3.5 mm miniature jack			●	
917.094 Custom Module Combo series 1 x XLR 3-pole socket + 1 x 6.3 mm jack socket				
917.095 Custom Module 1 x XLR 3-pole plug		●	●	
917.096 Custom Module 1 x XLR 3-pole socket			●	
917.099 Custom Module 1 x XLR 4-pole socket			●	

NETWORK AND MEDIA TECHNOLOGY

(i)	PIX with lid (#926.XXX)	KAPSA with lid (#927.XXX)	POWER FRAME COVER (#915.XXX)	DUE with lid (#929.XXX)
917.100 Custom Module 1 x XLR 5-pole plug		●	●	
917.101 Custom Module 1 x XLR 5-pole socket			●	
917.102 Custom Module 1 x 2-pole loudspeaker connection + 6.3 mm stereo jack				
917.110 Custom Module 1 x 4-pole loudspeaker connection		●	●	
917.112 Custom Module Power Con blue (power input)		●	●	
917.113 Custom Module Power Con grey (power output)		●	●	
917.114 Custom Module 1 x loudspeaker connection				
917.116 Custom Module 1 x RS232 crossover socket			●	
917.117 Custom Module 1 x TV/radio				
917.120 Keystone module USB 3.0 A/A [K]	●	●	●	●
917.134 Custom Module 1 x VGA + miniature jack and button				
917.135 Custom Module Switch				
917.141 Custom Module 2 x USB 2.0 A/A	●	●	●	●
917.143 Custom Module 1 x HDMI	●	●	●	●
917.145 Custom Module 1 x DisplayPort	●	●	●	●
917.150 Custom Module 1 x VGA + miniature jack			●	
917.152 Custom Module Button				
917.157 Keystone module 1 x 3.5 mm miniature jack [K]			●	
917.161 Custom Module 1 x Cinch video + 2 x Cinch audio stereo				
917.183 Custom Module 1 x HDMI	●	●	●	●
917.193 Custom Module 4-key keypad	●	●	●	●
917.195 Custom Module 4-key keypad	●	●	●	●
917.198 Custom Module 4-key keypad	●	●	●	●
917.214 Keystone module 1 x mini DisplayPort [K]	●	●	●	●
917.224 Custom Module USB charger	●	●	●	●
917.226 Custom Module VGA, jack, HDMI			●	
917.400 Keystone module USB 3.0 A/B [K]		●	●	
917.401 Keystone module USB 3.0 B/A [K]	●	●	●	●
918.033 CAT6a 10 GB patch cable plug/socket 3.0 m [K]	●	●	●	●
918.034 CAT6a 10 GB patch cable plug/socket 5.0 m [K]	●	●	●	●
918.035 CAT6a 10 GB TKM socket [K]	●	●	●	●
918.041 Keystone module 1 x HDMI [K]	●	●	●	●
918.045 TOSLINK Keystone module [K]	●	●	●	●
918.071 OWG-LC duplex Keystone module [K]			●	
918.072 OWG-SC Keystone module [K]			●	
918.073 OWG-ST duplex Keystone module [K]			●	
930.143 RJ45 shutter [K]				
940.044 Keystone module CAT6 coupling [K]	●	●	●	●
940.057 Keystone module CAT5e coupling [K]	●	●	●	●
940.083 Keystone module CAT6 coupling [K]	●	●	●	●
940.085 ISDN RJ12 Keystone module [K]	●	●	●	●
940.112 Keystone module CAT6 coupling [K]	●	●	●	●

(i) A suitable Keystone mount [K] is required for the use of Keystone modules (see page 177). Keystone mount 917.061/917.062 is not compatible with PIX/DUE.

NETWORK AND MEDIA TECHNOLOGY

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 from page 193 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 floor box manufactures. Please check the mounting depth required by the Custom Modules.

Torx T6
screwdriver

Custom Module

Adapter frame
(50 x 50 mm and
55 x 55 mm,
black and white
colours)

Custom Module
bracket for floor
boxes

Mounting
plate

**Switch box or
sill-type trunking**

Floor box

NETWORK AND MEDIA TECHNOLOGY
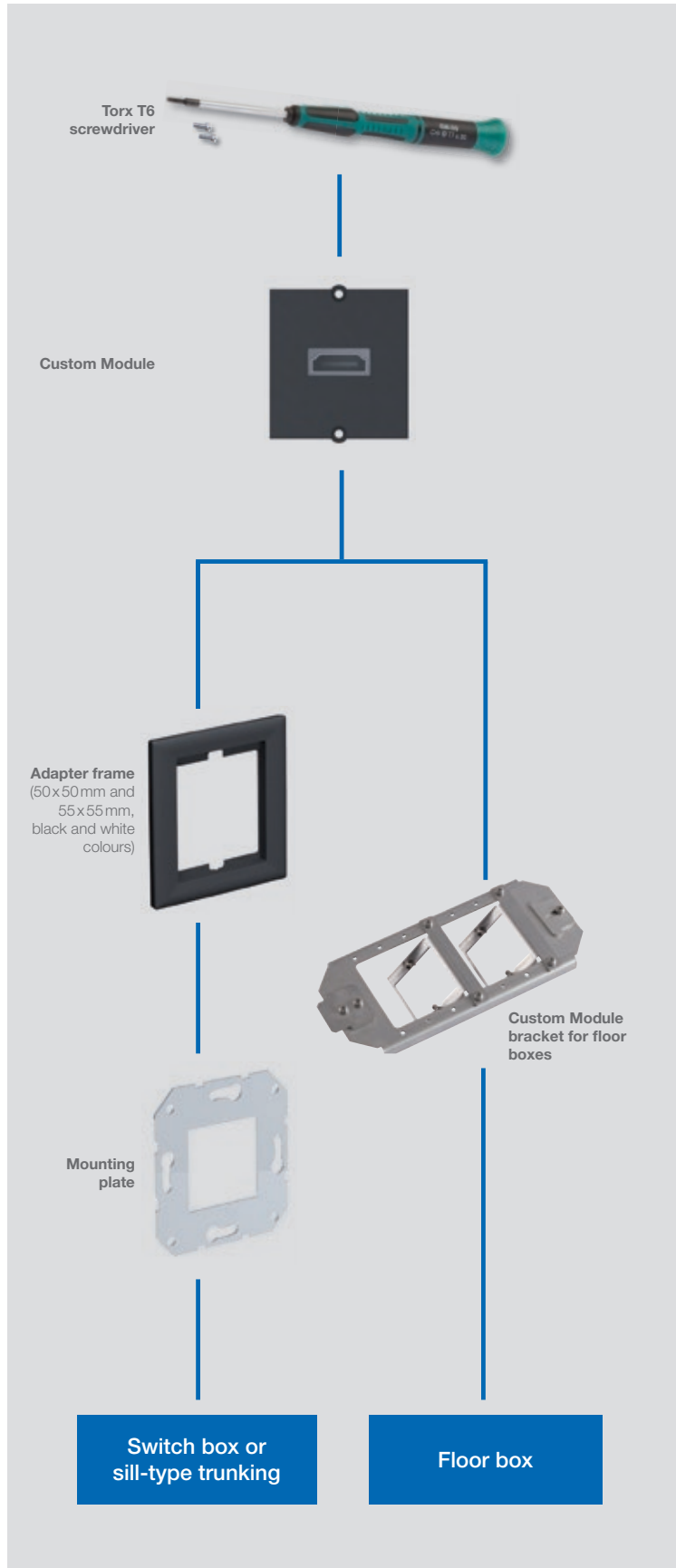
Mounting plate Custom Modules for switch range | Stainless steel

#	⊟
917.064	Suitable for conventional device boxes for flush mounting, cavity and device boxes for trunking	Incl. 2x 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 dimensions: 50x50mm	Black, similar to RAL9005	Fits into conventional switch ranges (50 x 50 mm internal dimensions) in conjunction with the stainless steel mounting plate 917.064	Please check the compatibility list from page 193 onwards
917.168	External dimensions: 50x50mm	White, similar to RAL9010	Fits into conventional switch ranges (50 x 50 mm internal dimensions) in conjunction with the stainless steel mounting plate 917.064	Please check the compatibility list from page 193 onwards
917.066	External dimensions: 55x55mm	Black, similar to RAL9005	Fits into conventional switch ranges (55 x 55 mm internal dimensions) in conjunction with the stainless steel mounting plate 917.064	Please check the compatibility list from page 193 onwards
917.169	External dimensions: 55x55mm	White, similar to RAL9010	Fits into conventional switch ranges (55 x 55 mm internal dimensions) in conjunction with the stainless steel mounting plate 917.064	Please check the compatibility list from page 193 onwards

917.065

917.068

917.066

917.169

Custom Module bracket for floor boxes

#	⊟
**Steel sheet	2x Custom Modules**	
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 cannot be combined with VGA and DVI Custom Modules
**Steel sheet	3x Custom Modules**	
917.067	For fitting in OBO Bettermann device case/floor-box systems	With mount for 3 Custom Modules (transverse mounting)	Incl. Torx M2 screws	Steel sheet cannot be combined with VGA and DVI Custom Modules
**Plastic, black	2x Custom Modules**	
917.139	Mounting for Electraplan floor boxes	With mount for 2 Custom Modules (transverse mounting)	Incl. Torx M2 screws for Custom Modules
**Plastic, black	3x 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

NETWORK AND MEDIA TECHNOLOGY

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	–

NETWORK AND MEDIA TECHNOLOGY

** 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	–
MCB 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 profile	917.065	917.168	5TG1806 5TG1866 5TG1766 5TG1836 5TG1706-1 5TG1746-1
DELTA profile	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 Module screws | Black	

917.040

ⓘ   See the glossary for detailed information on use/application.

NETWORK AND MEDIA TECHNOLOGY

Rextron 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**

Rextron HDBaseT transmitter

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

#	
903.211	**With 3 inputs** | Input: 2 x HDMI, 1 x VGA + audio | Consisting of Rextron transmitter + Bachmann control box
903.212	**With 4 inputs** | Input: 2 x HDMI, 1 x VGA + audio, 1 x DisplayPort | Consisting of Rextron transmitter + Bachmann control box

903.211

Rextron HDBaseT receiver

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

903.201

Mounting accessories

#	
903.203	Mounting bracket for Rextron HDBaseT transmitter | 2 units

903.203

For suitable **audio/video cables,** see from page 200.

[C] For suitable **Custom Modules,** see page 185.

Rextron HDBaseT receiver

HDMI cable
(max. 5 m)

HDBaseT
(min. CAT5e, CAT6 or CAT7 – max. 70 m)

HDMI cable
(max. 5 m)

← **AND/OR** →

Rextron HDBaseT transmitter

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

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 10 Gb 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 175.

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

Computer

USB 3.0 A/B cable
(art. no. 917.1205, 917.1203)

B   A

USB 3.0 B/A
(art. no. 917.401)

USB 3.0 cable
(Supplied with device)

e.g. external
hard disk

e.g. external
hard disk

USB 3.0 cable
(Supplied with device)

A   B

USB 3.0 A/B
(art. no. 917.400)

USB 3.0 A/B cable
(art. no. 917.1205, 917.1203)

Computer
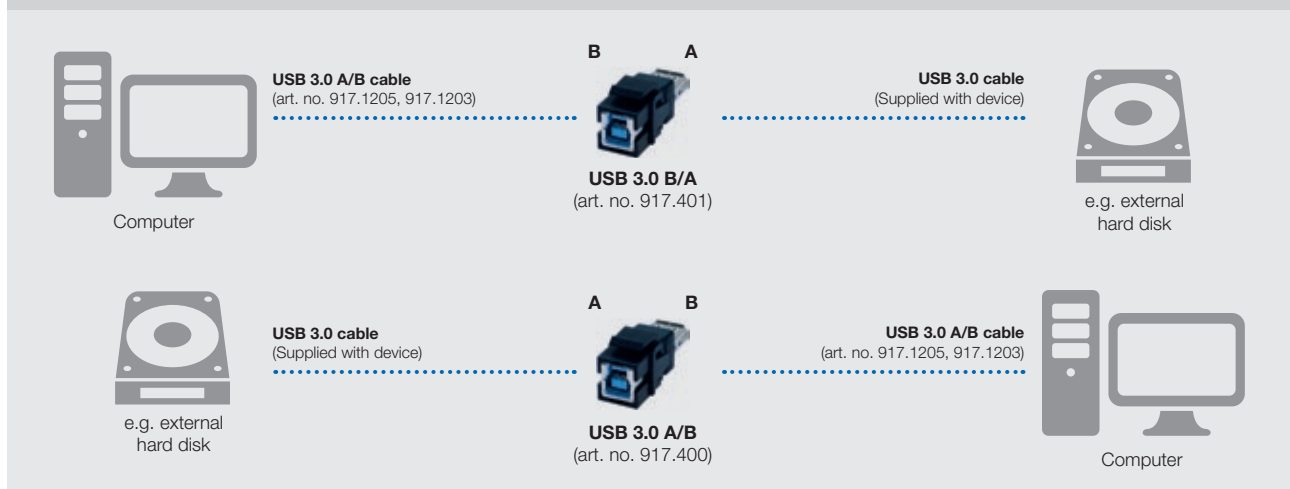
Connection with A/A Keystone module for USB 3.0 connection

Computer

Straight-through cable
(art. no. 918.176, 918.177, 918.178)

A   A

USB 3.0 A/A
(art. no. 917.120)

USB 3.0 cable
(Supplied with device)

e.g. external
hard disk

K   For suitable **Keystones,** see from page 175.

NETWORK AND MEDIA TECHNOLOGY
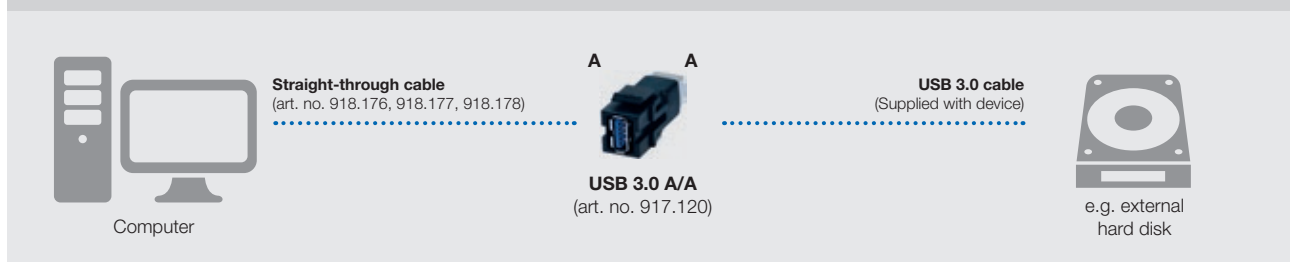
HDMI cable

HDMI connection cable

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

#	⇄
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

918.0191

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 172.

NETWORK AND MEDIA TECHNOLOGY

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

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 plug VGA 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 plug VGA 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 plug VGA 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

NETWORK AND MEDIA TECHNOLOGY

Audio cable

3.5 mm miniature jack connection cable

· Transmission of audio signals
· Can be used with Custom Modules with socket/socket miniature jack (e.g. 917.045/917.157)

#	⚏
**End 1: 3.5 mm stereo miniature jack plug	End 2: 3.5 mm stereo miniature jack plug**	
918.010	1.5 m	Black
918.011	2.5 m	Black
918.012	5.0 m	Black

918.010

Cinch cable

Cinch video + audio 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

NETWORK AND MEDIA TECHNOLOGY

C For suitable **Custom Modules,** see from page 172.

Lamps

Mobile

Stationary

Suspension hooks

Versions with 60
and 160 LEDs

Magnetic holder
included in scope of delivery

Stick lamps/ handheld lamps

BENEFITS

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

Battery-powered LED handheld lamp

· Magnetic holder
· Plastic
· 230 V~ mains adapter
· Automotive charging device
· With switch
· 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 holders	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 H05RN-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
· Interchangeable, 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 dust-proof design
· Including light bulb (Dulux S 11 watts)

#	⬚
720.006	Black	Protection class II	Dual-insulated	Length: 40 cm

720.006

Rubber handheld lamp

· E 27 holder, max. 100 W / 250 V~
· Interchangeable, 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	Dual-insulated	Black
394.187	**Without cable**	IP40	Black
910.1011	**Replacement glass**	Protective glass

394.183

LAMPS

LED technology

With Li-Ion battery

Professional work lamps

BENEFITS

- **For use on construction sites**
- **Splash-proof and dust-proof versions**
- **Infinitely adjustable support bracket for positioning**
- **Tripod mounting possible**

LED spotlight Magnum Future

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

720.035

Professional tripod

· Robust tripod construction | Zinc-plated | With mounting plate, fixing screws and practical 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: H05RN-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 use outside

#	⇄
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

LAMPS

LED spotlights

Chip LED spotlight

· LED class 1 | Colour temperature 4,000 K
· IP65 | 220-240 V~/50-60 Hz
· 2 m supply cable H07RN-F 3G 1.5 mm^2 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	**50 W with LED chip** approx. 3600 lumens, colour temperature 6400 K
720.026	**80 W with LED chip** approx. 7,000 lumens, colour temperature 6,400 K

720.025

720.026

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	**Without supply cable** 12 W	Approx. 960 lumens	Metal cable inlet for cables up to 3G 1.50 mm^2	IP65
720.030	**Without supply cable, with 120° motion detector** 12 W	Approx. 960 lumens	Metal cable inlet for cables up to 3G 1.50 mm^2	Motion detector: range max. 12 m	Time adjustable from 9 sec. to 10 min.	Integrated twilight switch	IP44
720.031	**1.5 m supply cable H05RN-F 3G 1.00 mm^2 with plug with earthing contact** 7 W with earth spike	Approx. 560 lumens	IP44

720.029

720.030

720.031

LAMPS

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-F, 5.0 x 13.0 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

LAMPS
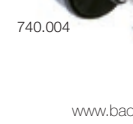
Accessories

E 27 holder with earth spike
· Plastic housing with seal, splash-proof
· Lamp holder can be swivelled
· 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

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

Screw terminal

Plug-in terminal
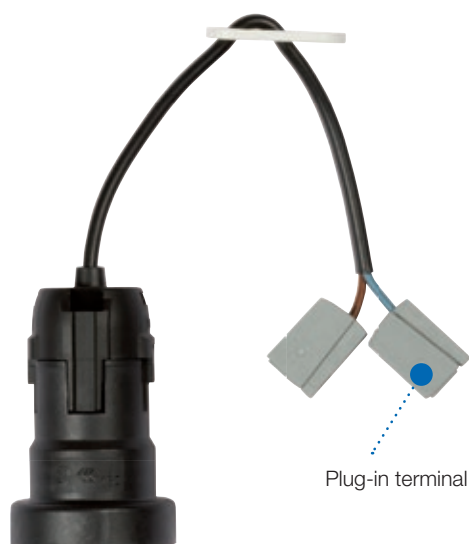
Light bulb adapter

#	⊟
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 mounting hole | Dimensions: 21 x 18 x 16 mm | Hole diameter approx. 4.3 mm
950.003	3-pole with central mounting 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 mounting 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

inter BÄR

Outdoor twilight switch IP44 series 8813 | 97 x 65 x 43 mm

· 230 V~ | 50 Hz
· 16 A ohmic load, 8 A inductive load
· The twilight switch can optionally be set for 1-9 hours or just from dusk to dawn
· Switch-on threshold 10 lux | Switch-off threshold over 15 lux
· Operating temperature: -40 °C to +40 °C
· Cable: 15 and 18 cm H05RN-F

#	⊟
924.193	Black | With timer | IP44

924.193

Twilight switch DS-A series 8812 | 34 x 23 x 16 mm

· 230 V~ | 50/60 Hz | +/- 10%
· Max. load 100 VA at Too = -20 °C to +35 °C
· Load current max. 430 mA
· Switch-on threshold approx. 5-10 lux | Switch-off threshold approx. 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

LAMPS

Pulse starter, series 8600

· Instant ignition (rapid starter)
· For fluorescent lamps, reduces the costs of maintenance and replacement of fluorescent
· Protects the environment
· 10-year warranty, -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

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 silicon housing MAXI series 1000
· 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

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.

Diameter 68
Diameter 51
50
Diameter 78
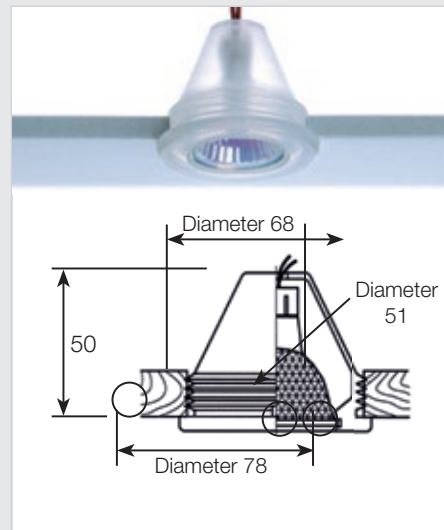
LAMPS

Electrotechnical accessories
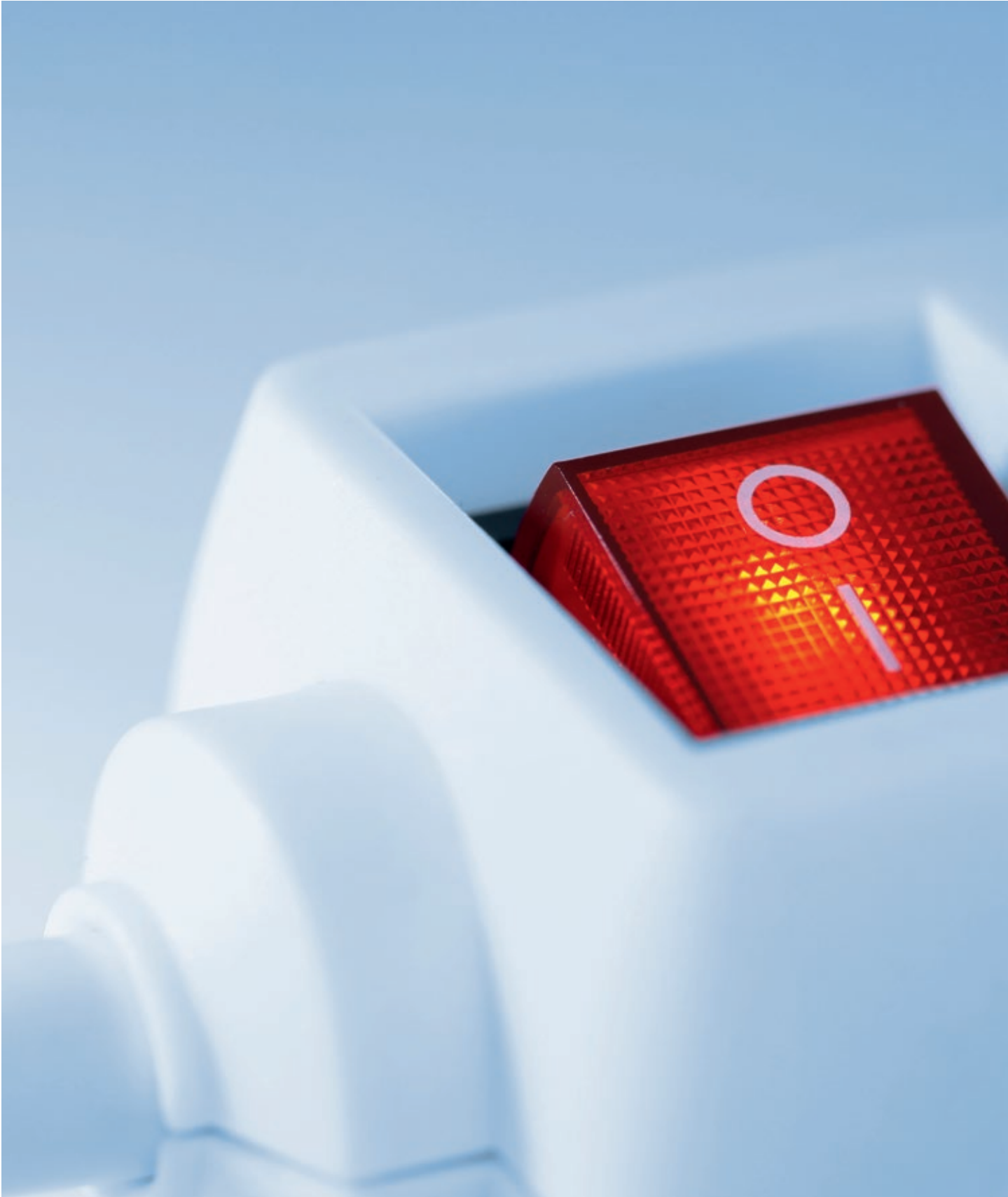
Inter BÄR

inter BÄR

Dimmers

LED dimmer for external buttons, series 8122

· 250 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

· 250 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 thanks 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
· 250 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

· 250 V~ | 50 Hz | 7-110 W / VA | LED 3-35 W
· Separate on / 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

ELECTROTECHNICAL ACCESSORIES

inter BÄR

Line intermediate dimmer/reverse phase control dimmer, series 8113 | 130 x 60 x 35 mm

· 250 V~ | 50 Hz | 20 to 300 VA
· Connection options can be freely selected (as intermediate or end dimmer)
· Hand and foot operation
· Orientation light in the dark | Separate on/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 L 110 mm

· 250 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 due 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
· Revolving off function, with protective conductor connection
· For low-voltage halogen lamps with conventional transformers, high-voltage halogen lamps and light bulbs
· Externally accessible fuse switch 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

ELECTROTECHNICAL ACCESSORIES

inter BÄR

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
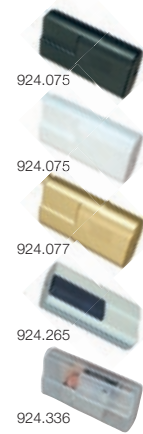
Line intermediate dimmer, series 8015 | 92 x 28 x 27 mm

· 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

ELECTROTECHNICAL ACCESSORIES

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
· Fluorescent rockers
· For dual-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
· Strain relief and screwed housing
· Connecting terminal for neutral conductor
· For dual-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

ELECTROTECHNICAL ACCESSORIES

Line intermediate switch, 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 assembly for housing, with inserted pushbutton switch | Button diameter 12 mm
· Connecting terminal for neutral conductor
· For dual-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 via insulated material screw, snap-in mounting assembly for housing
· 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
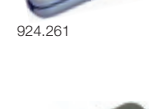
924.261

Line intermediate switch, series 8006 | 76 x 26 x 23 mm

· 6(4) A / 250 V~ | On/Off switch, 1-pole
· Screw-in strain relief | Screwed housing | 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 lamps

#	
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
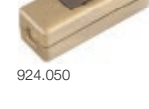
924.050

Line intermediate switch, series 8010 | 80 x 30 x 25 mm

· 10(4) A / 250 V~ | On/Off switch, 2-pole
· Screw-in strain relief | Screwed housing | Connecting 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

ELECTROTECHNICAL ACCESSORIES

Line intermediate switch, series 8010 | 80 x 30 x 25 mm

· 10(4) A/250 V~ | On/Off switch, 2-pole
· Screw-in strain relief, screwed housing, 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 exit
· 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
· Snap-in mounting assembly for housing
· 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

ELECTROTECHNICAL ACCESSORIES

inter BÄR

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 mounting | Hole distance 20 mm | Mounting holes, 3.4 mm diameter
Pull switch, series 3730	2(1) A / 250 V~
924.152	Housing black | Single-hole mounting | Mounting holes, 3.2 mm diameter
924.153	Housing black | Hole distance 22-25 mm | With screw-on brackets
Pull switch, series 3746	2 A / 250 V~ | Two-hole mounting | Hole distance 22 mm | Mounting 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 distance 23 mm | Mounting 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

· Mounting 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 pull cone
· Suitable for switch types 3716, 3730, 3746, 8017, 3776

#	⇄
924.158	White

924.158

ELECTROTECHNICAL ACCESSORIES

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~ | Normally closed contact, 1-pole
· With screwed contacts
· Two-hole mounting, mounting holes 3.5 mm diameter
· T 85 °C

#	⊟
Hole distance 43 mm | Trade version with additional housing	
924.203	Housing white | Button white
924.103	Housing black | Button black
Hole distance 25.5 mm | Industrial version without additional housing | Please note: Ensure installation is VDE-compliant, e.g. bolt only to 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~ | Multi-circuit switch, 1-pole
· 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

ELECTROTECHNICAL ACCESSORIES

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/250V~ | 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/250V~ | 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/250V~ | 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/250V~ | 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 screwed on, 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/250V~ | 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/250V~
· Suitable for devices of protection class II | Central fastening 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 lamps
· T 85°C

#	⇄

On/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

Rocker switch, series 3652

· 16(8)A/250V~
· 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, 2 x 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 | Cap clear
924.116	Frame black | Cap clear
For 2-pole rocker switch	
924.118	Frame black | Cap clear

924.115

924.116

924.118
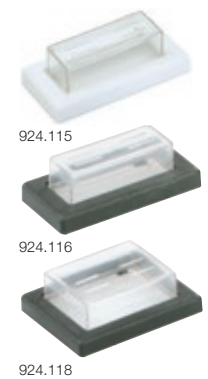
Rocker switch, series 8004

· 6(2)A/250V~ | On/Off switch, 1-pole
· Snap-in fixing for 19.4 x 13 mm cut-out
· Suitable for switching the secondary circuit of halogen lamps
· 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

ELECTROTECHNICAL ACCESSORIES

Rocker switch, series 8005

· 16(4) A/250 V~ | On/Off switch, 2-pole
· Snap-in fixing 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

#	⬚	

Installation 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 lamps

924.131	Housing white	Rocker white
924.132	Housing black	Rocker black

Installation dimension (hole) diameter 21.7 mm, SK II, screwed contacts, with protection against contact | On/Off switch, 1-pole | 6(2) A/250 V~ | T 120 °C | Suitable for switching the secondary circuit of halogen lamps

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 protection cap, 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 dimensions 19 x 13 mm

#	⬚	

Changeover switch, 1-pole | Non-illuminated | T 125 °C

924.182	Housing, black

On/Off switch, 1-pole | 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 dimensions 19 x 13 mm
· Spade terminals 4.8 x 0.8 mm

#	⬚	
924.183	Housing black	Marking white I-0-II

924.183

ELECTROTECHNICAL ACCESSORIES

Flush rocker button, series 3633

· 6 (2) A | 250 V~ | 1-pole | Normally open contact | T125°
· Installation dimensions 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 dimensions 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 dimensions 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 as per 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 glue 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

ELECTROTECHNICAL ACCESSORIES

Special products

Overload protection power strip, series 8110 | 75 x 45 x 270 mm

· 250V~ | 50Hz/16A
· For connecting two devices with high energy consumption
  (e.g. for washing machines and dryers)
· 1.5m connection cable with plug
· 1 socket with automatic switch-off, power dependent
· 1 socket with continuous current
· Screw mounting
· Weight 450 g

#	⇄
924.164	2-way

924.164

Pinfix, series 8821

· Special solution for heavy flat-plug power packs
· 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-protected 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.

ELECTROTECHNICAL ACCESSORIES

IT power distribution

AC power distribution units (PDU)

DC power distribution units (PDU)

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 also be easily integrated into superordinate 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

The BN3000 – BN7500 series 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, surge protection, 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 grid locally or remotely.

Blu≡Net
Efficient Power Management

	Measurement per phase	Measurement per outlet	Switching	Ethernet	Modbus RTU/TCP	Sensors	RCM	Power Line Communication	Surge protection
BN7500	●	●	●	●	●	●	(●)		(●)
BN7000	●		●	●	●	●	(●)		(●)
BN5000		●		●	●	●			(●)
BN3500	●	●		●	●	●	(●)		(●)
BN3000	●			●	●	●	(●)		(●)
BN2000	●			●		●		(●)	(●)
BN0500	●								(●)

(●) The indicated feature is available as an option.

IT POWER DISTRIBUTION

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		●	●	●	●	●	●	●
Switching								
Sockets can be switched						●	●	●
Switching with bistable relays						●	●	●
Operation								
Web browser		●	●	●	●	●	●	●
Local	●	●	●	●	●	●	●	●

IT POWER DISTRIBUTION

	BN0500	BN2000	BN2000 PLC	BN3000	BN3500	BN5000	BN7000	BN7500
Connections								
Ethernet (10/100 Mbit/s)	●	●	●	●	●	●	●	●
USB				●	●	●	●	●
Sockets for external sensors	2	2	2	2	2	2	2	2
Modbus RTU (master/slave operation)				●	●	●	●	●
Isolated digital input				●	●	●	●	●
Isolated relay output				●	●	●	●	●
Communication								
IPv4	●	●	●	●	●	●	●	●
IPv6				●	●	●	●	●
Powerline Communication			●					
ModBus TCP				●	●	●	●	●
HTTP	●	●	●	●	●	●	●	●
HTTPS			●	●	●	●	●	●
SSH				●	●	●	●	●
DHCP	●	●	●	●	●	●	●	●
SMTP			●	●	●	●	●	●
SNMPv2	●	●	●	●	●	●	●	●
SNMPv3				●	●	●	●	●
SNMP trap	●	●	●	●	●	●	●	●
Syslog	●	●	●	●	●	●	●	●
NTP	●	●	●	●	●	●	●	●
LDAP				●	●	●	●	●
JSON				●	●	●	●	●

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 PDUs are the first choice here.

Smart master/slave concept
BlueNet Master PDUs can communicate with up to eleven BlueNet Slave PDUs via one Modbus RTU connection, thereby saving space and costs. The PDUs 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 PDUs can be clearly displayed and read with ease via the IP address of the Master PDUs. 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 – even in small quantities.

Some racks may need a variety of sockets but very little power, depending on the data centres. 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.

IT POWER DISTRIBUTION

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 is called "billing grade accuracy", i.e. a level of measuring accuracy acceptable for billing purposes. You will
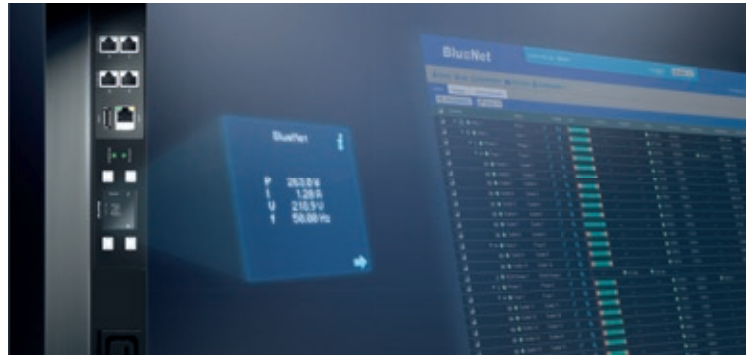
receive all measured power consumption data in digital form and can bill this to your business or departmental areas. This significantly conserves your budget as an internal data centre service provider.

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 differently 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

IT POWER DISTRIBUTION

Surge protection

To ensure that the functionality of a data centre is not compromised, lightning and surge protection should form an integral part of the consulting and planning phases for a data centre. Although there is still a transitional period for DIN VDE, lightning and surge protection for systems that are placed into operation following 14/12/2018 will not only be mandatory, but the following details will have to be observed: the effective protective range of surge protective devices (SPD) is initially determined in standard DIN VDE 0100-534 with a protective radius of max. 10 m.

This refers to the maximum permissible distance between the surge arrester and devices being protected. If this maximum distance cannot be maintained, additional surge protection must be installed as close as possible to the device being protected. A maximum cable length of 10 m from the low-voltage main distribution or sub-distribution to the end devices is quickly achieved in data centres. It is therefore recommended that additional surge protection is either provided in the tap-off units for the busbars or as part of the PDUs implemented directly in the server rack of the end devices.

For BN3000 – BN7500 PDUs in high-availability server racks, BACHMANN provides a modular lightning and surge protection concept that can be replaced during continuous operation. The protective status of the surge arrester module is monitored by the PDU, displayed in the BlueNet web browser and an alert can be issued as a signal chain via various communication interfaces.

Sensors

Optimum operation of a data centre is conditional on a granulated measurement of the temperature, air humidity and other operating states directly in the server rack.

These requirements can be met by using the BlueNet temperature sensor, combination sensor (temperature/air humidity) and the GPIO Module. The sensors are connected to the PDU and monitored on a continuous basis. If values exceed or fall below configurable threshold values, this is detected and signalled at an early stage. The air conditioning technology is used efficiently, while the computing technology is always operated under optimum conditions. The availability of the data centre can thus be guaranteed and any loss of data caused by sudden operational interruptions can be minimised.

IT POWER DISTRIBUTION

GPIO Module

The GPIO (general-purpose input/output) module forms the central interface between BlueNet BN3000 – BN7500 power distribution units (PDU) and external devices (e.g. door or signal contacts). It also provides a physical connection to the building control system so that an alert is issued for any preset threshold values, such as the residual current being exceeded (RCM – Residual Current Monitoring).

The GPIO module has four programmable in- and outputs that are visualised in the software interface of BlueNet BN3000 – BN7500.

The input contacts supply an auxiliary voltage of 7 V and can be assigned to signal chains. The isolated output contacts can be activated automatically by signal chains or manually via the software interface. Bistable relays enable loads of up to a maximum of 2 A / 230 V AC or 2 A / 30 V DC to be switched.

The connection is established on one of the two sensor connections of BlueNet BN3000 – BN7500 PDUs. An external voltage supply is not required to operate the GPIO module.

Benefits

· Interface to connect external devices to BN3000 – BN7500
· Simple monitoring visualised and configured via web server
· LEDs to visualise the contact statuses
· Simple to install

The **GPIO Module** (802.0100) is illustrated on page 270.

IT POWER DISTRIBUTION

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 46 U server racks	Dimensions (W x H x D)
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		1762 x 44 x 65 mm
802.7508-S	●	24	6		30		1762 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

ℹ Other product configurations (e.g. surge protection) and slave variants (802.75XX-S) are available on request.

For versions with **Residual Current Monitoring (RCM),** see page 250.

IT POWER DISTRIBUTION

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 46 U server racks	Dimensions (W×H×D)
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		1500 x 44 x 65 mm
802.7007		18		3	21		1500 x 44 x 65 mm
802.7008		24	6		30		1762 x 44 x 65 mm
802.7008-S	●	24	6		30		1762 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 (e.g. surge protection) and slave variants (802.70XX-S) are available on request.

For versions with **Residual Current Monitoring (RCM),** see page 251.

IT POWER DISTRIBUTION

BN5000

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	For at least 46 U server racks	Dimensions (W x H x D)
16 A / 400 V					
802.5002	18	3	21		1234 x 44 x 65 mm
802.5003	24	6	30		1762 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 (e.g. surge protection) and slave variants (802.50XX-S) are available on request.

IT POWER DISTRIBUTION

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 46 U server racks	Dimensions (W x H x D)
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		1500 x 44 x 65 mm
802.3507		18		3	21		1500 x 44 x 65 mm
802.3508		24	6		30		1762 x 44 x 65 mm
802.3508-S	●	24	6		30		1762 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		1500 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

ℹ️ Other product configurations (e.g. surge protection) and slave variants (802.35XX-S) are available on request.

IT POWER DISTRIBUTION

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 46 U server racks	Dimensions (W x H x D)
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		1870 x 44 x 65 mm
802.3019		36	6		42	●	2170 x 44 x 65 mm
802.3019-S	●	36	6		42	●	2170 x 44 x 65 mm

802.3004

802.3010

802.3012

802.3013

| ℹ | Other product configurations (e.g. surge protection) and slave variants (802.30XX-S) are available on request. |

IT POWER DISTRIBUTION

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

#	Phase(s)	Voltage (V)	Current (A)	Power (kVA)	Dimensions (W x H x D)
802.3069	1	230	16	3.7	438 x 44 x 134 mm
802.3067	3	400	16	11.0	438 x 44 x 134 mm
802.3070	1	230	32	7.4	438 x 44 x 134 mm
802.3068	3	400	32	22.1	438 x 44 x 134 mm

ⓘ Other product configurations (e.g. surge protection) and slave variants (802.30XX-S) are available on request.

For versions with **Residual Current Monitoring (RCM),** see page 253.

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 is not 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**

IT POWER DISTRIBUTION

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 retests. 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. An RCM alarm or warning can also be triggered via the isolated PDU output or by the optional GPIO module.

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.

RCM
TECHNOLOGY
INCLUDED

Blu≡Net
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)**

Trans-former station

IΔ = residual current

L1

N

PE

Blu≡Net **Type B RCM module**

I_Δ I_1 I_2

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

IT POWER DISTRIBUTION

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 (W x H x D)
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

802.7521

i Other product configurations (e.g. surge protection) and slave variants (802.75XX-S) are available on request.

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 (W x H x D)
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 (W x H x D)
16 A / 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 (e.g. surge protection) and slave variants (802.70XX-S and 802.35XX-S) are available on request.

IT POWER DISTRIBUTION

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 46 U server racks	Dimensions (W x H x D)
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		1500 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		1873 x 44 x 65 mm
802.3025-S	●	24	6		30		1873 x 44 x 65 mm

802.3055

802.3024

802.3025

ℹ Other product configurations (e.g. surge protection) and slave variants (802.30XX-S) are available on request.

Pictograms and their meaning can be found on page 299.

IT POWER DISTRIBUTION

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

#	Phase(s)	Voltage (V)	Current (A)	Power (kVA)	Dimensions (W x H x D)
802.3072	1	230	16	3.7	438 x 44 x 134 mm
802.3039	3	400	16	11.0	438 x 44 x 134 mm
802.3071	1	230	32	7.4	438 x 44 x 134 mm
802.3065	3	400	32	22.1	438 x 44 x 134 mm

ℹ️ Other product configurations (e.g. surge protection) and slave variants (802.30XX-S) are available on request.

IT POWER DISTRIBUTION

BN2000 PLC

BlueNet 2000 PLC (Powerline Communication) facilitates energy requirement monitoring via the existing power 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 power grid, logs them and makes them available through its Ethernet interface via HTTPS, HTTP, SMTP, SNMP, SNMP trap 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 grid 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.

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 BN2000 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 effort 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

BENEFITS

- **Central aggregation of data using existing power 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)**

IT POWER DISTRIBUTION

**BN2000
PLC PDUs**

Blu≡Net
Efficient Power Management

1   2   3   250

Power grid

**PLC
Concentrator**

Ethernet 10/100 Mbps

powered by
E3METER.COM

IT POWER DISTRIBUTION

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 46 U server racks	Dimensions (W×H×D)
16 A / 230 V						
329.3143	16	4		20		863 x 44 x 47 mm
329.3144	16		4	20		863 x 44 x 47 mm
329.3145	24	4		28		1033 x 44 x 47 mm
16 A / 400 V						
329.3146	18	3		21		1076 x 44 x 47 mm
329.3147	18		3	21		991 x 44 x 47 mm
329.3148	24	6		30		1374 x 44 x 47 mm
329.3149	24		6	30		1374 x 44 x 47 mm
329.3150	24	6	6	36		1660 x 44 x 47 mm
329.3111	36			36		1458 x 44 x 47 mm
329.3151	36	6		42		1629 x 44 x 47 mm
329.3152	36		6	42		1629 x 44 x 47 mm
32 A / 230 V						
329.3153	16	4		20		1076 x 44 x 47 mm
329.3154	16		4	20		1076 x 44 x 47 mm
329.3155	24	4		28		1246 x 44 x 47 mm
32 A / 400 V						
329.3156	24	6		30		1799 x 44 x 47 mm
329.3157	24		6	30		1829 x 44 x 47 mm
329.3158	36	6		42	●	2054 x 44 x 47 mm

329.3145

329.3155

329.3156

ⓘ Variants with replaceable type 3 surge protection (page 9) available on request.

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 and PDF export
· Update via online interface or SD Card (locally)
· Low internal consumption (<3W)
· 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	2 x 3 phases/230 V/400 V

329.3200

BN2000 Inline PLC

Measurement per phase	Measurement per port	Switching	Sensors

16-32 A / 230-400 V

#	Phase(s)	Voltage (V)	Current (A)	Power (kVA)	Dimensions (W x H x D)
329.3060	1	230	16	3.7	232 x 104 x 102 mm
329.3061	3	400	16	11.0	232 x 104 x 102 mm
329.3062	1	230	32	7.4	232 x 104 x 102 mm
329.3063	3	400	32	22.1	232 x 104 x 102 mm

329.3060

329.3061

Mains voltage (V)
Present mains voltage
to which the measurement unit
is connected is displayed.

Current (A)
Present current which is drawn
by the connected devices.

BlueNet BN2000

230 V   50.00 Hz
12.5 A   PF 0.966

2.77 kW

MODE   DELTA

Frequency (Hz)
Current mains frequency

Power factor
Shows the power factor.

Effective power (kW)
The effective power drawn by the consumers,
taking the phase shift into account.

16-32 A / 230-400 V / 50 Hz

BN2000

The BlueNet BN2000 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 1 U 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**

IT POWER DISTRIBUTION

Measurement per phase	Measurement per port	Switching	Sensors

3.0 m H05VV-F supply cable with CEE plug | Including mounting kit

#	Cable length (m)	Plug	Phase(s)	C13	CEE 7/3	C19	C16A miniature circuit breaker	Outlets in total	Dimensions (WxHxD)
16 A / 230 V									
329.3009	2	CEE 7/3	1		6			6	439 x 44 x 47 mm
329.3010	2	CEE 7/3	1	8				8	439 x 44 x 47 mm
329.3057	3	CEE	1	24		3*		30	1033 x 44 x 47 mm
16 A / 400 V									
329.3012	3	CEE	3	36	6			42	1758 x 44 x 47 mm
329.3013	3	CEE	3	36		6		42	1758 x 44 x 47 mm
329.3059	3	CEE	3	24		6*		30	1373 x 44 x 47 mm
32 A / 230 V									
329.3056	3	CEE	1	24		4*	2	28	1331 x 44 x 47 mm
32 A / 400 V									
329.3058	3	CEE	3	24		6*	6	30	1883 x 44 x 47 mm

329.3009

329.3010

BN2000 Inline

Measurement per phase	Measurement per port	Switching	Sensors

16-32 A / 230-400 V / 50 Hz

#	Phase(s)	Voltage (V)	Current (A)	Power (kVA)	Dimensions (WxHxD)
329.3032	1	230	16	3.7	232 x 104 x 102 mm
329.3033	3	400	16	11.0	232 x 104 x 102 mm
329.3036	1	230	32	7.4	232 x 104 x 102 mm
329.3037	3	400	32	22.1	232 x 104 x 102 mm

329.3032

329.3033

ⓘ Variants with replaceable type 3 surge protection (page 9) available on request.

IT POWER DISTRIBUTION

Effective power (kW)
The effective power drawn by the consumers, taking the phase shift into account.

Mains voltage (V)
Present mains voltage to which the measurement unit is connected is displayed.

2.77 kW 230V
50 Hz 15°
12,5A
1586,9kWh

Frequency (Hz)
Current mains frequency

Phase angle
Displays the phase shift in the power grid.

Current (A)
Present current which is drawn by the connected devices.

Energy (kWh)
The total energy shown on the display is calculated taking the phase angle into account.
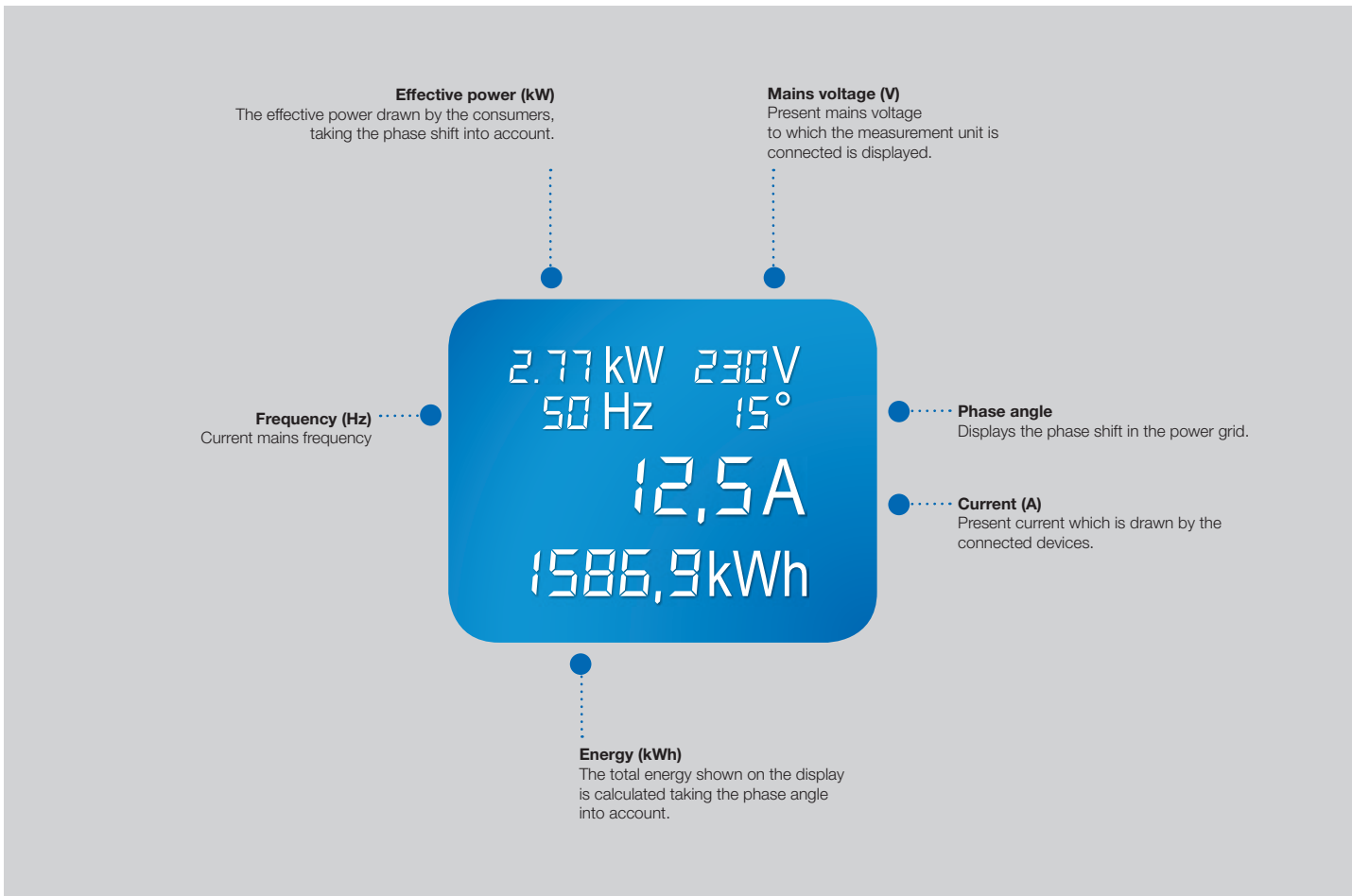
BN0500

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%**
- **Optional type 3 surge protection with replaceable arrester module and fault signalling contact**

IT POWER DISTRIBUTION

Measurement per phase	Measurement per port	Switching	Sensors

19" BN0500 (16 A / 230 V) | Incl. mounting brackets

#	C13	C19	CEE 7/3	UTE	UK	T13	Outlets in total	Dimensions (W x H x D)
2.0 m H05VV-F 3G 1.5 mm² with right-angled plug with earthing contact								
800.2054			8				8	483 x 44 x 47 mm
800.2055	12						12	483 x 44 x 47 mm
800.2154		8					8	483 x 44 x 47 mm
800.2067*				8			8	483 x 44 x 47 mm
2.0 m H05VV-F 3G 1.5 mm² with UK plug								
800.2068*					6		6	483 x 44 x 47 mm
2.0 m H05VV-F 3G 1.5 mm² with T23 plug								
800.2063*						7	7	483 x 44 x 47 mm

BN0500 with CEE plug | Incl. mounting brackets

#	C13	C19	CEE 7/3	Outlets in total	Dimensions (W x H x D)
**16 A / 230 V	3.0 m H05VV-F 3G 1.5 mm²**					
800.2395	16	4		20	746 x 44 x 47 mm
800.2396	16		4	20	746 x 44 x 47 mm
800.2135	24	4**		28	958 x 44 x 47 mm
**16 A / 400 V	3.0 m H05VV-F 5G 2.5 mm²**					
800.2398	18	3		21	978 x 44 x 47 mm
800.2399	18		3	21	978 x 44 x 47 mm
800.2400	24	6		30	1360 x 44 x 47 mm
800.2401	24		6	30	1360 x 44 x 47 mm
800.2402	24	6	6	36	1787 x 44 x 47 mm
800.2403	36	6		42	1616 x 44 x 47 mm
800.2404	36		6	42	1616 x 44 x 47 mm
**32 A / 230 V	3.0 m H05VV-F 3G 4 mm²**					
800.2405	16	4		20	916 x 44 x 47 mm
800.2406	16		4	20	916 x 44 x 47 mm
800.2407	24	4		28	1086 x 44 x 47 mm
**32 A / 400 V	3.0 m H05VV-F 3G 4 mm²**					
800.2408	24	6		30	1787 x 44 x 47 mm
800.2409	24		6	30	1787 x 44 x 47 mm
800.2410	36	6		42	2042 x 44 x 47 mm

800.2054

ℹ Variants with replaceable type 3 surge protection (page 9) available on request.

IT POWER DISTRIBUTION

IT PDU Basic 1U

With its IT PDU Basic 1 U, BACHMANN provides a huge choice of PDUs in a high-quality aluminium profile. With their extremely compact design of just 1 height unit, 47 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 3 surge protection (optionally with replaceable surge arrester module and fault signalling contact)
- Mains and frequency filters
- Micro fuse
- 30 mA residual current device
- Miniature circuit breaker
- Master + slave function

19" IT PDU Basic (230 V / 50 Hz) | Incl. mounting brackets

· 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 30mA	Thermal fuse rating in 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	Connection terminal								8	8	grey
333.830	Connection terminal					12				12	grey
With surge 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 surge 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

333.401

333.506

333.815

800.2332

800.2333

333.400

333.505

333.404

333.405

333.536

333.537

333.411

333.412

333.410

333.538

800.2284

ⓘ Variants with replaceable type 3 surge protection (page 9) available on request.

IT POWER DISTRIBUTION

IT PDU Basic (230 V / 50 Hz) | Incl. mounting brackets

· 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 (W x H x D)
333.413	12	12	565 x 44 x 47 mm
10''			
333.417	3	3	208 x 44 x 47 mm
333.0122	4	4	208 x 44 x 47 mm
With surge protection			
800.2334	12	12	608 x 44 x 47 mm

333.413

333.417

333.0122

800.2334

19" IT PDU Basic Master + Slave (230 V / 50 Hz) | Incl. mounting brackets

· Cable type: 2.0 m H05VV-F 3G 1.50 mm²
· Automatically isolates the master unit and all slave units from the power grid once the master unit is shut down/switched off
· Automatically switches on master unit and all slave units once the master unit has been switched on
· Integrated 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) | Incl. mounting brackets

· 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

IT PDU Basic Inline with surge protection | Incl. mounting brackets

· Citel SPD type 3 with replaceable arrester module and fault signalling contact
· Power input: 1.0 m H05VV-F with CEE plug
· Power output: 1.0 m H05VV-F with CEE coupling

#	Phase(s)	Voltage (V)	Current (A)	Cable type H05VV-F	Dimensions (W x H x D)
800.2621	1	230	16	3G 2.5 mm²	261 x 44 x 47 mm
800.2622	1	230	32	3G 4 mm²	261 x 44 x 47 mm
800.2522	3	400	16	5G 2.5 mm²	303 x 44 x 47 mm
800.2623	3	400	32	5G 2.5 mm²	303 x 44 x 47 mm

800.2522

800.2623
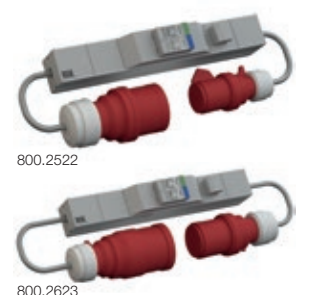
19" IT PDU Basic Switzerland (230 V / 50 Hz) | Incl. mounting brackets

· 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 surge 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 surge 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

800.1261
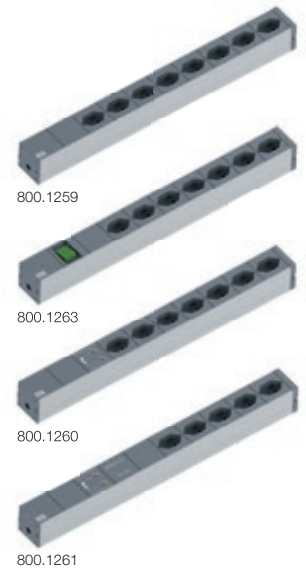
19" IT PDU Basic UK (230 V / 50 Hz) | Incl. mounting brackets

· 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) | Incl. mounting brackets

· 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	Connection terminal				8	8
333.419	CEE 7/7			●	8	8
With surge protection						
333.4061	CEE 7/7				8	8
333.838	CEE 7/7			●	7	7
With surge 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

ⓘ Variants with replaceable type 3 surge protection (page 240) available on request.

IT POWER DISTRIBUTION

IT PDU Basic 1U 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 299.

Power distribution units | Incl. mounting brackets

#	Cable type H05VV-F-	Cable length (m)	Plug	Phase(s)	Miniature circuit breaker C16A	C13	with locking clips 940.103	C19	CEE 7/3	Outlets in total	Dimensions (W x H x D) (mm)
16 A / 230 V / 50 Hz											
800.1657	3G2.5 mm²	3	CEE	1		24	●	3*		27	1075 x 44 x 47
800.2335	3G2.5 mm²	3	CEE	1		16			4	20	735 x 44 x 47
**19"	16 A / 400 V / 50 Hz**											
800.0111	5G2.5 mm²	3	CEE	3				6*		6	482.6 x 44 x 47
16 A / 400 V / 50 Hz											
800.0104	5G2.5 mm²	3	CEE	3		18		3*		21	821 x 44 x 47
800.0105	5G2.5 mm²	3	CEE	3		18				18	821 x 44 x 47
800.0107	5G2.5 mm²	3	CEE	3					15	15	821 x 44 x 47
800.0109	5G2.5 mm²	3	CEE	3		12			6	18	821 x 44 x 47
800.1656	5G2.5 mm²	3	CEE	3		24		3*		27	1075 x 44 x 47
800.0113	2 x 5G2.5 mm²	2 x 3	2 x WEF**	6		36			12	48	1840 x 44 x 47
800.0114	2 x 5G2.5 mm²	2 x 3	2 x WEF**	6		48				48	1840 x 44 x 47
800.2337	5G2.5 mm²	3	CEE	3		18			3	21	734 x 44 x 47
800.2282	5G2.5 mm²	3	CEE	3		24		6		30	1116 x 44 x 47
800.2339	5G2.5 mm²	3	CEE	3		24			6	30	1203 x 44 x 47
800.2283	5G2.5 mm²	3	CEE	3		24		6	6	36	1457 x 44 x 47
800.1453	5G2.5 mm²	3	CEE	3		36		6	6	48	1713 x 44 x 47
800.2341	5G2.5 mm²	3	CEE	3		36		6		42	1457 x 44 x 47
800.2342	5G2.5 mm²	3	CEE	3		36			6	42	1458 x 44 x 47
32 A / 230 V / 50 Hz											
800.0119	3G4 mm²	3	CEE	1	2	20				20	778 x 44 x 47
800.2336	3G4 mm²	3	CEE	1	2	24		4		28	1119 x 44 x 47
32 A / 400 V / 50 Hz											
800.0100	5G4 mm²	3	CEE	3	6			12*		12	1075 x 44 x 47
800.0101	5G4 mm²	3	CEE	3	6			6*		6	820 x 44 x 47
800.0102	5G4 mm²	3	CEE	3	6	36				36	1586 x 44 x 47
800.2338	5G4 mm²	3	CEE	3	6	24		6		30	1586 x 44 x 47
800.2340	5G4 mm²	3	CEE	3	6	24			6	30	1586 x 44 x 47

800.0113

800.0100

800.0107

800.0105

ℹ Variants with replaceable type 3 surge protection (page 240) available on request.

For suitable **IEC60320 extension cables** and earthing contact plug connection cables available in grey/black to distinguish from power supply (A/B), see pages 74, 80 and 81.

IT POWER DISTRIBUTION

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 built in, e.g. type III surge protection, mains and frequency filters

• End caps riveted and not openable

19" PDU >1 U ALU (230 V / 50 Hz) | Incl. mounting brackets

· 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 (W x H x D)
333.001		8	8	440 x 52 x 44 mm
333.000	●	7	7	440 x 52 x 44 mm
With surge protection				
333.004		7	7	440 x 52 x 44 mm
333.005	●	6	6	440 x 52 x 44 mm
**With surge 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

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 integrated electronic components, e.g. type III surge protection, mains and frequency filters

• End caps riveted and not openable

19" PDU >1 U PVC (230 V / 50 Hz) | Incl. mounting brackets

· 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 (W×H×D)
333.601		8	8	440 x 52 x 44 mm
333.600	●	7	7	440 x 52 x 44 mm
With surge protection				
333.604		7	7	440 x 52 x 44 mm
333.605	●	6	6	440 x 52 x 44 mm

333.601

333.600

333.604

333.605

Stainless steel **mounting bracket**

Fitted at various heights and angles by fastening in the slots of the end cap.

IT POWER DISTRIBUTION

Accessories

BlueNet BN2000 / BN2000 PLC

#	⊟
329.3102	Temperature sensor | 2.00 m cable
329.3104	Combination temperature and air humidity sensor | 2.00 m cable

329.3102

329.3104

BlueNet BN3000 – BN7500 sensors

#	⊟
802.0100	GPIO module (see page 241)

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

802.0100

802.0101

802.0102

Plug interlocks

#	⊟
940.103	Locking clips C13, 2-way | Red | Set for 12 C13 outlets
802.0010	Interlock C13/C19 universal height (6 units)
940.191	SecureSleeve C14 | Red | 6 units
940.192	SecureSleeve C14 | Black | 6 units
940.193	SecureSleeve C20 | Red | 6 units
940.194	SecureSleeve C20 | Black | 6 units

940.103

802.0010

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 fastening of PDUs in 19" rack

#	⊟
940.166	Mounting clip, supplied in packs of 50
940.167	Disassembly tool for mounting clip

940.166

940.167

IT POWER DISTRIBUTION

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)
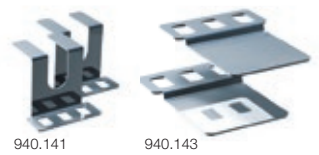
940.141　　940.143
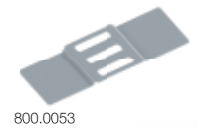
800.0053

Replacement mounting accessories (BN3000 – BN7500)

#	⊡
802.0001	Universal mounting kit
802.0002	Mounting kit, rear
802.0003	Mounting kit, side
802.0005	Universal mounting kit with double holder

802.0001

802.0002　　802.0003

802.0005

Mounting options

802.0001　　　　802.0002　　　　802.0003　　　　802.0005

For suitable **IEC60320 extension cables** and earthing contact plug connection cables available in grey/black to distinguish from power supply (A/B), see pages 74, 80 and 81.

IT POWER DISTRIBUTION
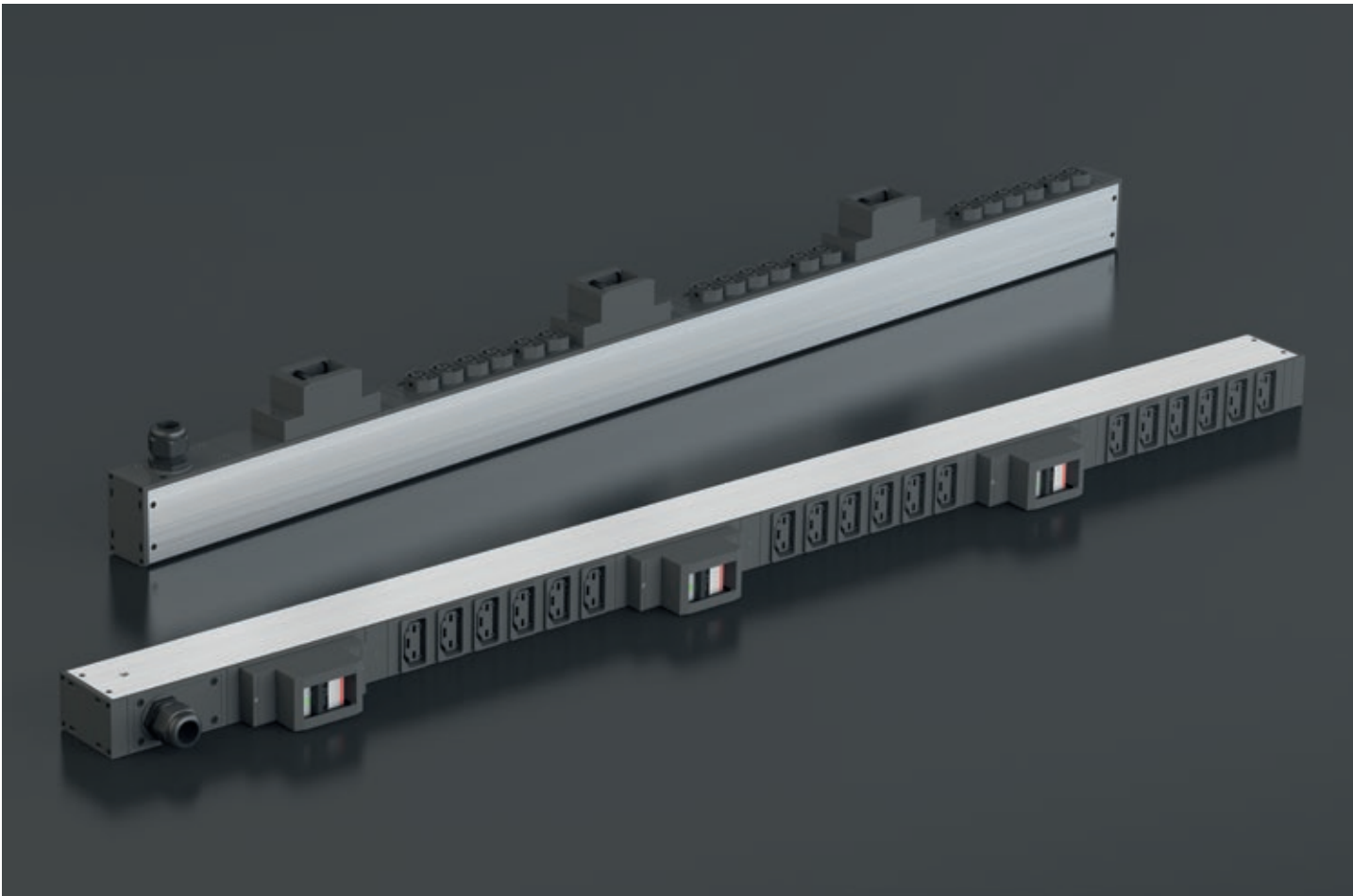
380VDC PDU Basic

Increasing the efficiency of the data centre

Nowadays, the use and storage of renewable energies on the one hand, coupled with demands to save energy on the other, mean that modern data centres have to be designed and operated in a way that enables them to meet a number of totally new require-ments. One solution for this is the extensive use of DC (DC = direct current) because photovoltaic systems, energy stores and IT devices can be operated with a DC.

Today's data centres are supplied as standard with 230 / 400 V AC electricity (AC = alternating current). The reasons for this are historical; AC was easier to convert to different voltage levels through transformers. Furthermore, it was also possible to transfer energy over long distances. Modern power electronics now offer numerous ways of also converting DC with virtually no losses, making the process of transmitting and transforming energy much more efficient. At the same time, renewable energies can be called upon for the environmentally sound generation of direct current.

IT POWER DISTRIBUTION

380VDC PDU Basic

· Input max. 400 V DC/30 A
· Cable connection box with terminals

#	Outputs	Interlock	ABB miniature circuit breaker (Rated short-circuit capacity 10kA)
Outputs conform to IEC 62735-1			
832.0100	18		3 x 10A
832.0101	24		4 x 8A
APP Saf-D-Grid® outputs			
832.0001	18	●	3 x 10A
832.0002	24	●	4 x 8A

832.0100

832.0001

Accessories

#	
341.219	**380VDC connection cable IEC 62735-1/APP Saf-D-Grid®** S1 = PDU = IEC 62735-1 plug (without interlock function) | S2 = PSU = APP plug (with interlock function) | 18 AWG ST UL 600V 90C | Maximum current: 6.5 A | Length 2.0 m
341.217	**380VDC connection cable APP/APP Saf-D-Grid®** S1 = PDU = APP plug (with interlock function) | S2 = PSU = APP plug (with interlock function) | 14 AWG ST UL 600V 90C | Maximum current: 24 A | Length 2.0 m

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Power distribution in data centres based on renewable energies and the use of 380 VDC

Power Grid   Generator

UPS

LVMD

UPS

Photovoltaic System

Photovoltaic System

CRAC   CRAC

SD

SD

380VDC   380VDC

IT   IT   IT   IT   IT   IT

UPS: Uninterruptable power supply
LVMD: Low-voltage main distribution
CRAC: Computer Room Air Conditioning
SD: Sub-distribution
IT: IT equipment
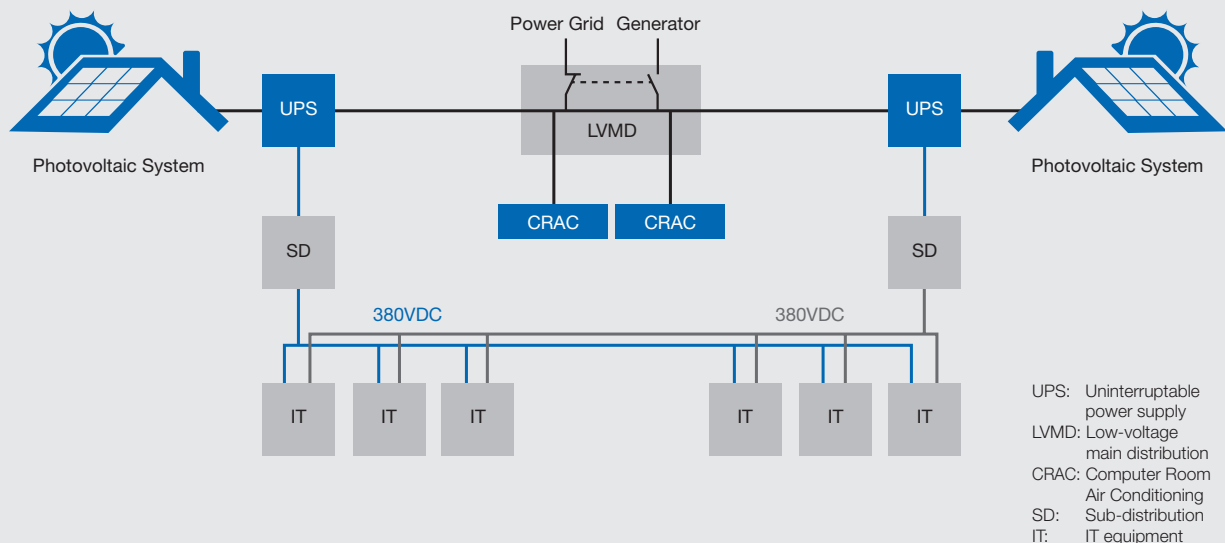
ⓘ Other designs on request.

IT POWER DISTRIBUTION

Glossary

10-inch panel (10")
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 appliance 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. changeover switch). 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 component. 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 possible 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 created.

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 DVB ("Digital Video Broadcasting"). 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 connection:
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. The bandwidth is 64 kb/s.

Keystone
Universal installation 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 13321-1 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 wirelessly 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 an 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.

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 designs 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.

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 design. The number of contacts available in a single plug 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.

Surge protection with filter
Surge 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 (micro fuse on request) with varistors, thermal fuse, gas discharge arrester, optical LED function and failure display (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.

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
See **Cinch (RCA)**

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: 16 A/250 V max. 3680 W
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: 42.5 mm
With shutter
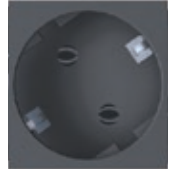
M-UTE | France/type E

Output: 16 A/250 V max. 3680 W
Standard: NF C 61-314/CEE 7/5
Colour: black, red, white, grey
Orientation: set at 35°

Module width: 42.5 mm
With shutter

M-UTE IT | France/type E

Output: 16 A/250 V max. 3680 W
Standard: NF C 61-314/CEE 7/5
Colour: red
Orientation: set at 35°

Module width: 42.5 mm
With shutter
With additional mechanical plug-in fuse
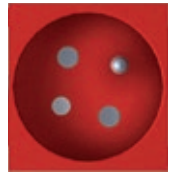
M-CH T13 | Switzerland/type J

Output: 10 A/250 V max. 2500 W
Standard: SEV 1011
Colour: black, red
Orientation: set at 0°

Module width: 35 mm
With shutter

M-CH T23 | Switzerland/type J

Output: 16 A/250 V max. 3680 W
Standard: SEV 1011
Colour: black, red
Orientation: set at 90°

Module width: 42.5 mm
With shutter

M-USA | USA/type B

Output: 15 A/125 V
Standard: NEMA 5-15r
Colour: black
Orientation: set at 0°

Module width: 32 mm

M-UK FUSE | UK/type G

Output: 13 A/250 V max. 3200 W
(depends on fuse)
Standard: BS 1363/fuse in accordance with BS 1362
Colour: black

Orientation: set at 45° or 90°
Module width: 54 mm
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

The following plug types are in part also available as mounting variants from page 59 onwards, or are custom-made with a cable. We will be happy to advise you.

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 2 x 0.75 mm² H05VVH2-F 2 x 1.0 mm² H05VV-F 2 x 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 2 x 0.75 mm² H03VV-F 2 x 0.75 mm² H05VV-F 2 x 1.00 mm²

For international mounting plugs and couplings, see from page 59.

Swiss plug | SEV 1011 T23 (type J)

BACHMANN type: type 23, 10 A/16 A 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, 10A 2-pole with earthing contact	**Suitable for (e.g.):** H05VV-F3G 0.75 mm² H05VV-F3G 1.00 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-F3G 1.50 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

For international mounting plugs and couplings, see from page 59.

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
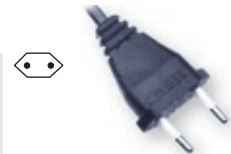
Contour plug | CEE 7/17

BACHMANN type: type 24 G

Suitable for (e.g.):
H05RN-F 2 x 1.00 mm²   H05BQ-F 2 x 1.00 mm²
H07RN-F 2 x 1.00 mm²   H07BQ-F 2 x 1.50 mm²
H07RN-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   H05BQ-F 2 x 1.0 mm²
H07RN-F 2 x 1.50 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

For international mounting plugs and couplings, see from page 59.

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	

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

For international mounting plugs and couplings, see from page 59.

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Notes

Pictograms and their meaning

#	Part number			Overvoltage protection
	Version			Mains and frequency filters
€	Price in €			Colour
	Socket outlet with earthing contact			Residual current circuit breaker
	UTE socket			Automatic switch-off
	Swiss socket (10 A)			Rewirable
	UK socket (3.15 A)		19"	Compatible with 19" racks
	European socket		C	Custom Module
	Italy / socket outlet with earthing contact		K	Keystone
	Italy socket (10 A)			USB Charger
	Socket orientation			Width
	Switch			Dimensions

Further information

Custom Module
Module that is screwed into an empty slot on a power strip.

Keystone
Module that is inserted into a Custom Module using a keystone mount.

In principle, all of our power strips have **a shutter.**
The CRAFTSMAN SOCKET OUTLET (p. 22) and the PDUs for IT power distribution (p. 232 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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