



Complete catalogue **2018**

We power your life.

English

**BACH
MANN**

**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

3 Editorial
by Peter Bachmann, CEO

6 About us
Facts and figures about BACHMANN

8 Product innovations
and new product variants

10 Technologies
and function modules

12 Independent monitor
An innovative form of presentation

14 Information on the page structure
Quick orientation on the catalogue pages

16 Power distribution
Power strips | Distributors | Adapters | Plugs/couplings |
Power cables | Cable management

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

170 Network and media technology
Custom Modules | Active media technology components |
Data cables | Audio/video cables

204 Lamps
Mobile | Stationary

216 Electrotechnical accessories
Inter BÄR

232 IT power distribution
AC power distribution units (PDU) |
DC power distribution units (PDU)

274 Glossary
Explanations of technical terms

276 International connector systems
Socket types | Plug types

282 BACHMANN International
Intercompany | Partners | Country Managers

284 Index
Sorted by part number

299 Pictograms
and their meaning



Quick finder

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

Power distribution

Power strips | Distributors | Adapters | Plugs/couplings |
Power cables | Cable management

POWER DISTRIBUTION

Connection panels

Integrated units | Surface-mounted units | Floor units

CONNECTION PANELS

Network and media technology

Custom Modules | Active media technology components |
Data cables | Audio/video cables

NETWORK AND MEDIA TECHNOLOGY

Lamps

Mobile | Stationary

LAMPS

Electrotechnical accessories

Inter BÄR

ELECTROTECHNICAL ACCESSORIES

IT power distribution

AC power distribution units (PDU) |
DC power distribution units (PDU)

IT POWER DISTRIBUTION

About us

1947

The year BACHMANN was founded

More than 2000

standard products

20

different design awards

12

subsidiaries

Over 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

For contact details of all **contacts**,
see page 282.

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.

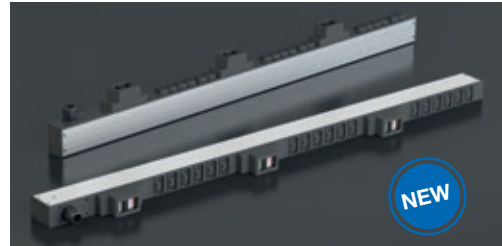
GPIO module | p. 241

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).



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 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.



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.



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.



Technologies and function modules

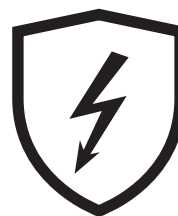
BACHMANN products are distinguished by their functionality and high technical standards. It is important to us that we tailor our products as specifically as possible to you. So, in addition to the standard functionalities, our products can be configured with the technologies and function modules presented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



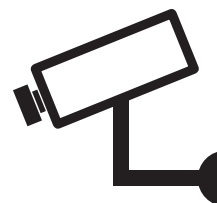
Residual current device/miniature circuit breakers

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.



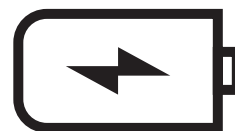
Radio modules (868 MHz and 433 MHz)

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 5V 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

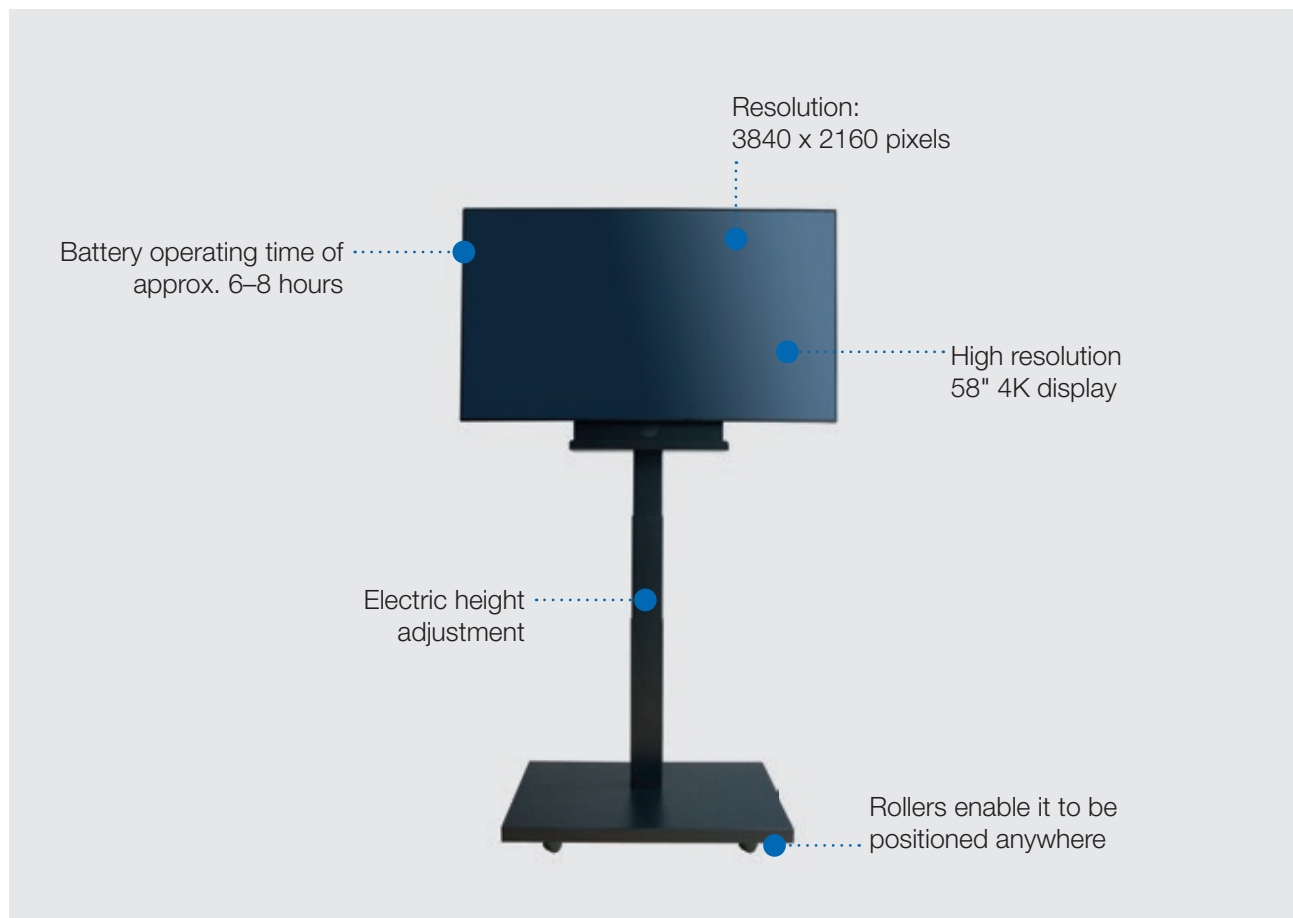
Digital Signage Solution

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")



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 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 iF product design



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: 0.2m cable with GST183 plug					
929.010	2			90°	
929.012			2	90°	
Power input: 2.0m 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: 2.0m 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

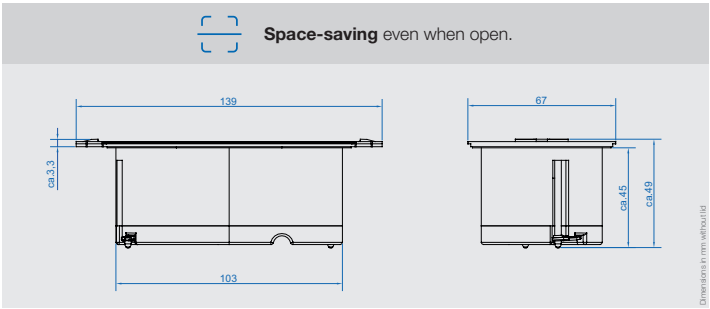
#	
Hole saw For installing DUE	
926.900	In wood/plastic Cutting depth up to 44 mm Diameter 56 mm
918.900	Mounting tool for hole saw with centre drill



CONNECTION PANELS

PRODUCT TABLES

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



Power strip and lid must be ordered separately

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

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

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.

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

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

CONNECT LINE	18
PRIMO	20
CRAFTSMAN SOCKET OUTLET	22
CONNECTUS	24
STEP	26
SMART	30
SELLY	33
UNIVERSAL	34
Garden socket outlets	36
Outdoor (IP44)	37

Distributors

Cable reels	38
Kitchen connection box	42
Cooker and appliance connection sockets	44
Surface-mounted socket outlet	44
Energy cubes	45
CEE distributors	46

Adapters

SMART Adapter	48
Timer switches	52
Energy measuring instrument	53
Thermostat adapter	53
Multiple plug	53
Travel adapters	54
Personal protection	55
CEE adapters	57

Plugs / couplings

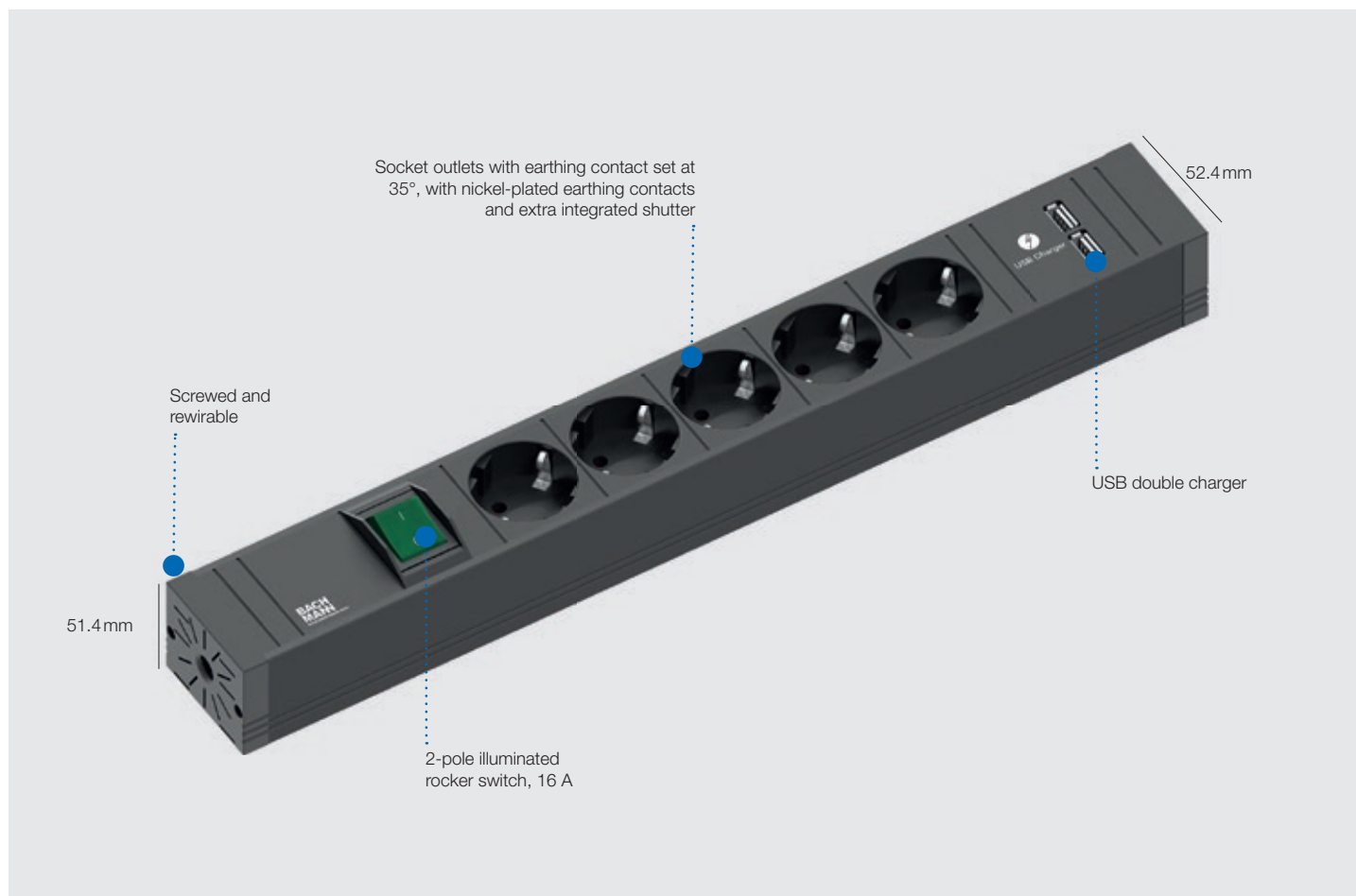
Mounting plugs / mounting couplings	59
Non-heating devices / heating devices	64
Wieland installation connection system	66

Power cables

Wieland installation connection system	68
Extension cables	71
Supply cables / connection cables	76
Spiral cables	84
Accessories	89

Cable management

Flexible cable guide	90
RIGID cable guide	95
LOOP	96



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

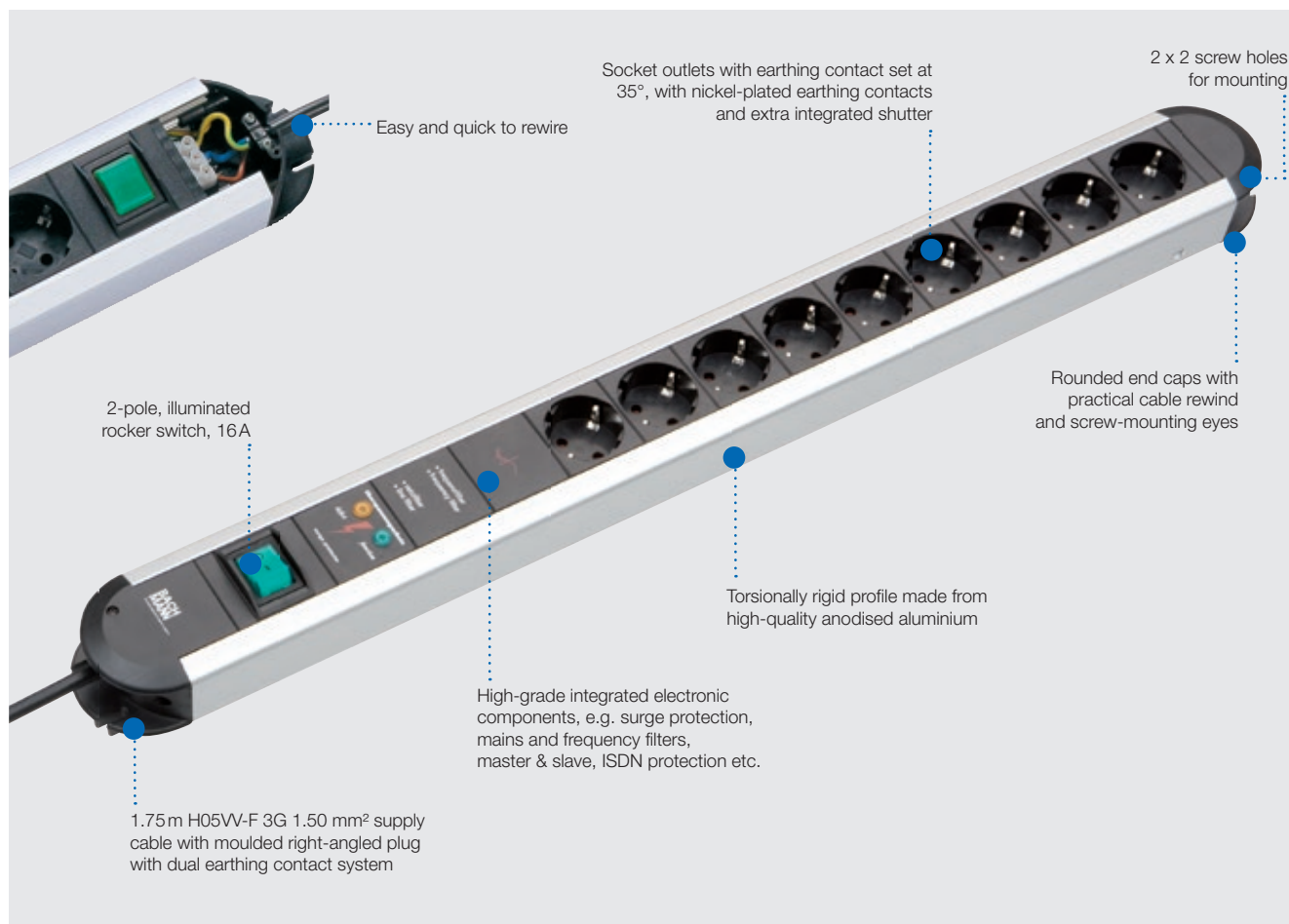
#							
420.0019	8	35°					438 mm
420.0014	7	35°	•				438 mm
420.0018	6	35°					353 mm
420.0021	5	35°	•			•	406 mm
420.0022	5	35°	•	•			396 mm
420.0013	5	35°	•				353 mm
420.0012	4	35°	•				311 mm
420.0017	4	35°					268 mm
420.0068	3	35°		•	•		368 mm
420.0069	3	35°		•			278 mm



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.



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 mm² with right-angled plug with earthing contact

#								
330.073	12	35°	•					690x71x54 mm
331.012	12	35°						690x71x46 mm
331.072	9	35°	•	•	•			690x71x54 mm
330.072	9	35°	•					560x71x54 mm
331.007	9	35°		•	•			645x71x47 mm
331.011	9	35°						560x71x46 mm
331.154	8	35°	•				•	560x71x54 mm
331.071	6	35°	•	•	•			560x71x54 mm
331.013	6	35°	•	•				474x71x54 mm
330.071	6	35°	•					431x71x54 mm
331.035	6	35°				•		516x71x83 mm
331.006	6	35°		•	•			515x71x47 mm
331.014	6	35°		•				474x71x54 mm
331.010	6	35°						431x71x46 mm
330.070	3	35°	•					304x71x54 mm
331.000	3	35°						304x71x46 mm

Master + Slave

333.071	1 M+6S	35°		•	•			695x71x47 mm
332.071	1 M+6S	35°						573x71x47 mm

ISDN | 1 x ISDN input | 3 x ISDN output

331.074*	6	35°	•	•	•			645x71x54 mm
----------	---	-----	---	---	---	--	--	--------------

15 mm spacing

331.055	6	90°	•	•	•		•	690x71x54 mm
---------	---	-----	---	---	---	--	---	--------------

85 mm spacing

331.032	5	35°						515x71x46 mm
---------	---	-----	--	--	--	--	--	--------------

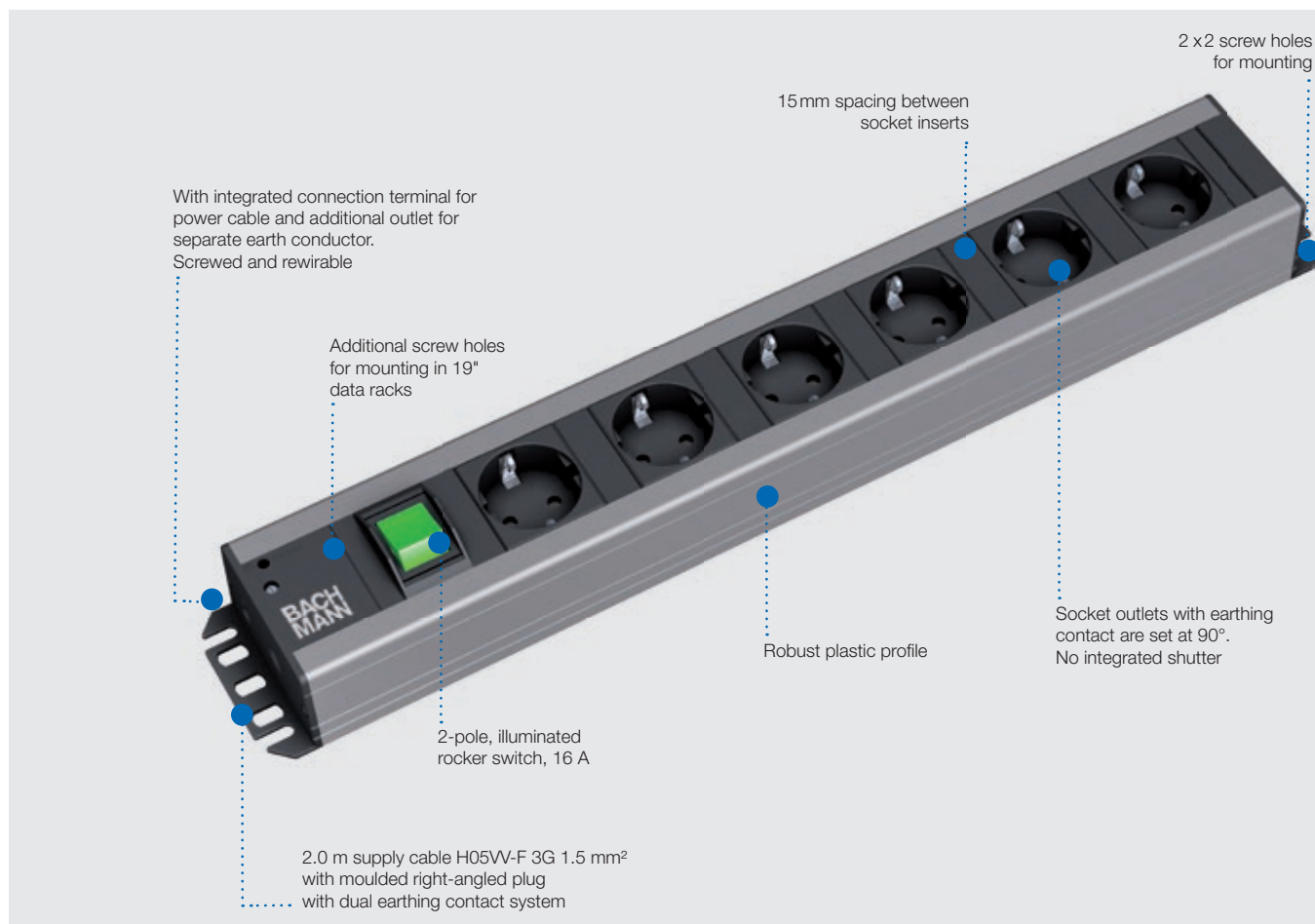
For IT power circuits | Socket colour: red

331.040	6	35°						390x71x46 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+5S	35°						670x71x47 mm
---------	--------	-----	--	--	--	--	--	--------------





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: 2.0m with right-angled plug with earthing contact

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

**CRAFTSMAN SOCKET OUTLET with 15 mm spacing between sockets**

· Supply cable: 2.0m 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

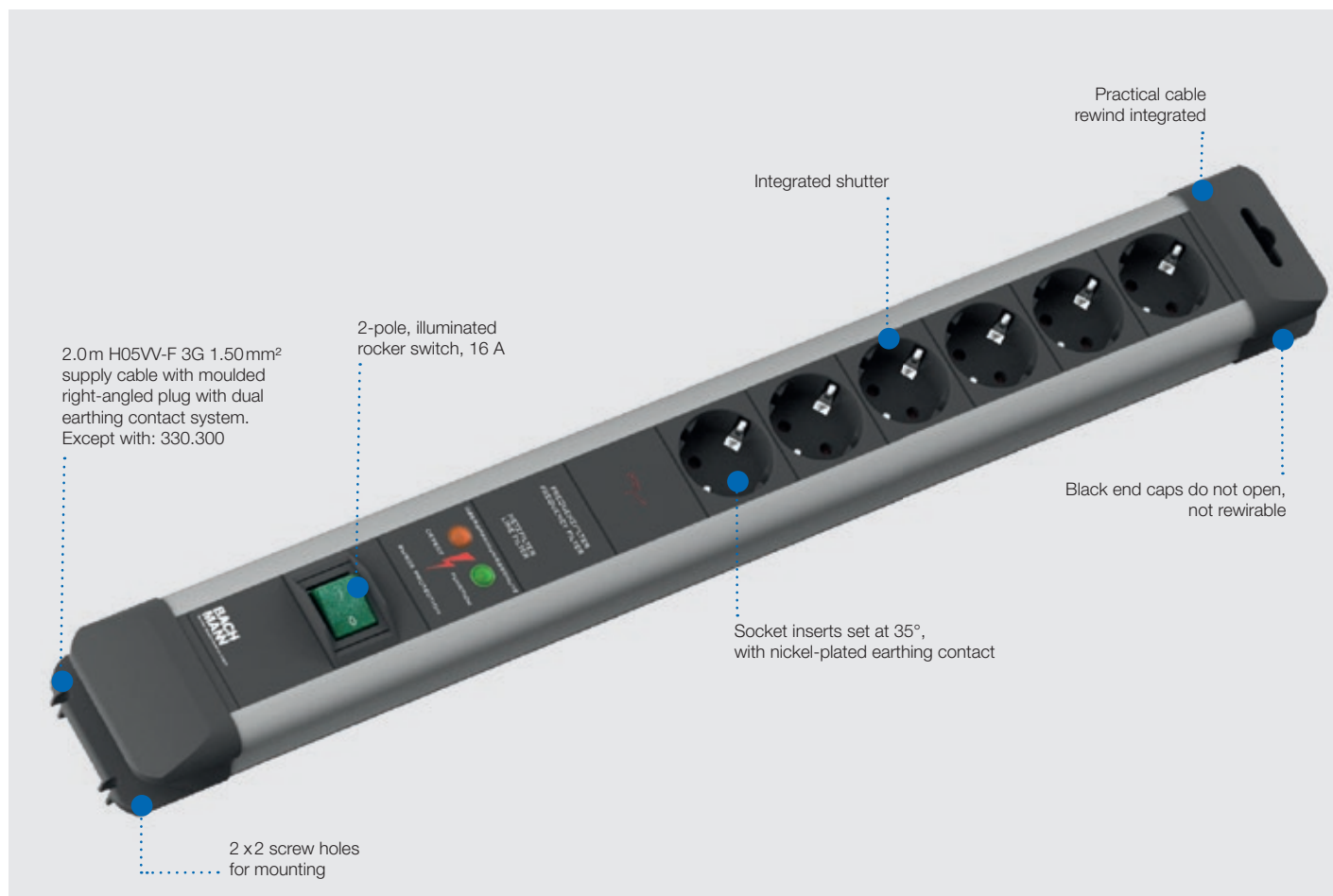
Can be switched off individually

300.050	6	90°	3					526 mm
300.049	4	90°	4					453 mm

Supply cable and switch on opposite sides

300.008	6	90°	•					488 mm
---------	---	-----	---	--	--	--	--	--------





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

#							
330.103	12		•				695x72x49mm
330.102	9		•				570x72x49mm
330.105	6		•	•	•		568x72x49 mm
330.104	6		•	•			480x72x49mm
330.101	6		•				440x72x49mm
330.100	4		•				355x72x49mm

Master + Slave

330.107	1 M+4 S			•	•		610x72x49mm
330.106	1 M+4 S						480x72x42 mm
330.106F*		1 M+4 S					480x72x49mm

Master + Slave | With external button

330.140	1 M+4 S					•	538x72x 49 mm
---------	---------	--	--	--	--	---	---------------

With external button | 1.5m cable to plug | 1.5m cable to switch

330.142	6						442x72x49 mm
330.153	6			•	•		572x72x49 mm

Orange switch

330.104F*		6	•	•	•		480x72x49mm
330.101F		6	•				440x72x49 mm
330.100F		4	•				355x72x49 mm

CONNECTUS

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

#		
330.300	3	273x72x46mm

10A micro fuse

330.300	3	273x72x46mm
---------	---	-------------





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 x52 x44 mm

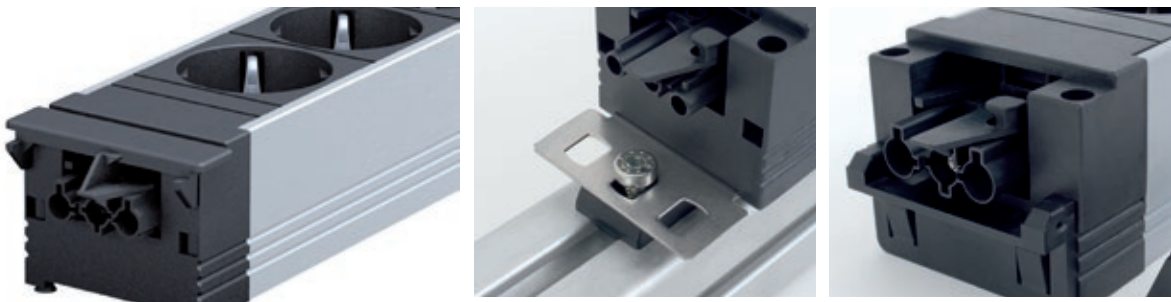
Profile: STEP BASE: plastic
STEP ALU: aluminium

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



For suitable device supply cables, see from page 66.

STEP ALU power strips

#									
---	--	--	--	--	--	--	--	--	--

STEP ALU

906.014	4					35°			263mm
336.039	3					35°			220mm
906.0113*	2					35°	●	1	263mm
906.001	2					35°		2	263mm
906.000	2					35°		1	220mm
336.079		2				45°		1	285mm
336.046			4			35°			263mm
906.1075			3			35°			220mm
906.009*			2			35°		2	263mm
906.002			2			35°		1	220mm
906.1086*				3		90°			220mm
906.080*				2		90°		2	263mm
906.071				2		90°		1	220mm
906.1109							●		146mm
906.1244					2	35°		2	285mm
906.0028					2	35°		1	242mm

STEP ALU | Socket colour: red

336.067	3					35°			220mm
336.088			4			35°			263mm
336.072			3			35°			220mm

STEP ALU + 1 switch | Switch only switches sockets

906.003	3					35°			263mm
---------	---	--	--	--	--	-----	--	--	-------

STEP ALU + 1 switch | Switch switches power output and sockets

906.031	3					35°			263mm
---------	---	--	--	--	--	-----	--	--	-------

STEP ALU + 1 switch + RCD | Switch switches power output and sockets

906.150	2					35°			359mm
---------	---	--	--	--	--	-----	--	--	-------

STEP ALU for Custom Modules set at 90° with outlet on side

906.024	2					35°		1 (90°)	220mm
906.0704*		2				90°		1 (90°)	220mm
906.093			2			35°		1 (90°)	220mm
906.0703*				2		90°		1 (90°)	220mm

STEP safety modules

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

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

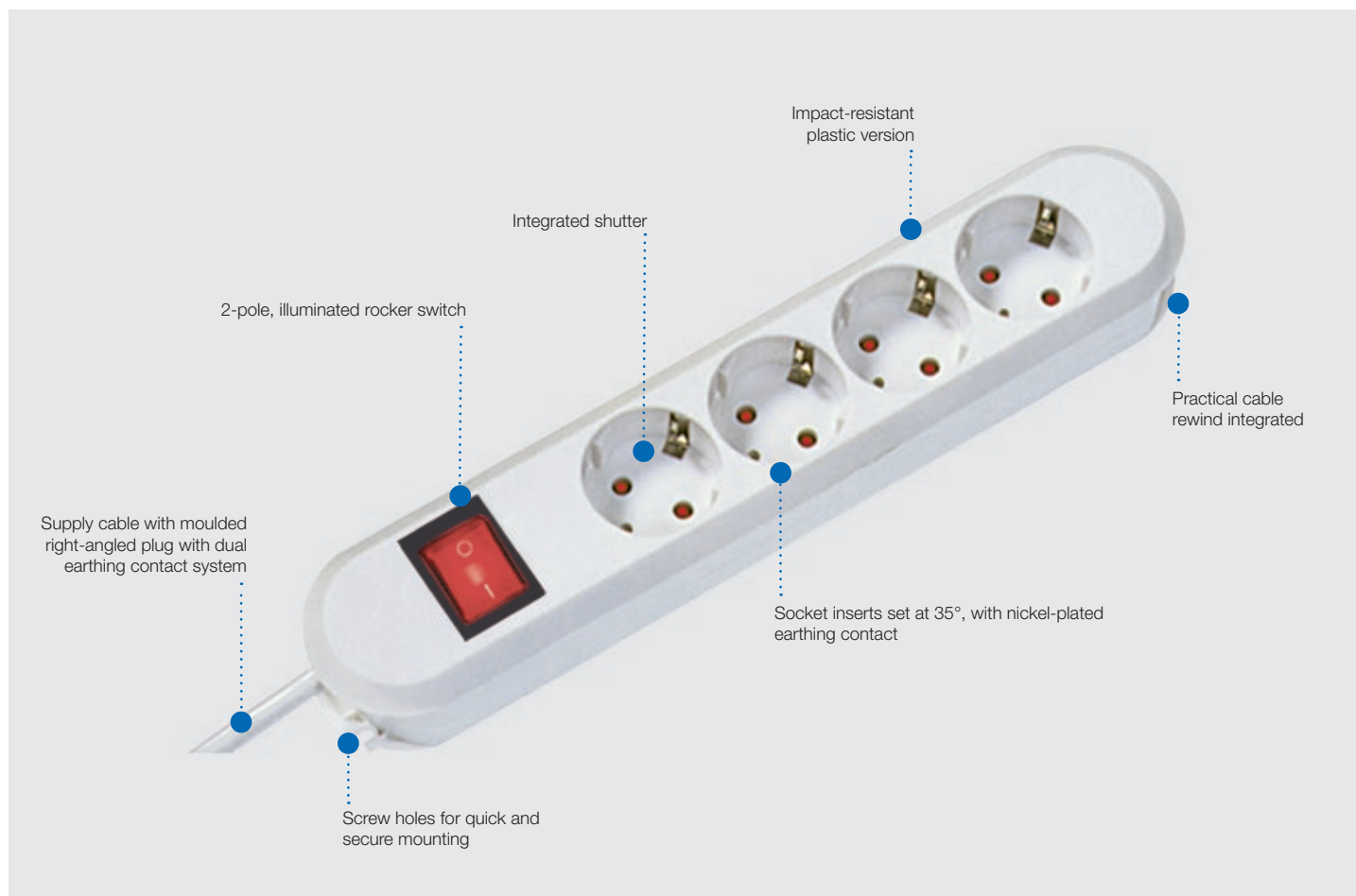
STEP safety modules

#	
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

STEP accessories

#	
375.502	Mounting accessories 4 x 2.9x30 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 2.9x30 mm
918.123	Double-sided mirror tape Double-sided adhesive mirror tape Dimensions 200 x 30 x 3 mm

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



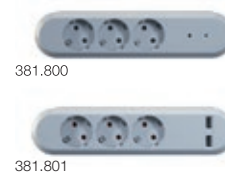
SMART

BENEFITS

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

SMART

#	
Radio SMART 3x 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 3x 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
 Radio SMART is compatible with Smart Adapters (p. 50).	



Dimensions (W x H x D): see table x56 x 41 mm
Profile: plastic

Colour variants:



SMART

#							
---	--	--	--	--	--	--	--

Supply cable: 5.0m H05VV-F 3G 1.50mm² 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: 3.0m H05VV-F 3G 1.50mm² 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: 1.5m H05VV-F 3G 1.50mm² with moulded right-angled plug with earthing contact

381.150K	6		•		•	350 mm	black
381.250K	6		•		•	350 mm	white
381.450K	6		•		•	350 mm	brown
381.2501K	6		•	•		390 mm	white
381.147K	6				•	350 mm	black
381.247K	6				•	350 mm	white
381.130K	4		•		•	290 mm	black
381.230K	4		•		•	290 mm	white
381.121K	4				•	290 mm	black
381.221K	4				•	290 mm	white
387.170	3					188 mm	black
388.170	3				•	188 mm	black
387.270	3					188 mm	white
388.270	3				•	188 mm	white

Without supply cable

381.246K	6				•	350 mm	white
381.223K	4				•	290 mm	white
385.170	3				•	188 mm	black
385.270	3				•	188 mm	white



381.248K



388.171



388.271



388.471



388.371



381.2512K



381.250K



381.2501K



381.230K



381.221K

Screw mounting

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

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



919.273

SMART PLUG power strip

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

#	
---	--

3-way multiple socket strip | With 1.6m 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 1.6m H05VV-F 3G 1.5

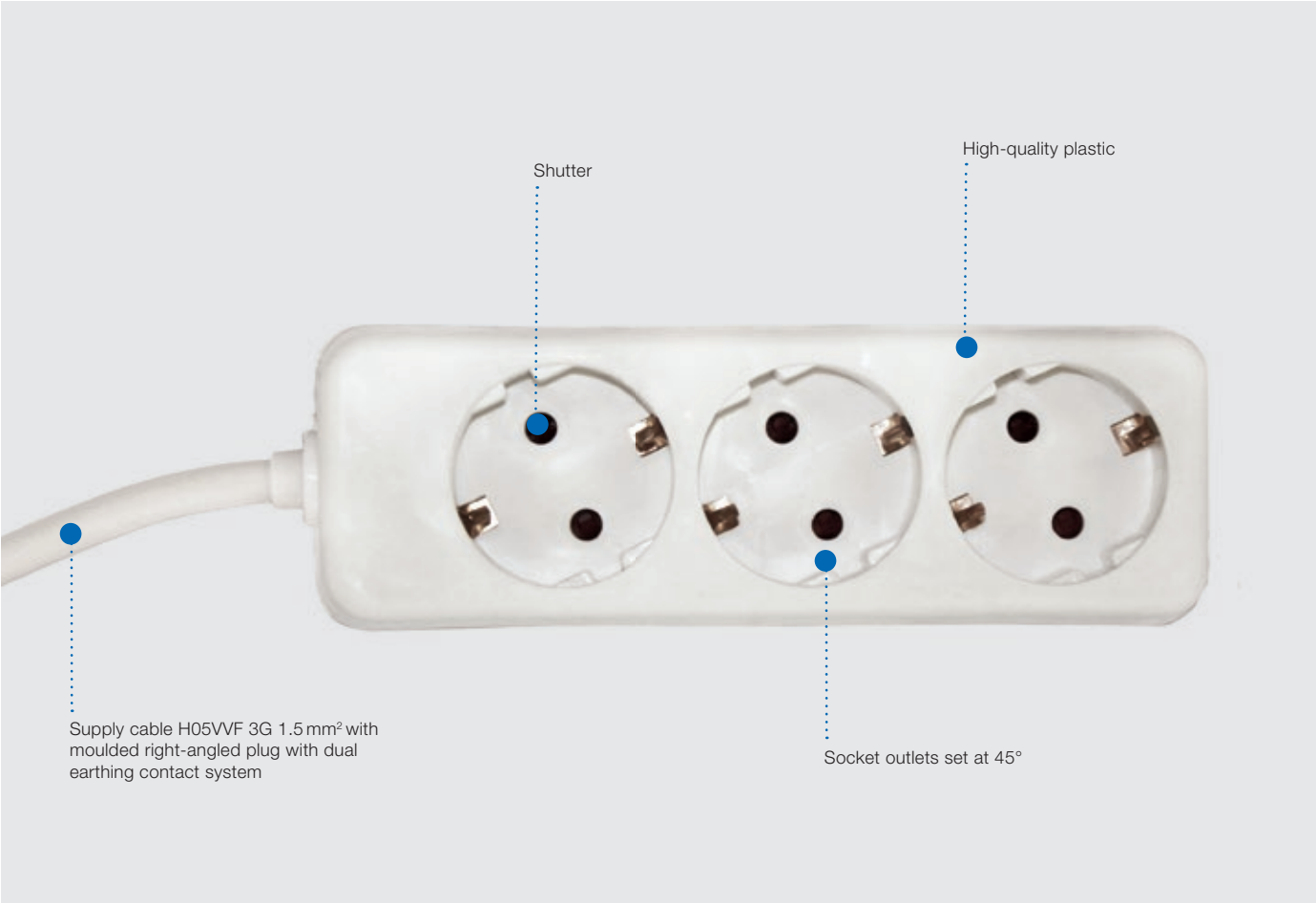
933.007	White
---------	-------



933.007



For other versions of the **SMART PLUG** and **FLAT PLUG**, see pages 59, 75 and 80.



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



 **Profile:** plastic

Colour variants:  



Illustration with CONI COVER

UNIVERSAL

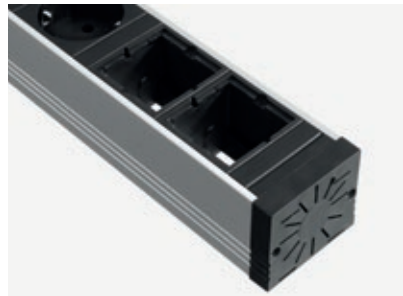
BENEFITS

- **Complete unit for power, data and media connections on desks and conference tables**
- **Includes 3.0m 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

#						
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

#						
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.

For suitable **mounting frames**, see from page 114.

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



Garden socket outlets

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

· With hinged lid, splash-proof

#	
2.0m cable H07RN-F 3G 1.50mm² 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 185x85x80 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

· 2.0m supply cable H07RN-F3G 2.50 mm²

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



349.185



349.184

Distributor for socket

#	
5x socket outlets with earthing contact	
349.046	4.5m H07RN-F 3G 1.5 mm ² with earthing contact plug With hinged lids and switch
4x socket outlets with earthing contact	
349.044	10.0m H07RN-F 3G 1.5 mm ² with earthing contact plug With hinged lids
3x socket outlets with earthing contact	
349.045	1.5m H07RN-F 3G 1.5 mm ² with earthing contact plug With hinged lids and switch
381.109	230V 16A 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 mm ² Black With central earthing contact plug
399.004	40 m H07RN-F3G 1.5 mm ² Black With central earthing contact plug
399.005	50 m H07RN-F3G 1.5 mm ² Black With central earthing contact plug
399.006	40 m H07RN-F3G 2.5 mm ² 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 mm ² 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 mm ² Black With CEE plug 16 A
Other	
399.010	Empty reel with closed plate for configuration by user Conforms to DGUV-I 203-006

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



399.000



399.012



399.007



399.010



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 mm ² 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 mm ² Reel body made from unbreakable plastic Cable: black Reel: black
399.186	40 m CEE plug Cable: H07RN-F 5G 2.50 mm ² 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 mm ² 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 mm ² 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 mm ² Central plug with dual earthing contact system Cable: black Reel: black
395.180	Cable: H05RR-F 3G 1.50 mm ² Central earthing contact plug Cable: black Reel: black
Plastic 50 m	
392.181	Cable: H05VV-F 3G 1.50 mm ² Central plug with dual earthing contact system Cable: black Reel: black
395.181	Cable: H05RR-F 3G 1.50 mm ² 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 mm ² Wheel diameter 285 mm Reel: black
Steel sheet 25 m	
398.183	Cable: H05VV-F 3G 1.50 mm ² Central plug with dual earthing contact system Cable: black Reel: silver
398.181	Cable: H05RR-F 3G 1.50 mm ² Central earthing contact plug Cable: black Reel: silver
Steel sheet 50 m	
398.182	Cable: H05RR-F 3G 1.50 mm ² 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 A/250 V~

#	
Plastic 25 m	
392.182	IP44 Cable: H07RN-F 3G 1.50 mm ² 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 mm ² 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 mm ² 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 mm ² 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 mm ² 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

**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~

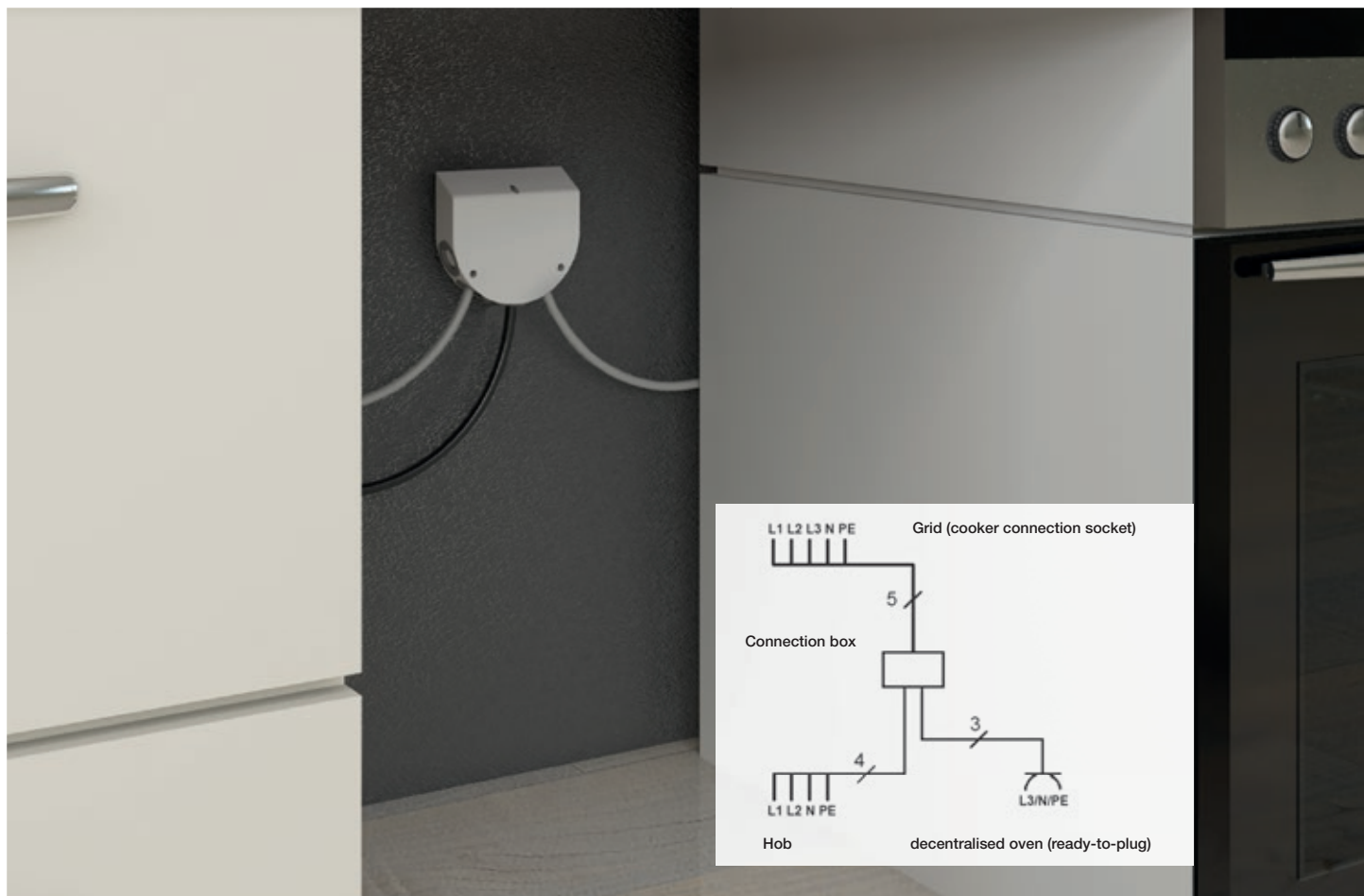
#	
10 m	
393.002	Max. load capacity: 3500 W fully unwound 1200 W fully wound Cable: black Box: black With shutter
20 m	
393.006	Highly shatter-proof version Max. load capacity: 3500 W fully unwound 1,000 W fully wound Cable: black Box: black/blue

**Spring-type 4-way cable reel with hinged lid**

· IP44

#	
15 m with automatic spring rewind	
392.187	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





Kitchen connection box

BENEFITS

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

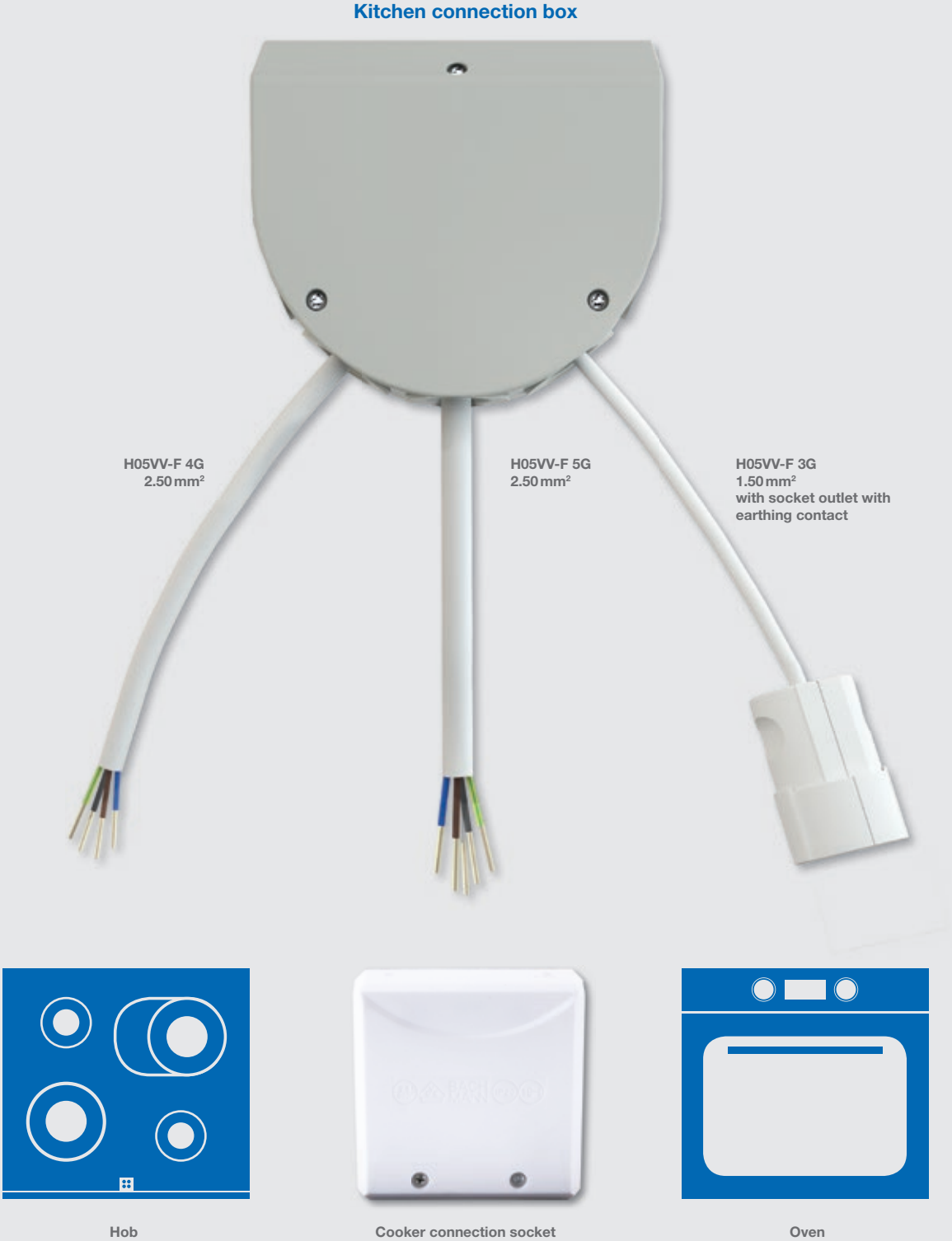
Kitchen connection box

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

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



923.000



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 5x2.50 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

For suitable **cooker connections**, see page 82.

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 1/2" input and 2 x 1/2" 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 1/2" input and 2 x 1/2" 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~



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 mm ² to 5G 2.5 mm ²
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 mm ² to 5G 4.0 mm ² Protection: 1 x C16 A miniature circuit breaker, 3-pole





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 | 2.0m supply cable H07RN-F5G 2.50mm²

349.008	Input: Output:	1 x CEE plug 16 A/400 V~ 2 x CEE sockets 16 A/400 V~ 4 x socket outlets with earthing contact 16 A/250 V~
---------	-------------------	---

CEE distributor with protection | 4.0m supply cable H07RN-F5G 4.00mm²

349.009	Input: Output: Protection:	1 x CEE plug 32 A/400 V~ 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~ 1 x C16 A miniature circuit breaker, 3-pole 2 x C16 A miniature circuit breakers, 1-pole
---------	----------------------------------	--

349.010	Input: Output: Protection:	1 x CEE plug 32 A/400 V~ 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~ 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 | 2.0m H07RN-F 5G 4.00mm²

349.011	Input: Output: Protection:	1 x CEE plug 400 V~ / 32 A/5-pole 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 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 | 2.0m supply cable H07RN-F5G 6.00mm²

349.020	Input: Output: Protection:	1 x CEE plug 32 A/400 V~ 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~ 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



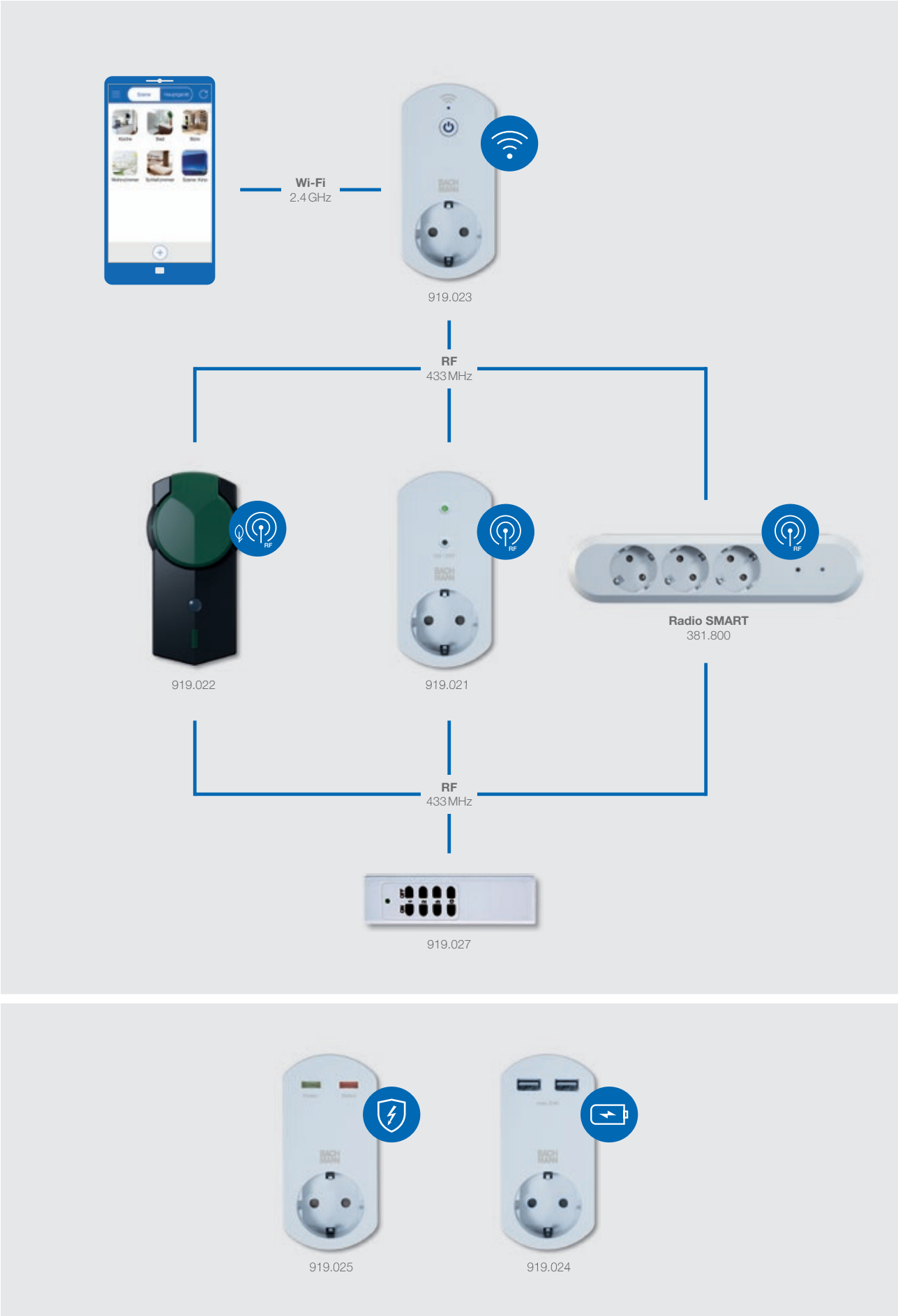
SMART Adapter

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**



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

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
---------	--

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
---------	--

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
---------	--

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)
---------	---

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
---------	---

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
---------	--



919.023



919.021



919.022



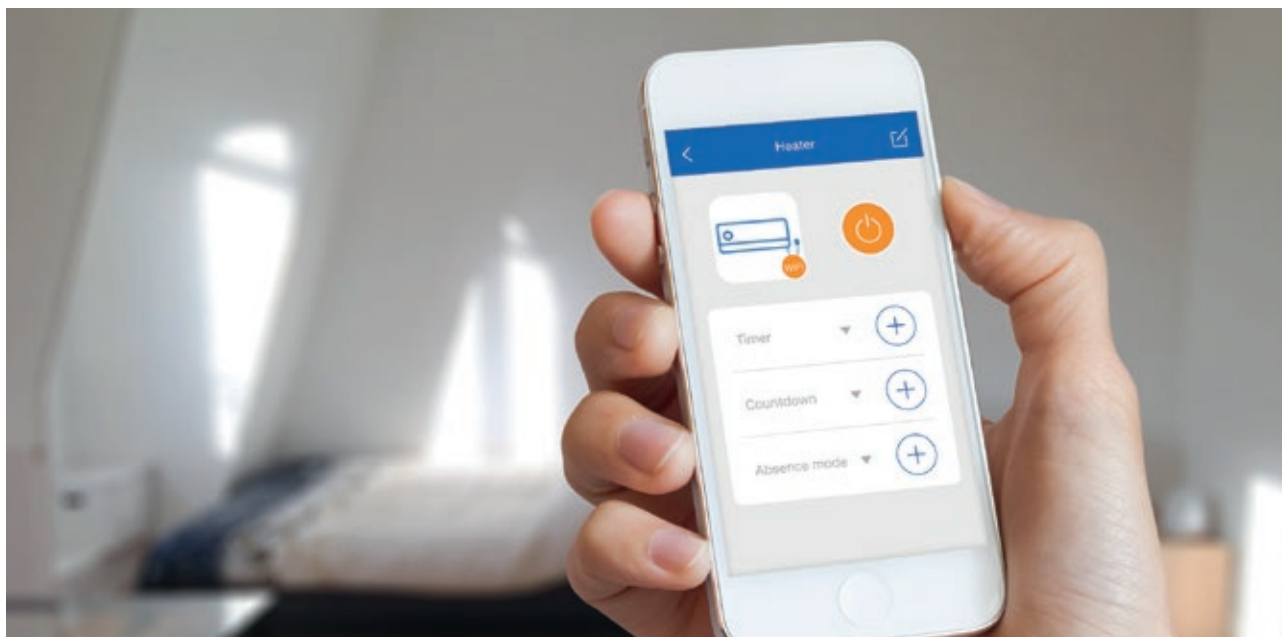
919.024



919.025

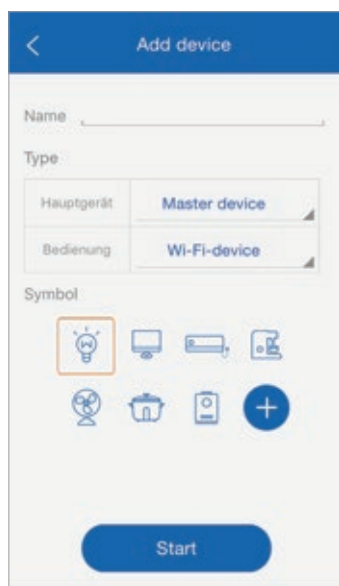
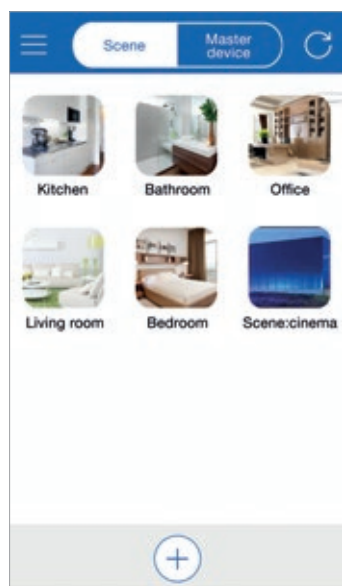


919.027



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
---------	---

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



852.101



852.107



852.104



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

#	
924.1740	Series 8141 power socket Thermo 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	15A/125V~ Plug pin side: USA
UTE	
921.005	10/16A/250V~ Plug pin side: France, Belgium, Czech Republic, Poland
UK	
921.010	13A/250V~ Plug pin side: UK, Ireland, Malta, Hong Kong, Cyprus Integrated 13A micro fuse, replaceable
900.1077	13A/250V~ Replacement fuse/13A micro fuse, 3.3x254 mm (agile fuse)
T12	
921.011	10A/250V~ 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 10/16A/250V~	
921.000	2-pole and 3-pole Grey Plug pin side: earthing contact, Germany, France, Belgium, with dual earthing contact system Socket side: universal, suitable for all standard plugs Worldwide, with shutter
Travel plug 15A/125V~	
921.003	3-pole White Plug pin side: earthing contact, Germany, France, Belgium, with dual earthing contact system Socket side: USA
Travel plug 10A/250V~	
921.012	3-pole White Plug pin side: earthing contact Germany Socket side: T12 (Switzerland)



921.000



921.003

Travel plug adapters

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

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



914.670



914.672



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 mm ² rubber cable



919.284



919.183

CEE adapters

CEE adapter, 400V~, IP44

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

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

Protection: 3 x 10A fuse

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

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

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

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

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

CEE wall-mounted combination socket, 400V~, 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 400V~ 1 x socket outlet with earthing contact 250V~



349.012



349.006



349.028



349.029



349.033



349.183



349.007



349.013



349.027



349.035



910.002



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

Start inrush current limiter, IP44

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



Mounting plugs / mounting couplings

SMART PLUG

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

#	
Mounting plug – rewirable	
933.008	Black
933.009	White



FLAT PLUG

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

#	
Mounting plug – rewirable	
933.001	Black
933.002	White



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

For other versions of the **SMART PLUG** and **FLAT PLUG**, see pages 32, 75 and 80.

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 2x 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



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 mm ²	
960.101	Black
960.201	White
960.301	Grey
Central plug DIN 49441 Large version Shatter-proof plastic with strain relief H05VV-F 3G 1.0 mm ²	
910.971	Grey
Central plug DIN 49441 Small version Shatter-proof plastic, with strain relief H05VV-F 3G 1.0 mm ²	
910.170	Black
910.270	White
910.470	Brown
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 mm ²	
960.102	Black
960.202	White
960.302	Grey
Right-angled plug Small version Shatter-proof plastic, with lateral earthing contact H05VV-F 3G 1.5 mm ²	
911.172	Black
911.272	White
Flat plug/angled Shatter-proof design, with side entry H05VV-F 3G 1.50 mm ²	
911.170	Black
911.270	White
911.470	Brown
Right-angled plug with switch Shatter-proof version made from plastic, with 2-pole rocker switch H05VV-F 3G 1.50 mm ²	
911.171	Black
911.271	White
Right-angled plug with control switch Shatter-proof version made from plastic, with 2-pole illuminated rocker switch H05VV-F 3G 1.50 mm ²	
911.273	White
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 mm ² With dual earthing contact system and nickel-plated contacts, e.g. Germany and France	
910.100	Black
910.200	White



960.101



910.971



910.270



960.102



911.272



911.270



911.271



911.273



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



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

**International earthing contact plugs**

#	
Switzerland CH, 10 A/250 V~ Cables up to 3G 1.00 mm ² 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 mm ² Plastic version Integrated 13A 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

**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



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 mm ² , 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 mm ² , 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 mm ² , 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 mm ² , 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



915.175



915.174



917.173



917.172

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 mm ² 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



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 RAL7035)
C21 heating device socket 16 A/250 V~ 155 °C Protective rubber sleeve for cable mounting	
918.171	Black



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

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

**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 plugCable: H05VV-F 3G 1.00 mm² | End 1: CH/Switzerland plug | End 2: Wieland GST18i3 socket

375.016	1.5 m	Black
375.017	3.0 m	Black
375.018	5.0 m	Black

**GST18/13 A UK plug**Cable: H05VV-F 3G 1.50 mm² | End 1: 13 A UK plug | End 2: Wieland GST18i3 socket

375.068	2.0 m	Black
375.069	3.0 m	Black
375.070	4.0 m	Black

**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



GST18 device extension cable

#	
---	---

GST18/GST18Cable: H05VV-F 3G 1.50mm² | End 1: Wieland GST18 i 3 plug | End 2: Wieland GST18 i 3 socket

375.050	0.3m
375.053	1.0m
375.038	2.0m
375.055	3.0m



375.050

GST18/GST18 | Halogen-free cableCable: H05Z1Z1-F3G 1.50mm² | End 1: Wieland GST18 i 3 plug | End 2: Wieland GST18 i 3 socket

375.080	0.3m
375.081	1.0m
375.082	2.0m
375.083	3.0m

GST15/GST18 device extension cable

#	
---	---

GST15/GST18Cable: H05VV-F 3G 1.50 mm² | End 1: Wieland GST15 i 3 plug | End 2: Wieland GST18 i 3 socket

375.127	1.5m
375.128	3.0m
375.129	5.0m



375.127

ST18 device supply cable / device extension cable

· Old connector system, cannot be plugged in under load

#	
---	---

ST18/earthing contact plug device supply cableCable: H05VV-F 3G 1.50mm² | End 1: right-angled plug with earthing contact | End 2: Wieland ST18/3 socket

375.079	2.0m
375.040	3.0m
375.076	5.0m



375.079

ST18/ST18 device extension cableCable: H05VV-F 3G 1.50mm² | End 1: Wieland ST18/3 plug | End 2: Wieland ST18/3 socket

375.071	0.5m
375.072	1.0m
375.073	1.5m
375.064	3.0m



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

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	5.0m Black
344.171	10.0m Black
344.172	25.0m Black

Cable: H07RN-F5G 1.50 mm² | With phase inverter

344.174	10.0m Black
344.175	25.0m Black

Cable: H07RN-F5G 2.50 mm²

347.170	5.0m Black
347.171	10.0m Black
347.172	25.0m 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	5.0m Black
346.171	10.0m Black
346.172	25.0m Black

Cable: H07RN-F5G 6.00 mm²

348.171	10.0m Black
348.172	25.0m 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	5.0m Black
343.175	10.0m Black
343.176	25.0m 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	5.0m Black
343.171	10.0m Black
343.172	25.0m Black
343.173	50.0m Black

Cable: H07RN-F3G 2.50 mm²

343.191	10.0m Black
343.192	25.0m 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	10.0m Black
343.177	25.0m 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 1.50mm²	
343.373	15.0m Red
343.370	25.0m Red
343.372	35.0m Red
343.371	50.0m Red

**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 1.50mm²	
341.879	10.0m Orange
341.870	25.0m Orange

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



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	2.0m White
233.184	2.0m Black
233.285	3.0m White
233.185	3.0m Black
233.286	5.0m White
233.186	5.0m Black

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

**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	0.5m Black
356.910	0.5m Grey
356.1732	0.75m Black
356.911	0.75m Grey
356.1733	1.0m Black
356.918	1.0m Grey
356.183	1.5m Black Unpacked
356.935	1.5m Grey
356.174	2.0m Black Unpacked
356.936	2.0m Grey
356.175	3.0m Black Unpacked



SMART PLUG extension cable

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

#	
Coupling with earthing contact With 3.0m H05VV-F 3G 1.5	
933.010	Black
933.011	White
Coupling with earthing contact With 1.5m H05VV-F 3G 1.5	
933.012	Black
933.013	White



FLAT PLUG extension cable

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

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



For other versions of the **SMART PLUG** and **FLAT PLUG**, see pages 32, 59 and 80.

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	3.0m Orange Unpacked
328.876	5.0m Orange Unpacked
Cable: H07BQ-F 3G 1.50 mm² Diameter approx. 8.6 mm	
327.875	3.0m Orange Unpacked
327.876	5.0m 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	2.0m Black Unpacked
321.175	3.0m Black Unpacked
321.176	5.0m Black Unpacked
Cable: H07RN-F 3G 1.00 mm² Diameter approx. 8.9 mm	
320.174	2.0m Black Unpacked
320.185	3.0m Black Individually packed
320.175	3.0m Black Unpacked
320.186	5.0m Black Individually packed
320.176	5.0m Black Unpacked
Cable: H07RN-F 3G 1.50 mm² Diameter approx. 9.5 mm	
322.184	2.0m Black Individually packed
322.174	2.0m Black Unpacked
322.185	3.0m Black Individually packed
322.175	3.0m Black Unpacked
322.186	5.0m Black Individually packed
322.176	5.0m Black Unpacked
Cable: H07RN-F 3G 2.50 mm² Diameter approx. 11.3 mm	
323.185	3.0m Black Individually packed
323.186	5.0m 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	2.0m White Unpacked
301.174	2.0m Black Unpacked
301.974	2.0m Grey Unpacked
301.275	3.0m White Unpacked
301.175	3.0m Black Unpacked

Cable: H05VV-F 3G 1.00 mm² | Diameter approx. 7.0 mm

304.274	2.0m White Unpacked
304.284	2.0m White Individually packed
304.174	2.0m Black Unpacked
304.184	2.0m Black Individually packed
304.974	2.0m Grey Unpacked
304.275	3.0m White Unpacked
304.285	3.0m White Individually packed
304.175	3.0m Black Unpacked
304.185	3.0m Black Individually packed
304.276	5.0m White Unpacked
304.176	5.0m Black Unpacked

Cable: H05VV-F 3G 1.50 mm² | Diameter approx. 8.0 mm

305.274	2.0m White Unpacked
305.284	2.0m White Individually packed
305.174	2.0m Black Unpacked
305.184	2.0m Black Individually packed
305.974	2.0m Grey Unpacked
305.275	3.0m White Unpacked
305.285	3.0m White Individually packed
305.175	3.0m Black Unpacked
305.185	3.0m Black Individually packed
305.975	3.0m Grey Unpacked
305.276	5.0m White Unpacked
305.176	5.0m 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	1.5m White Unpacked
312.174	2.0m Black Individually packed
312.275	3.0m White Individually packed
312.175	3.0m 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 2x 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

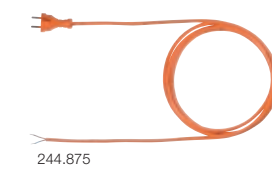
#	
	

Cable: H05BQ-F 2x 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 2x 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 2x 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 2x 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

**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 2x 1.00 mm² | Diameter approx. 6.5 mm

241.275	3.0m White Unpacked
241.175	3.0m Black Unpacked

**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 2x 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



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 2x 0.75 mm²	
211.274	1.8 m White Unpacked
211.174	1.8 m Black Unpacked

**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

**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



For other versions of the **FLAT PLUG**, see pages 32, 59 and 75.

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 1.50mm²	
356.1971	0.5m Black Individually packed
356.937	0.5m Grey Individually packed
356.1972	0.75m Black Individually packed
356.938	0.75m Grey Individually packed
356.1973	1.0m Black Individually packed
356.939	1.0m Grey Individually packed
356.1974	1.5m Black Individually packed
356.940	1.5m Grey Individually packed
356.1975	2.0m Black Individually packed
352.174	2.0m Black Unpacked
356.941	2.0m Grey Individually packed
352.175	3.0m 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 1.00mm² Diameter approx. 7.0mm	
361.174	2.0m Black Unpacked
361.184	2.0m 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 1.00mm² Diameter approx. 6.5mm	
372.174	2.0m Black Unpacked
372.184	2.0m 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 1.00mm² Diameter approx. 7.0mm	
373.174	2.0m 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

**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

**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

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	1.5m
130.081	3.0m
150.072	50.0m ring
FEP/PVC 3 x 1.50 mm²	
131.080	1.5m
131.081	3.0m
150.070	50.0m ring
FEP/PVC 5 x 0.75 mm²	
132.080	1.5m
132.081	3.0m
151.072	50.0m ring
FEP/PVC 5 x 1.50 mm²	
133.080	1.5m
133.081	3.0m
151.070	50.0m 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. See from page 276 (international plugs and couplings).



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 1.50mm², 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 1.50mm², 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 2x 1.00mm², 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 1.50mm², 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

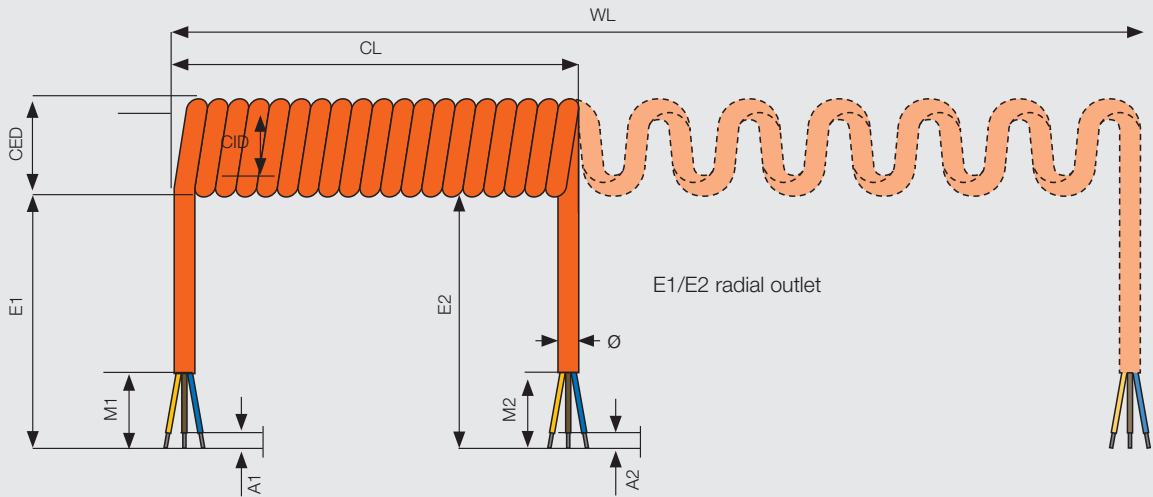
Spiral cable, PUR

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

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



693.280



- 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 1.50mm², diameter approx. 9.5mm, CID: approx. 13mm, CED: approx. 32mm	
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 1.50mm², diameter approx. 11.3mm, CID: approx. 18mm, 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 1.50mm², diameter approx. 13.9mm, CID: approx. 18mm, CED: approx. 46mm	
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 2.50mm², diameter approx. 10.8mm, CID: approx. 18mm, CED: approx. 40mm	
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 2.50mm², diameter approx. 13.7mm, CID: approx. 18mm, CED: approx. 46mm	
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

#	
YM11Y-J 3G 1.50mm², diameter approx. 8.0mm, CID: approx. 13mm, CED: approx. 29mm	
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

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 5x 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

#	
904.100	Light grey Suitable for cable diameters from H05VV-F 3G 1.50mm ² to H07RN-F3G 1.50mm ² UV-resistant Suitable for e.g. SMART art. 387.270 Usable surface: WxHxD: 280x120x190mm



904.100

Cable box set, IP44

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

#	
924.351	Black 230V~ 16A Cable types up to H07RN-F 3G 2.50mm ²



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

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



919.371

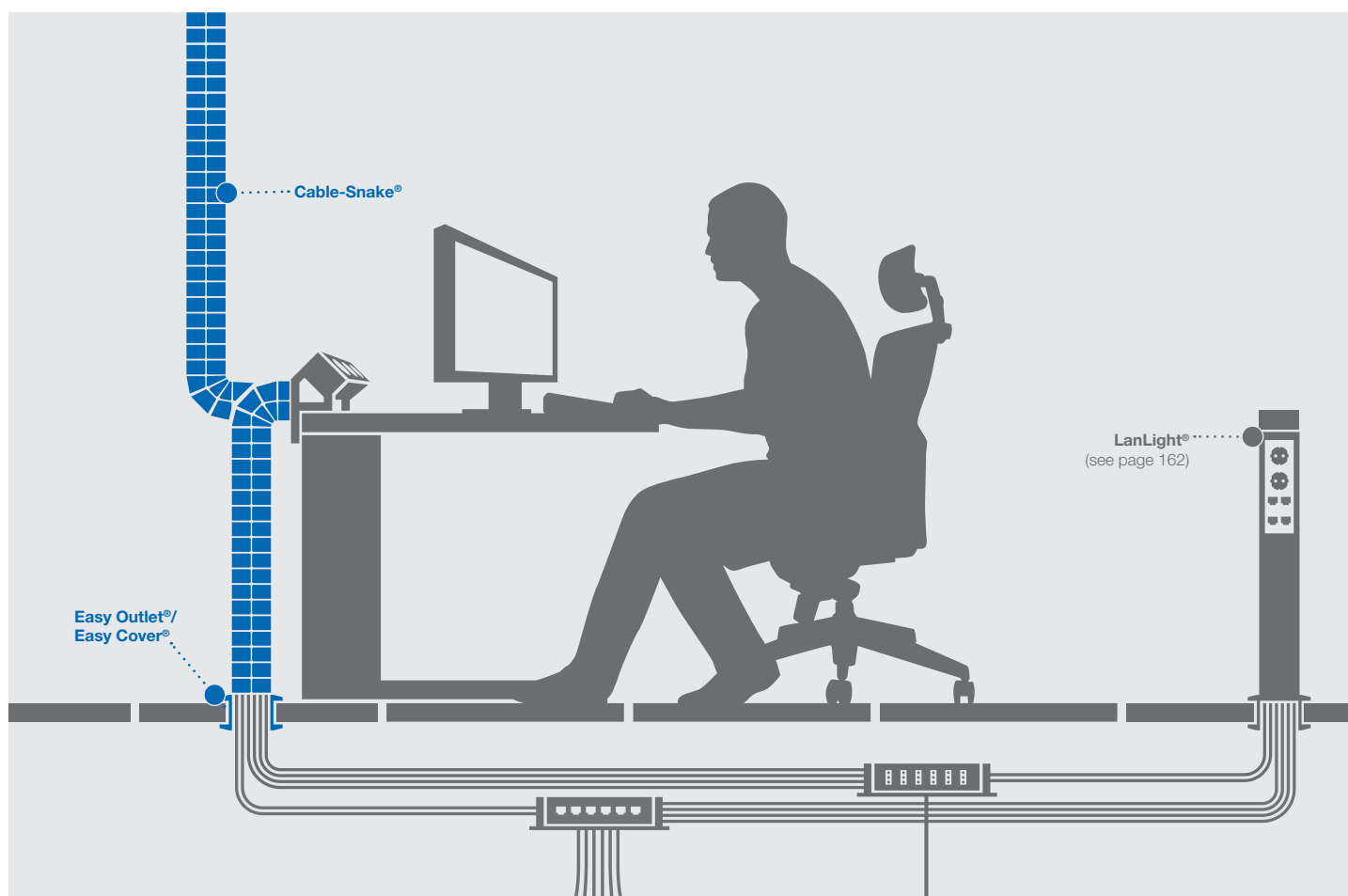
Cable-carrying aid

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

#	
394.179	Orange



394.179



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

930.030	Black
930.031	Silver

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

930.058	Black
930.059	Silver

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

930.032	Black
930.033	Silver

Cable-Snake® Premium Set | Vertical cable guide | Stylish premium set: 16 chain links, W x H: approx. 70 x 35 mm | 1 x metal base plate in appropriate colour | 1 x table 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

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

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

Cable-Snake® FLEX II Set | Vertical cable guide | 38 chain links, W x H: approx. 55 x 22 mm | 1 x metal base plate in appropriate colour | 1 x table 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

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



930.031



930.059



930.033



930.050



930.017



930.019



930.023



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. 22.3x22.3 cm/base approx. 24 x 24 cm Hole diameter 80 mm including Easy Outlet® telescopic lid

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



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
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
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
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
Easy-Switch® distributor For Cable-Snake® Classic, Cube and Pro 3-way distributor Includes 4 coupling links of Cable-Snake® Cube	
930.034*	Black
930.035*	Silver
Easy-Switch® distributor including vertical connection for Cable-Snake® Premium For Cable-Snake® Classic, Cube and Pro 4-way distributor with fixing screw and base plate Includes 4 coupling links of Cable-Snake® Cube	
930.057*	Black
Easy-Cap® Cover cap for Easy-Switch connections that are not needed	
930.044*	Black
930.045*	Silver
Easy-Clip-S® Floor outlet adapter for all common floor outlets For Cable-Snake® Classic	
930.036*	Black L x W: approx. 86 x 47 mm
Easy-Clip-L® Floor outlet adapter for all common floor outlets For Cable-Snake® Pro and Cube	
930.054*	Black L x W: approx. 91.5 x 51 mm



930.138



930.139



930.164



930.165



930.034



930.057



930.036

Ceiling connection

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



930.094



930.096



930.097

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	1.0m
930.901	2.0m
930.902	3.0m
Diameter 5.08 cm = 2 inch Black	
930.903	1.0m
930.904	2.0m
930.905	3.0m



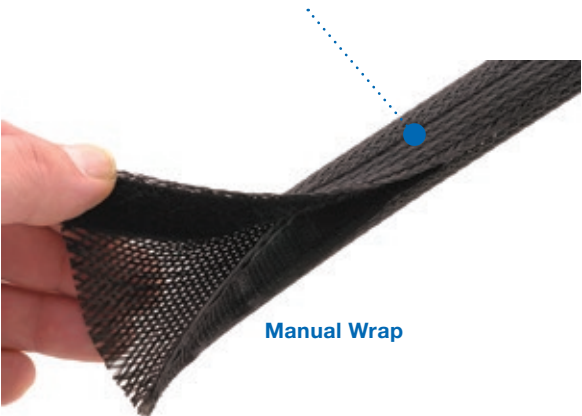
Manual Wrap

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

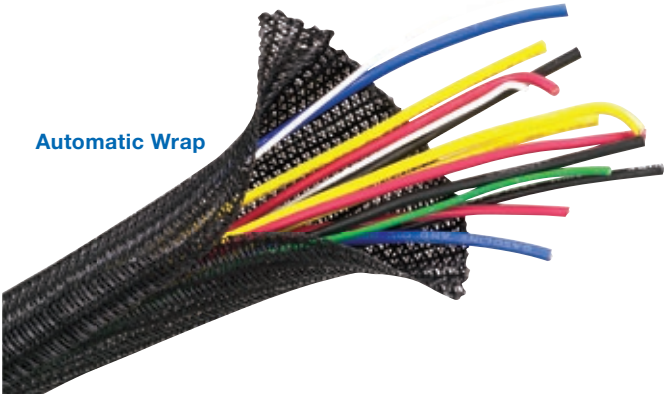
#	
Diameter 3.18 cm = 1 ¼ inch Black	
930.906*	1.0m
930.907*	2.0m
930.908*	3.0m
Diameter 5.08 cm = 2 inch Black	
930.909*	1.0m
930.910*	2.0m
930.911*	3.0m



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

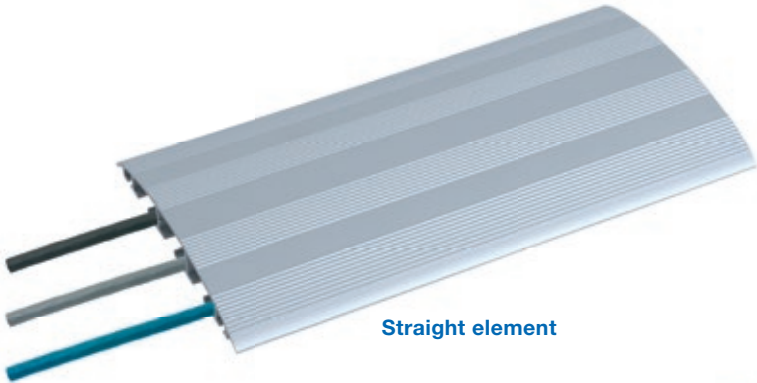
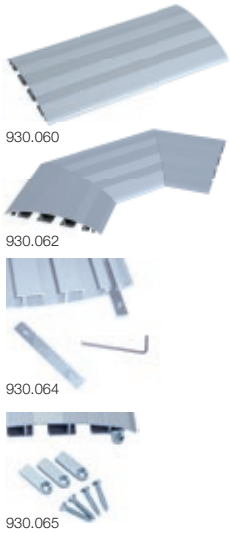


Automatic Wrap

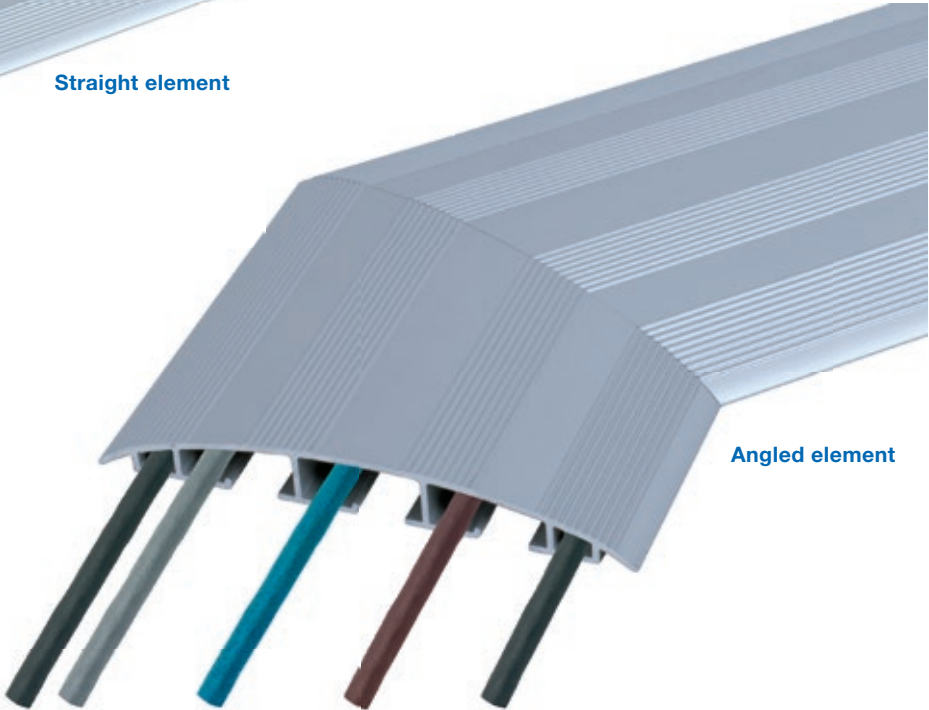
CABLE BRIDGE – the cable duct

- WxH 146x19 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	1.0m
930.061	2.0m
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



Straight element



Angled element



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



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)



Variant 1: LOOP ROUND



LOOP ROUND
Ring
930.301

LOOP ROUND
Lid
930.301

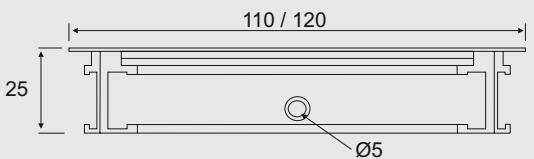
Variant 2: LOOP ROUND + LOOP IN



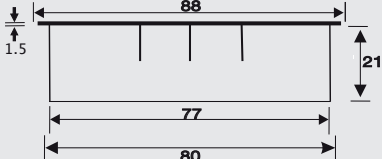
LOOP ROUND
Ring
930.301

LOOP IN
Power input with
cable gland
938.001

LOOP SQUARE



LOOP ROUND



 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

VENID	100
CONFERENCE	102
TOP FRAME	104
CONI	108
CONI DUO	110
CONI COVER	114
CONEO	118
POWER FRAME COVER	120
POWER FRAME	122
KAPSA	126
DUE	130
TWIST	132
LOOP IN	135
PIX	136
ELEVATOR	140
LIFT	144
WIRELESS CHARGER	148

Surface-mounted units

DESK 2	150
DESK 2 ALU BLACK	154
DESK 1	156
CASIA	160

Floor units

LanLight®	162
Consolidation Point	166



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

#								
Medium Anodised aluminium profile Power input: 0.2m 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



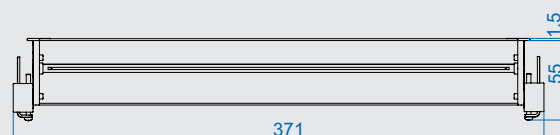
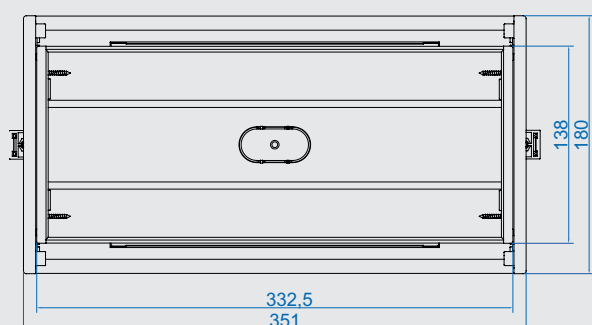
936.004



936.015



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



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.

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



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



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

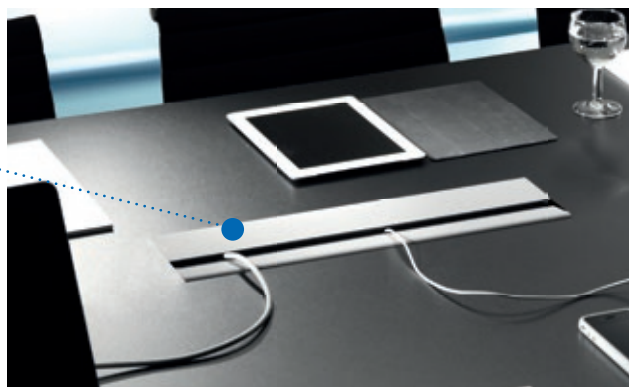
Colour variants:



Frameless

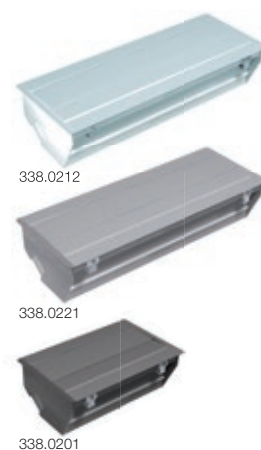
CONFERENCE without a frame is fitted from the underside of the tabletop. Therefore, only the pivoting flaps are visible on the tabletop.

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 (WxH): 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 (WxH): 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)

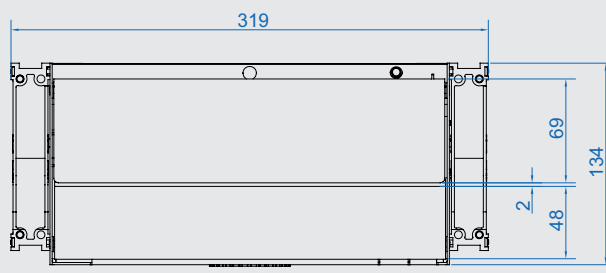
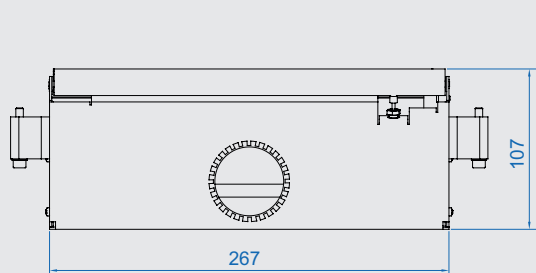


CONFERENCE without frame

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



A veneer can be glued to the surface.



CONFERENCE without frame - Medium | Dimensions in mm



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

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



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

#	
Base Black housing (powder-coated)	
925.101	X-large Dimensions (WxHxD): 483x92x98 mm
925.100	Medium Dimensions (WxHxD): 300x92x98 mm
X-large lid For mounting on TOP FRAME base (#925.101) With fixing screws	
925.0034	Aluminium (anodised & blasted/EV1)
925.0049	Black (anodised & blasted/EV6)
925.0023	Aluminium (anodised, E1/EV1)
Medium lid For mounting on TOP FRAME base (#925.100) With fixing screws	
925.0044	Aluminium (anodised & blasted/EV1)
925.0047	Black (anodised & blasted/EV6)
925.0022	Aluminium (anodised, E1/EV1)



925.101



925.0034



925.0049



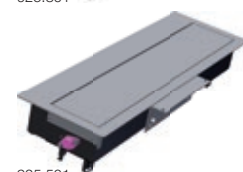
925.0023

TOP FRAME with frame

#	
X-large Colour: grey metallic (powder-coated, similar to RAL9006) Black housing (powder-coated)	
925.801	Symmetrical Dimensions (WxHxD): 583x192x110 mm
925.501	Asymmetrical Dimensions (WxHxD): 523x162x110 mm
Medium Colour: grey metallic (powder-coated, similar to RAL9006) Black housing (powder-coated)	
925.800	Symmetrical Dimensions (WxHxD): 401x192x110 mm
925.500	Asymmetrical Dimensions (WxHxD): 341x162x110 mm



925.801



925.501

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



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



Material: anodised aluminium profile
Socket colour: black

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

CONNECTION PANELS

Accessories

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



940.099

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



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



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:





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.

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)



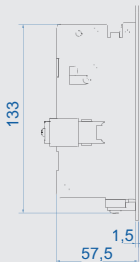
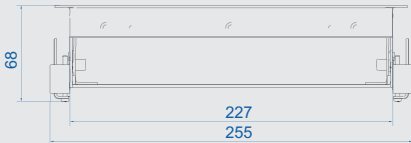
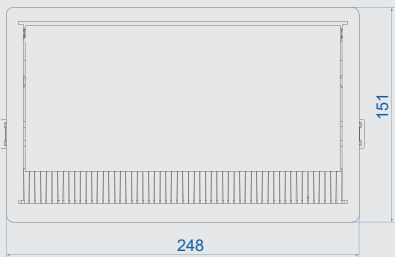
CONI holder

- 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



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



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

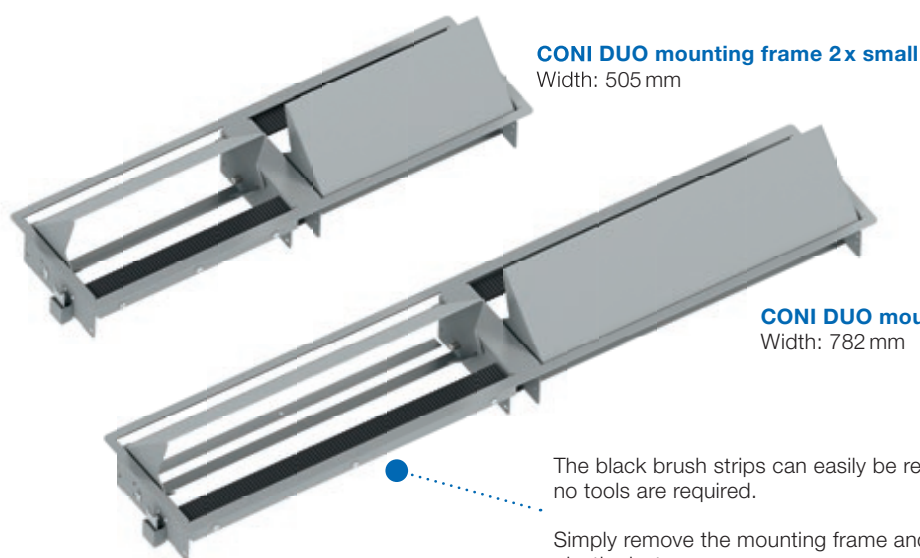
Mounting depth (without mounting clips): 56 mm

Thickness of tabletop: 10–35 mm

Socket colour: black

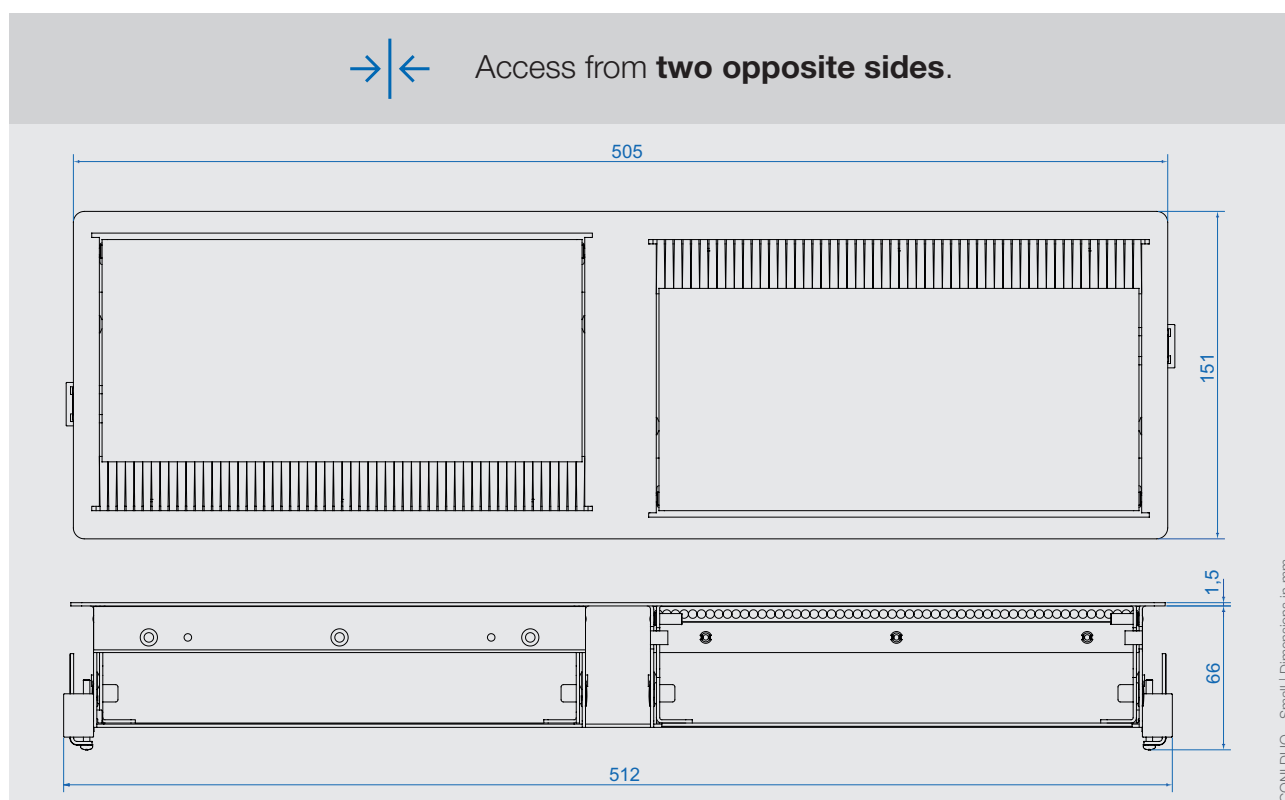
Material: Mounting frame: steel sheet
Socket: plastic, aluminium

Colour variants: 



CONI DUO mounting frame

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



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



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

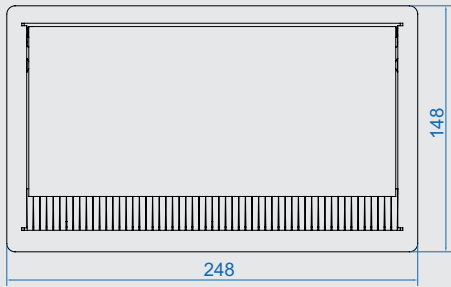
#	
917.029	Set of 5 colour charts Chart size 120 mm x 64 mm Colour chart set contains: Grey metallic (similar to RAL9006), Anthracite (similar to RAL7016), Black (similar to RAL9005), White (similar to RAL9010), Moonstone metallic



917.029



Integrated brush insert for closing once cables have been connected.



CONI COVER – Small | Dimensions in mm

For suitable power strips, see from page 116.

For suitable brush strips, see page 112.

Large CONI, CONI DUO and CONI COVER tray power strips

#									
---	--	--	--	--	--	--	--	--	--

Power input: 0.2m 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: 2x 0.2m cable (black and red) and GST18i3 plug (black)

912.024	1 x black 2 x red						35°		3
912.025	2 x black 2 x red						35°		2

Without power input

912.001							0°		6
---------	--	--	--	--	--	--	----	--	---



Width: approx. 356 mm
Material: anodised aluminium profile

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



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

Small CONI and CONI DUO power strips

#								
---	---	---	---	---	---	---	--	---

Power input: 0.2m cable and GST18i3 plug

333.1007	3					35°		
912.0156	2					35°	●	
912.003	2					35°		1
333.1008	2					35°		2xCAT6a 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: 2x 0.2m cable (black and red) and GST18i3 plug (black)

912.023	1 x black 1 x red					35°		1
---------	----------------------	--	--	--	--	-----	--	---



Width: approx. 217 mm
Material: anodised aluminium profile

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



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



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: 

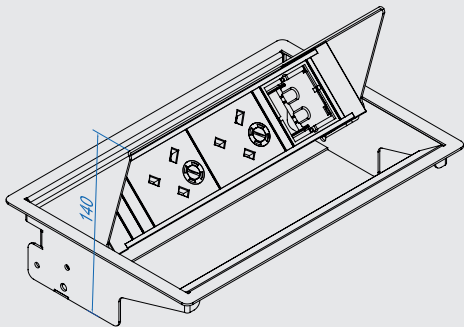
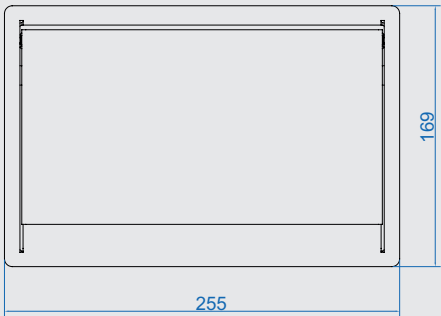


CONEO SET

#							
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



Set of items: frame with integrated power strip



Dimensions in mm

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



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



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



Dimensions (W x H x D): see table x 88 x 42 mm

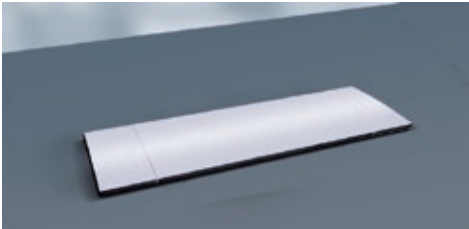
Material: aluminium

Mounting depth: 43 mm

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

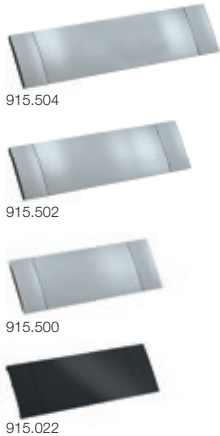
Colour variants:



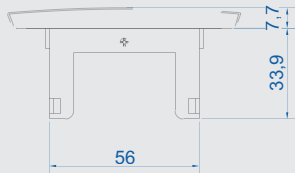
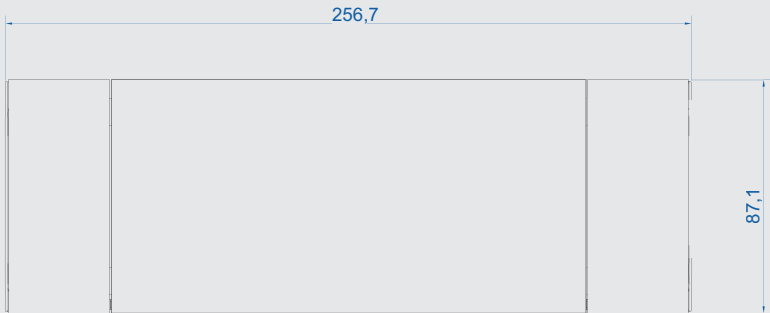


POWER FRAME COVER

#	
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)



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



POWER FRAME COVER – Small | Dimensions in mm

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



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.



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

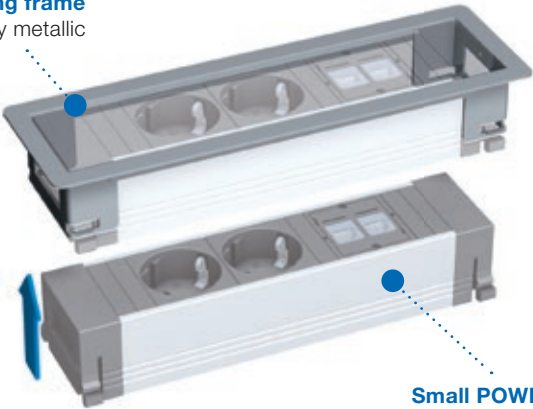
Thickness of tabletop: min. 10 mm

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)

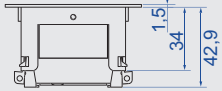
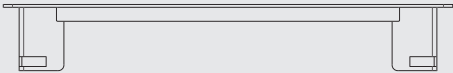
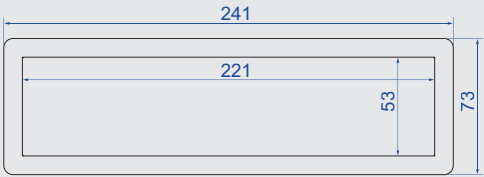


Colour guides

#	
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



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



POWER FRAME - Small | Dimensions in mm

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

Aluminium POWER FRAME/POWER FRAME COVER power strips

#							
---	--	--	--	--	--	--	--

Large | Width: 350mm | Power input: 0.2m 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: 262mm | Power input: 0.2m 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: 220mm | Power input: 0.2m 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



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



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

Aluminium POWER FRAME/POWER FRAME COVER power strips

#						
---	---	---	---	---	---	---

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

#				
---	---	---	---	--

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

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

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



Lid can be changed
and easily retrofitted.

KAPSA - Small | Dimensions in mm

Other colour versions available on request

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

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

Small KAPSA power strips

#								
---	---	---	---	---	---	---	--	---

Power input: 0.2m 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: 2.0m 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: 2.0m cable with mounted UK plug | Width 204 mm

927.006		3 (13A)				90°		
927.012		2 (13A)				90°	●	
927.008		2 (13A)				90°		1
927.007		1 (13A)				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.For suitable **Custom Modules***, see from page 172.

X-small KAPSA power strips

#						
---	---	---	---	---	---	---

Power input: 0.2m cable with GST18i3 | Width 151 mm

927.251	1				90°	●
927.257		1			90°	●
927.254			1		90°	●
927.260				1	0°	●

Power input: 2.0m 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: 2.0m cable with mounted UK plug | Width 151 mm

927.206		2 (13A)			90°	
927.207		1 (13A)			90°	●



927.251



927.200



927.201



927.207

XX-small KAPSA power strips

#						
---	---	---	---	---	---	---

Power input: 2.0m 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: 2.0m 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

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



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



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

INNOVATIONSPRIS
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

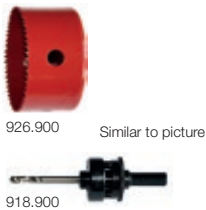
#					
Power input: 0.2m cable with GST18i3 plug					
929.010	2			90°	
929.012			2	90°	
Power input: 2.0m cable with ferrules and mounting plug, included					
929.000	2			90°	
929.030	1			90°	●
929.002			2	90°	
929.032			1	90°	●
Power input: 2.0m cable with mounted UK plug					
929.004		2 (13A)		90°	
929.034		1		90°	●

DUE lid

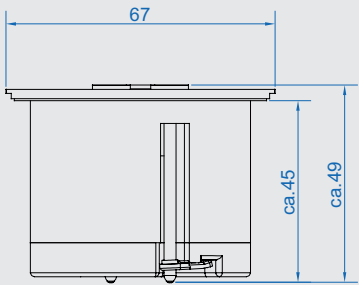
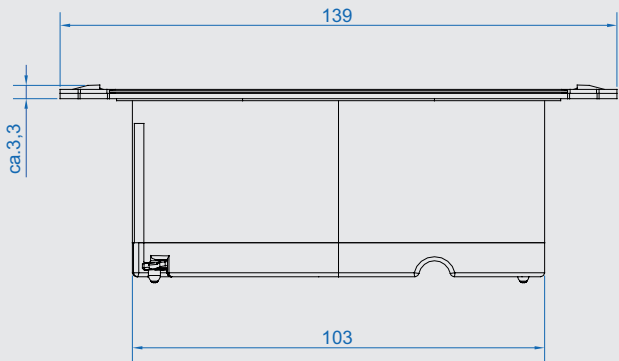
#	
929.100	Stainless steel look surface
929.101	Black (similar to RAL9005)
929.102	White (similar to RAL9010)

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



Space-saving even when open.



Dimensions in mm without lid



Power strip and lid must be ordered separately

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



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.



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
Mounting depth: 40 mm
Tabletop thickness: as of 8 mm
Material: Cover disc: metal
 Socket: plastic

Socket colour: black
Colour variants:



Watch the TWIST installation video on YouTube



TWIST

#						
---	---	---	---	---	---	---

Stainless steel look | Power input: 2.0m 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: 2.0m cable with ferrules and mounting plug, included

931.021	2					
931.016		2				

Matt chrome | Power input: 0.2m 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: 2.0m 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: 0.2m cable and GST18 plug

931.133	1					2
931.134		1				2

Matt white (painted, similar to RAL9010) | Power input: 2.0m 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: 0.2m cable and GST18 plug

931.233	1					2
931.234		1				2



931.000



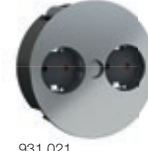
931.031



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.



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

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



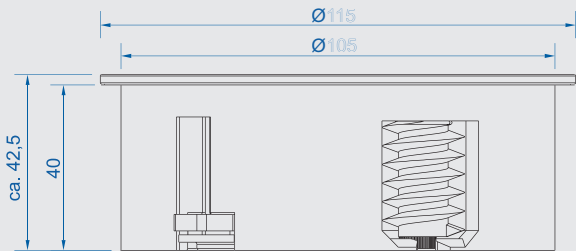
931.900 Similar to picture



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.



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

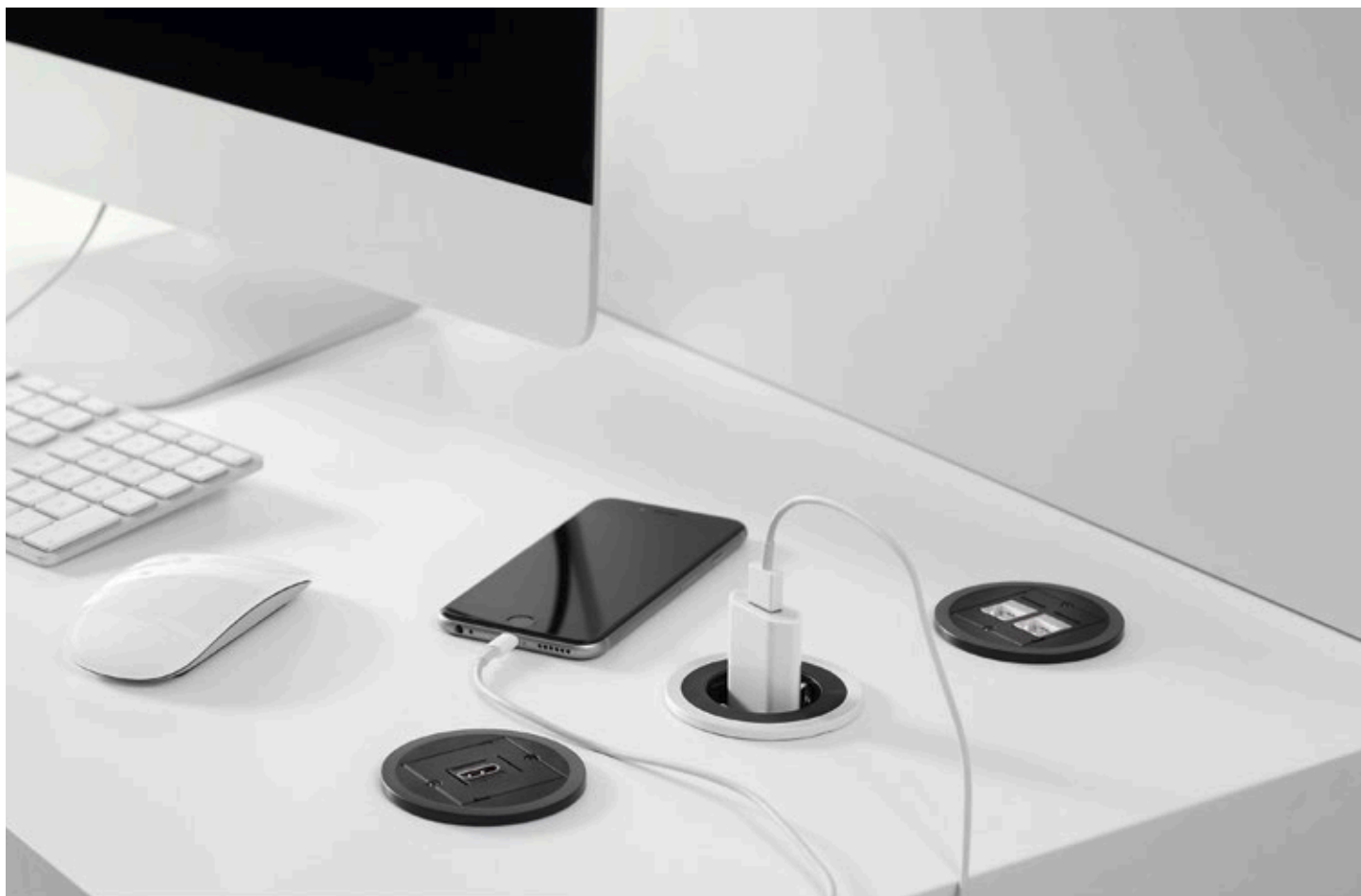
#	
938.001	Black (similar to RAL9005)
938.101	White (similar to RAL9003)



938.001

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

For suitable **LOOP ROUND** cable glands, see page 97.



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

#					
---	--	--	--	--	--

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

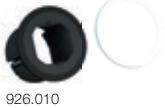
926.007		1 (13 A)			
---------	--	----------	--	--	--



926.000



926.002



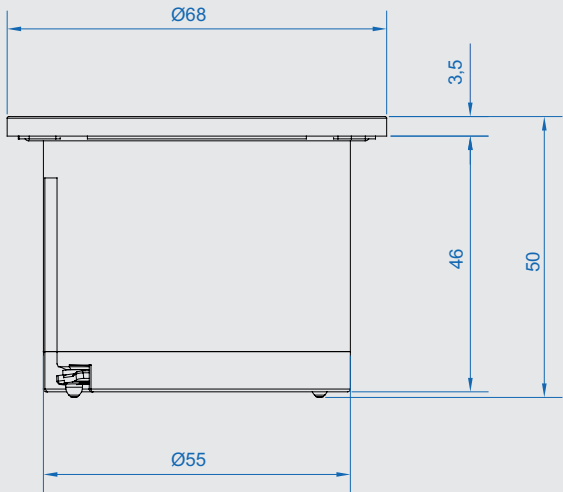
926.010



926.007



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



Dimensions in mm

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



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.



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)



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)

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





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

#									
---	---	---	---	---	---	---	---	---	---

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 3.0A
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 3.0A
928.008			1					90°		2 x CAT6
928.009			1					90°		1 x CAT6 1 x USB 3.0A
928.010			1					90°		1 x CAT6 1 x HDMI
928.035				1 (T13)				90°		2 x CAT6





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

Dimensions in mm

With ELEVATOR, Keystones are not interchangeable!

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

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**

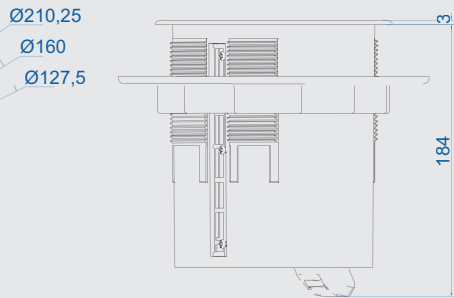
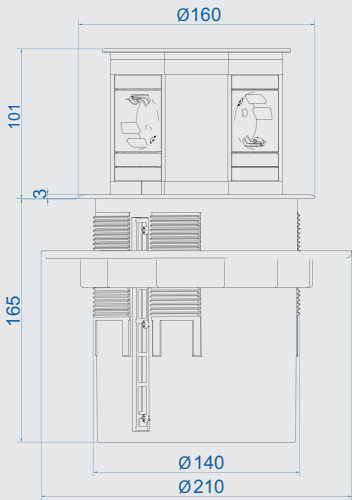


Dimensions (H x diameter): 266 x 210 mm
Hole diameter: 140 mm
Mounting depth without cable: 184 mm
Material: Housing and lid: plastic
 Profile: aluminium

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



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



Dimensions in mm

**LIFT black**

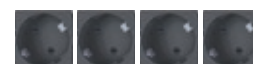
#							
---	--	--	--	--	--	--	--

Power input: 0.5m cable and GST18i3 plug

904.000	4				35°		
904.020*		4			90°		
904.004			4		35°		
904.024*				4	0°		

Power input: 3.0m cable and right-angled plug with earthing contact | Data cable 3.0m

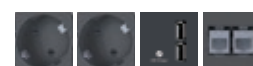
904.001	3				35°		2 x CAT6
904.0001*	2				35°	●	2 x CAT6
904.002	2				35°		2 x CAT6 1 x VGA+miniature jack
904.003	2				35°		2 x CAT6 2 x USB
904.045	1				35°		2 x CAT6 1 x VGA+miniature jack 1 x HDMI
904.021*		3			90°		2 x CAT6
904.023*		2			90°		2 x CAT6 2 x USB
904.022*		2			90°		2 x CAT6 1 x VGA+miniature 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

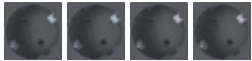


904.045

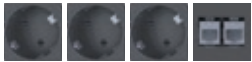


LIFT silver

#				
Power input: 0.5m cable and GST18i3 plug				
904.008	4		35°	
904.012		4		
Power input: 3.0m cable and right-angled plug with earthing contact Data cable 3.0m				
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

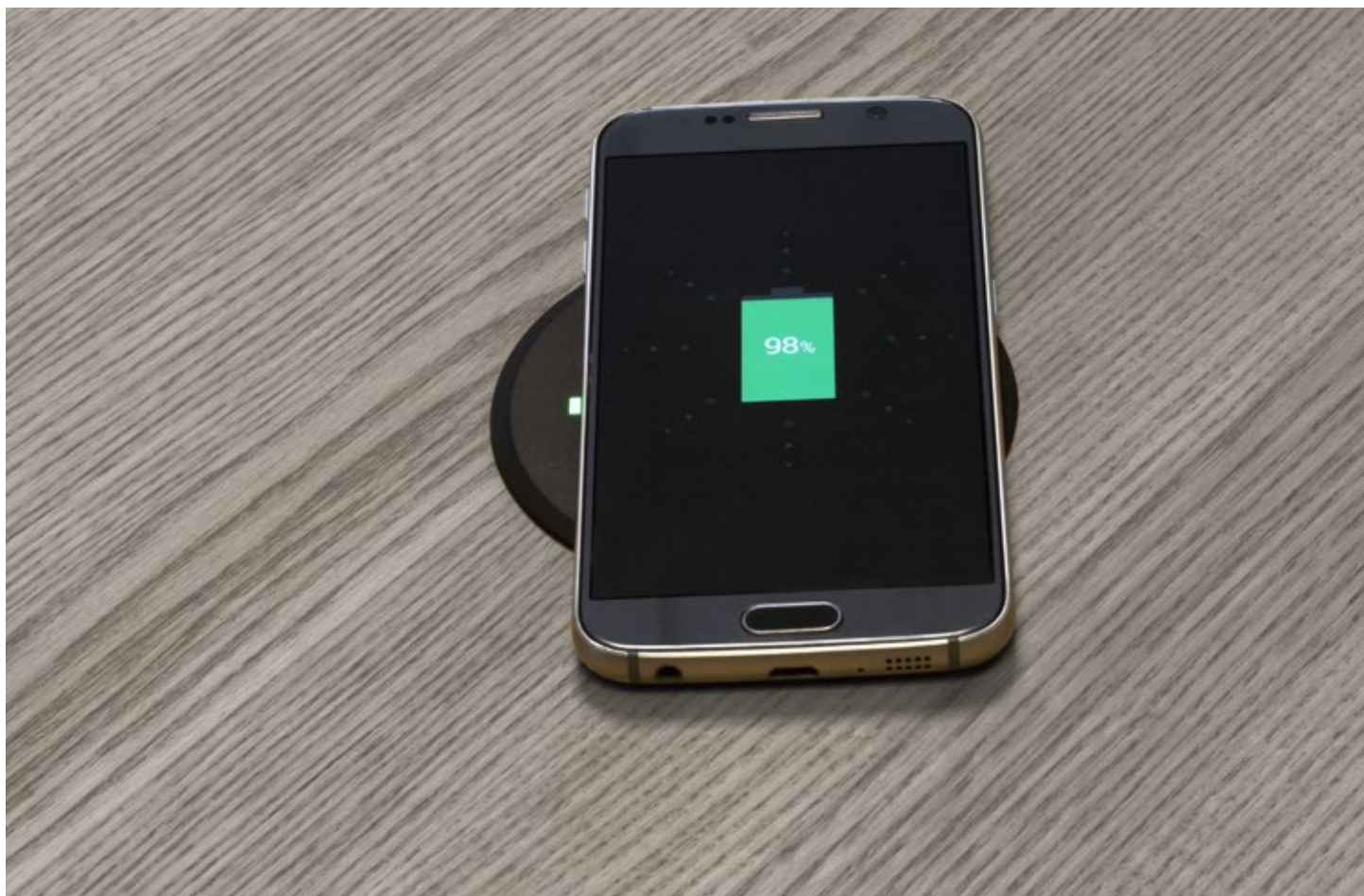


904.900

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: 

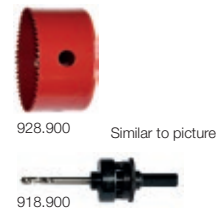
WIRELESS CHARGER

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



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



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



reddot design award
winner 2011



Dimensions (W x H x D): see table x 85 x 100 mm

Material: Profile: aluminium

Socket: plastic

Tabletop thickness: 10–40 mm

Socket colour: black

Colour variants:



DESK 2 power strips – white, similar to RAL9010

#										
---	--	--	--	--	--	--	--	--	--	--

Without device supply cable | Power input: 0.2m 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: 0.2m with GST18 | Including mounting bracket | 1.5m separate device supply cable GST18/earthing contact

902.302	3						35°		2x CAT6 coupling socket/socket 1x USB A/A 3.0 Keystone module 1x HDMI Keystone socket/socket	282 mm
902.301	3						35°		1x CAT6 coupling socket/socket 1x 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



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

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



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

DESK 2 power strips – stainless steel

#									
---	--	--	--	--	--	--	--	--	--

Without device supply cable | Power input: 0.2m 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: 0.2m with GST18 | Including mounting bracket | 1.5m 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.

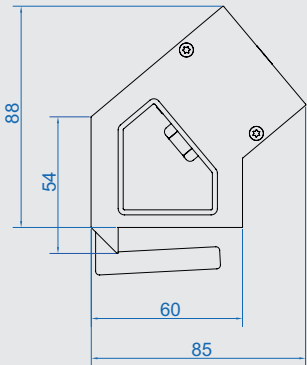


DESK 2 power strips – black, similar to RAL9005

#										
Without device supply cable Power input: 0.2m 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



Can be adjusted to different tabletop thicknesses using mounting brackets.



Dimensions in mm

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



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



DESK 2 ALU BLACK

DESK 2 ALU BLACK

- Profile colour: grey
- End cap colour: black

#								
Without device supply cable Power input: 0.2m 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

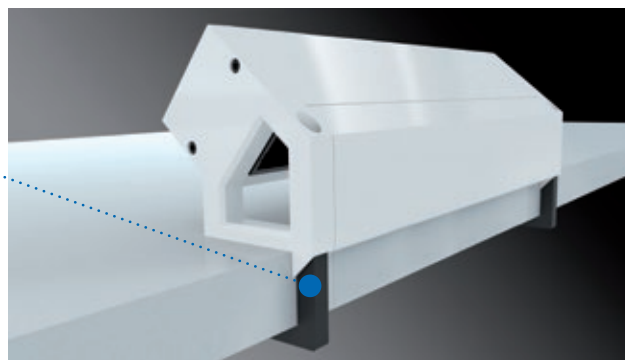


For suitable **device supply cables**, see from page 66.



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

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 2x TESA POWER STRIP	
918.110	2x adhesive base set, plastic, painted in white similar to RAL9010
918.111	2x adhesive base set, plastic, painted in stainless steel
918.122	2x adhesive base set, plastic, painted in black, similar to RAL9005
Mounting bracket for tabletop thicknesses of 25 to 50mm	
930.120	Anodised aluminium, material thickness approx. 9mm Contents: 2x mounting clamps, anodised aluminium profile, 2x Allen bolts M5 x 60mm



918.106



918.110



918.111



930.120



DESK 2 mounting brackets are suitable for tabletop thicknesses of 10mm to 40mm. 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 25mm to 55mm.



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

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					35°	3			1		298 mm
902.0179					35°	2		●	1		293 mm



Standard items are supplied without mounting brackets

For suitable **device supply cables**, see page 66 onwards.For suitable **Custom Modules**, see page 172 onwards.

DESK 1 power strips – with cable

#									
---	--	--	--	--	--	--	--	--	--

Power input: 1.0m 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: 3.0m | With right-angled plug with earthing contact | Including standard mounting bracket and screws

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

#									
---	--	--	--	--	--	--	--	--	--

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



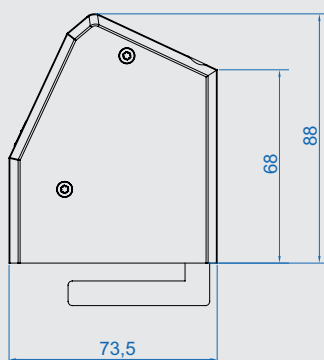
339.1006



339.1004



Individual equipment
entirely according to your wishes.



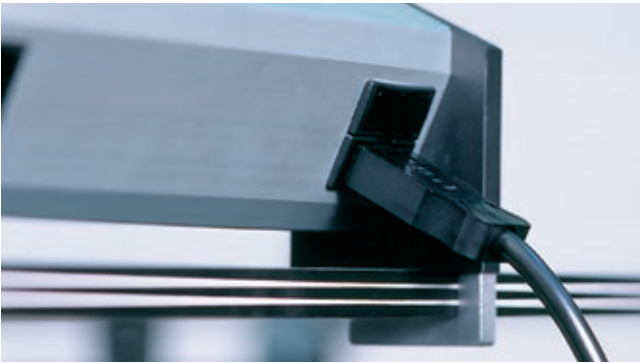
Dimensions in mm

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



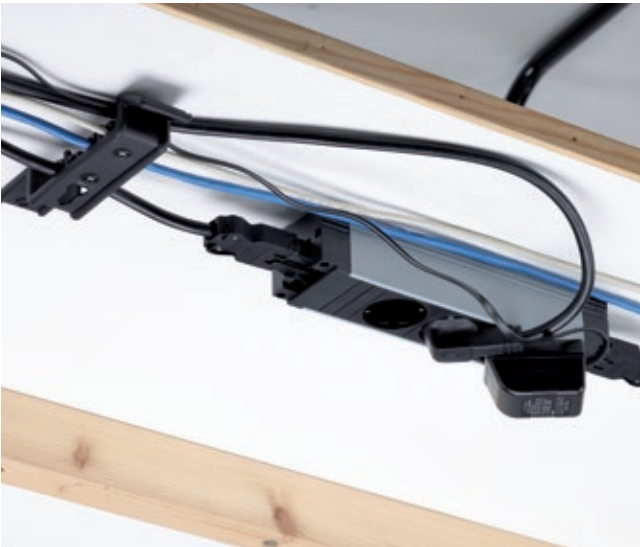
For suitable **Custom Modules**, see from page 172.

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.

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®





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:

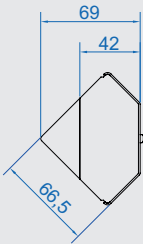
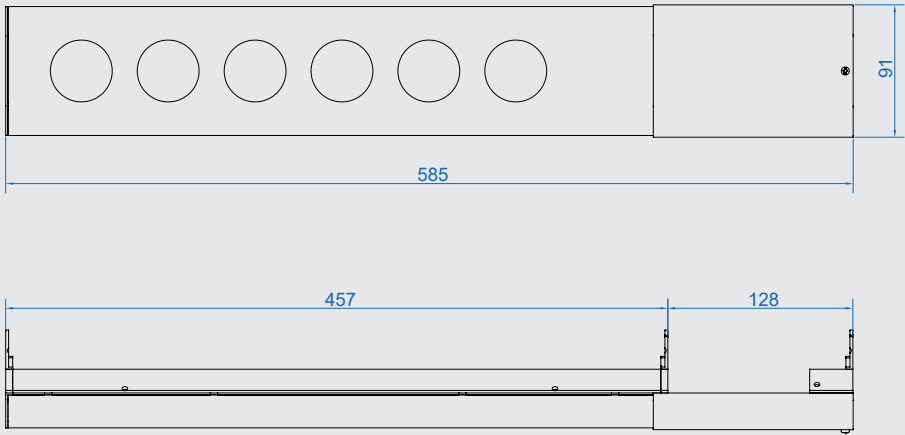


CASIA power strip

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



Individual adjustment of installation height
to your specifications.



Dimensions in mm



LanLight®

Modular installation, offering flexible supply to office workstations

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

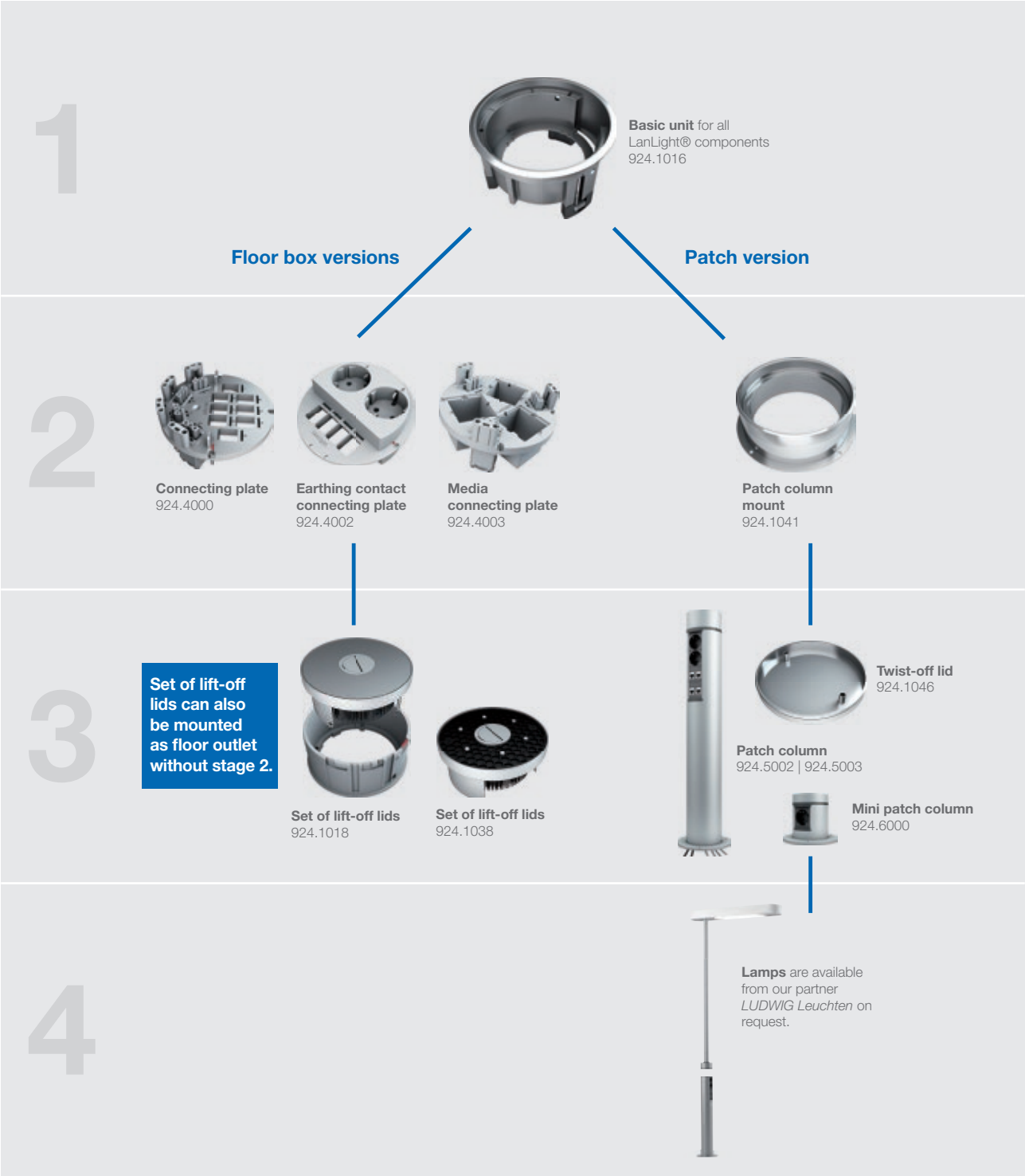
LanLight®
SMART SUPPLY SYSTEM

BENEFITS

- **Delivers exactly what is needed to each workstation**
- **Provides power, data and media connections and lighting**
- **Modular and multifunctional – from cable connections 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





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 35mm for column versions) · Fixed by three clamping claws · Overall height: 97 mm, mounting depth: 93 mm, external diameter: 162 mm · Die-cast aluminium

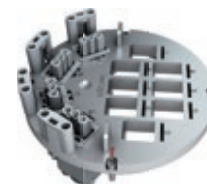


Stage 2: LanLight® inserts

#	
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. 0.2m H05VV-F3G 2.5 mm² supply cable to GST18i3 plug - Coded connections (data 1-8, current A-D) - Diameter: 114.8mm
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: 114.8mm
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 0.2m H05VV-F3G 2.5 mm² supply cable to GST18i3 plug - Diameter: 114.8mm
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: 114.8mm
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: 114.8mm
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. 0.2m 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: 114.8mm
Patch column mount	
924.1041	Patch column mount - Used to directly mount the LanLight® columns - For 924.5002, 924.5003 and 924.6000



924.4001



924.4000



924.4009



924.4002



924.4003



924.4004



924.1041

For suitable **Keystones**, see from page 175.For suitable **Custom Modules**, see from page 172.

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
924.5002

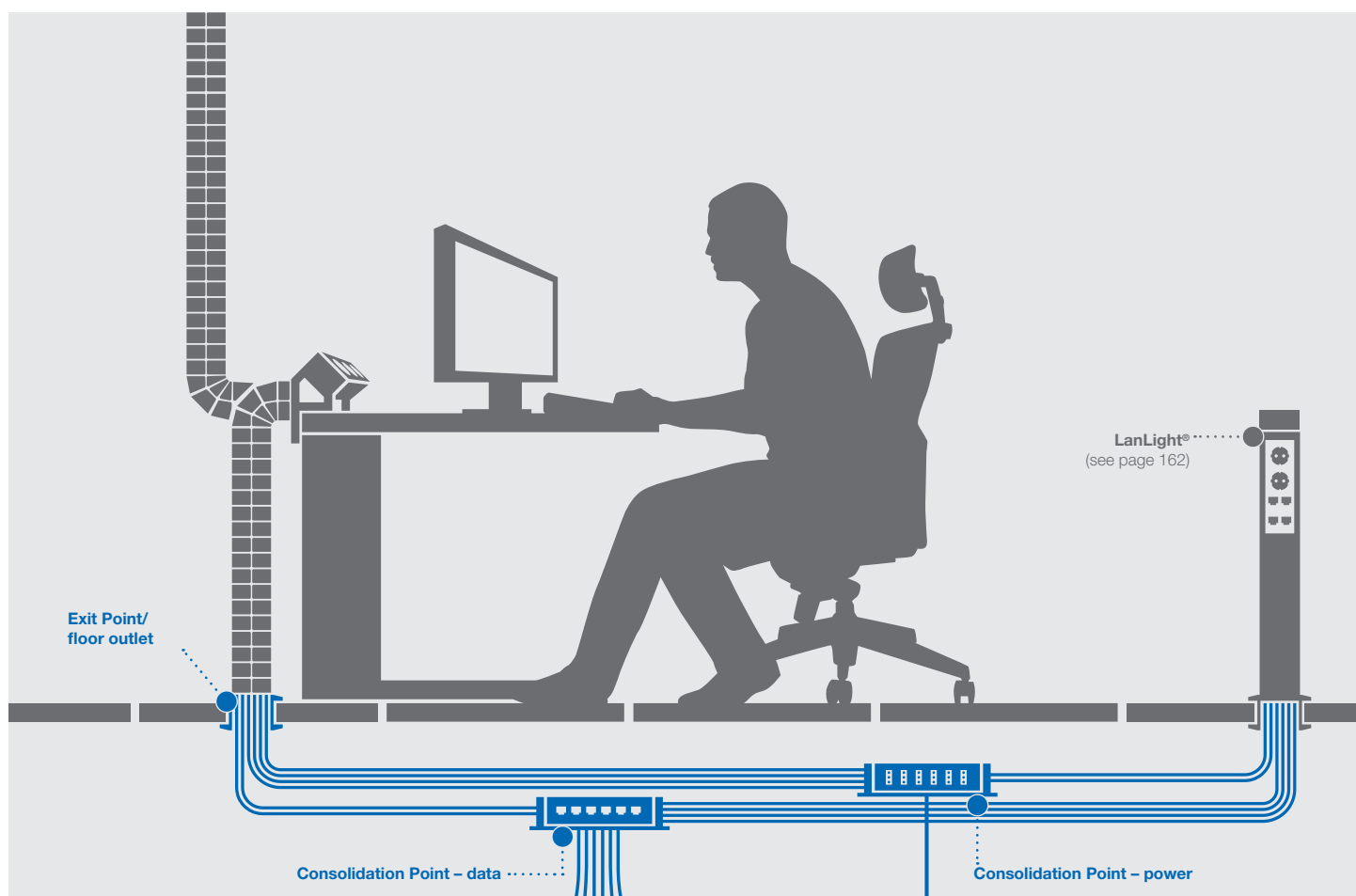
R


F
924.5003

R


F
924.6000

R



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 desk-top.

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.

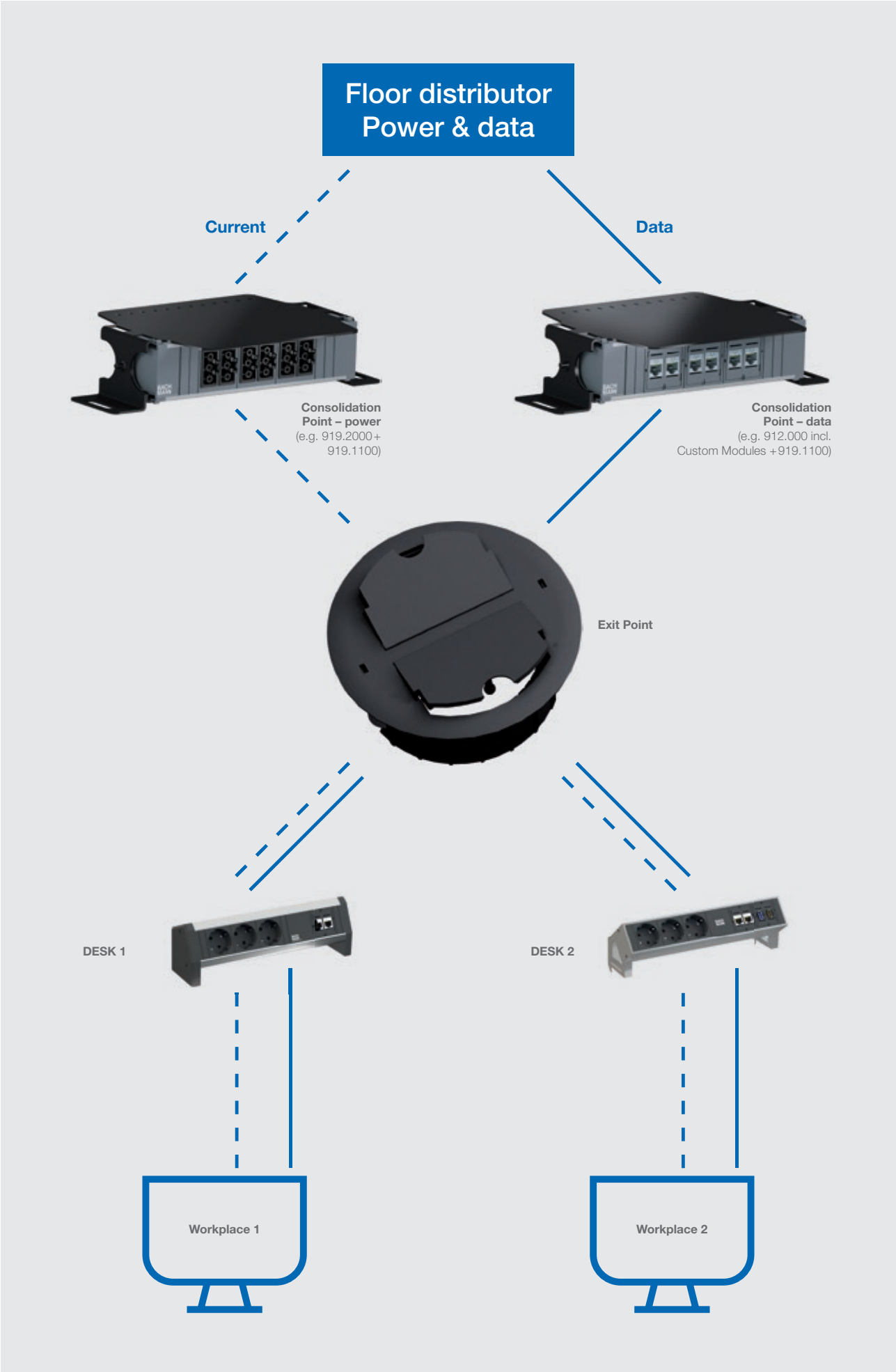
Thanks to the "open-office cabling", Consolidation Point and MUTO concepts, the network installation is flexible, future-proof and – at the same time – cost-optimised. You will receive a user-oriented connection unit.

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**

For suitable **power strips**, see from page 168.



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



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


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

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

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)

#	
---	--

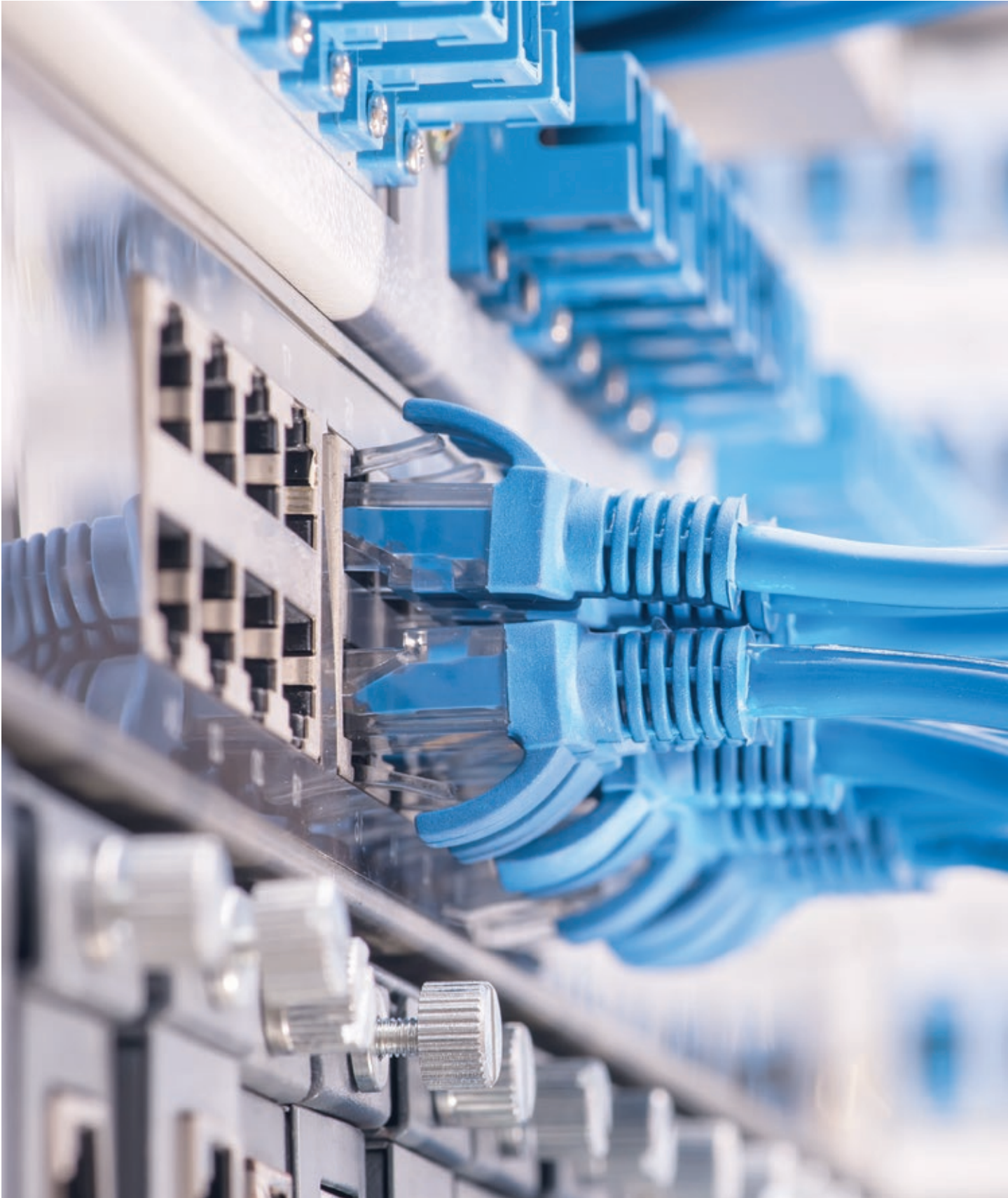
Exit Point/floor outlet

919.1000	Black (similar to RAL9005)
----------	----------------------------



919.1000

Network and media technology





Custom Modules

Custom Modules –	
Individual solutions	172
Keystones	175
Keystone mount	177
Audio/image transmission	181
Data transmission	186
Power transmission	186
Buttons/switches	187
Control	188
Cable glands	188
Installation options	
switch manufacturers	191
Accessories	195

Active media technology components

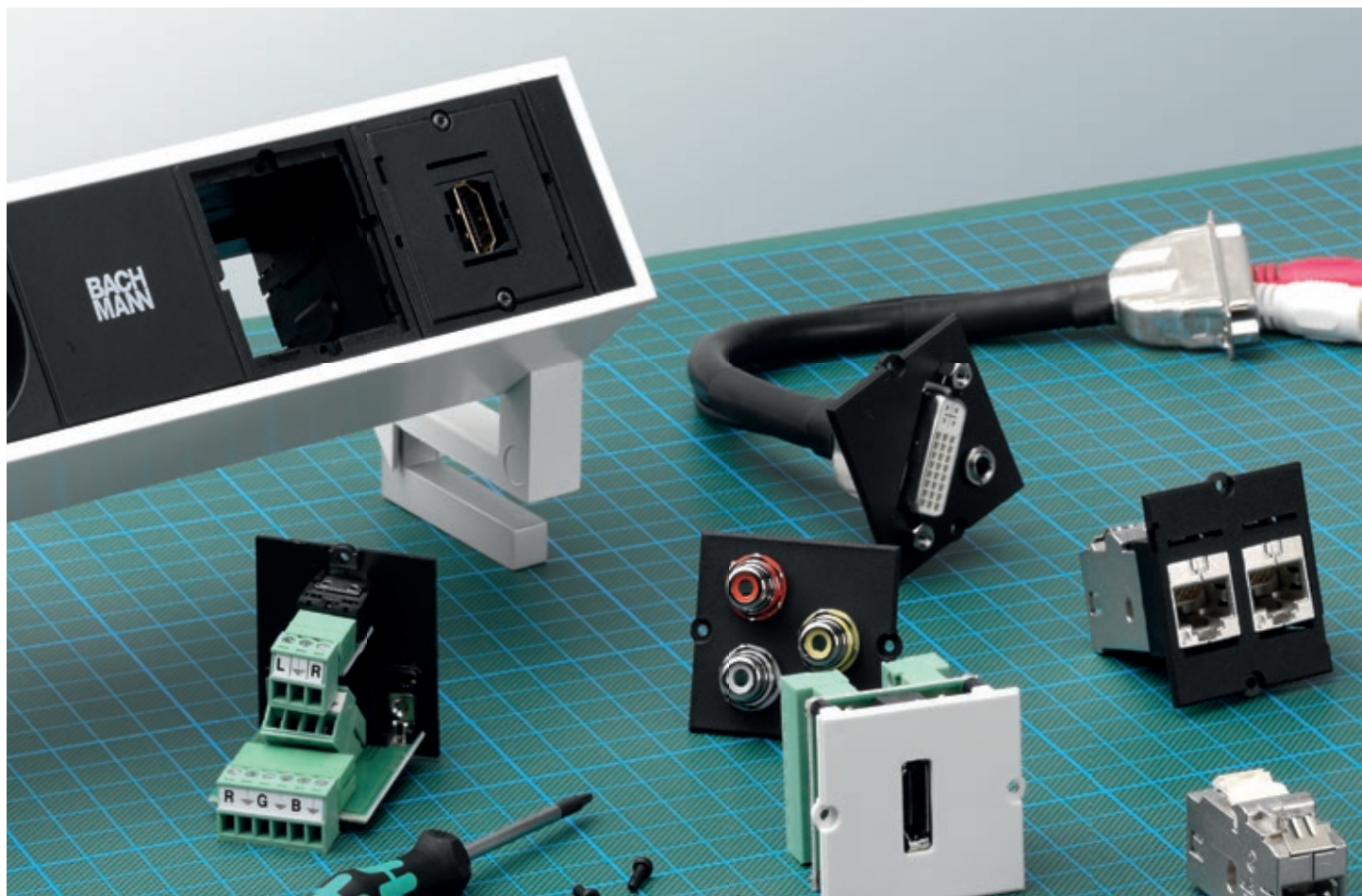
Rextron HDBaseT	196
-----------------	-----

Data cables

Patch cable	198
USB cable	199

Audio/video cables

HDMI cable	200
DisplayPort cable	200
DVI-I cable	201
VGA cable	201
Audio cable	202
Cinch cable	203



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.

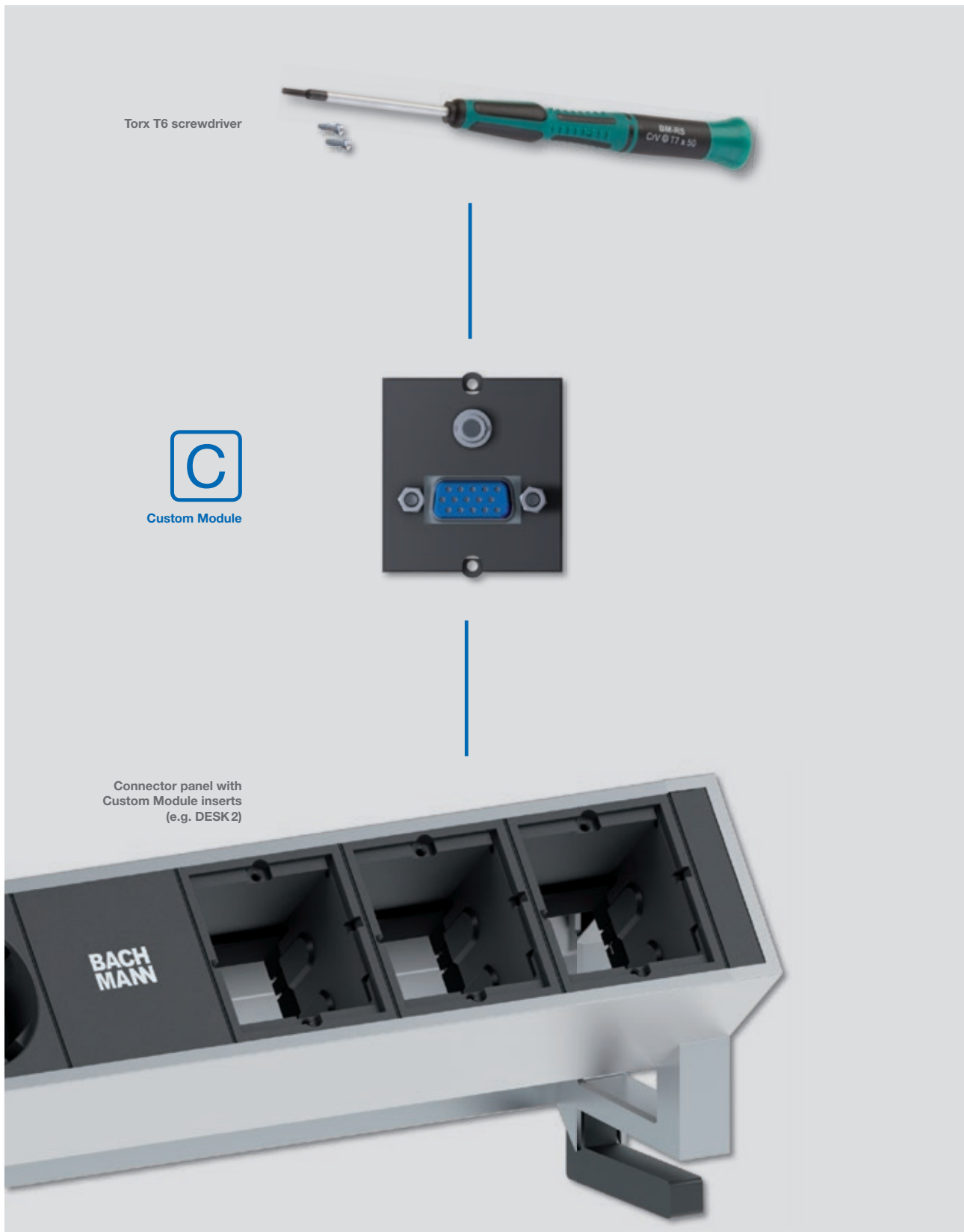
BENEFITS

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



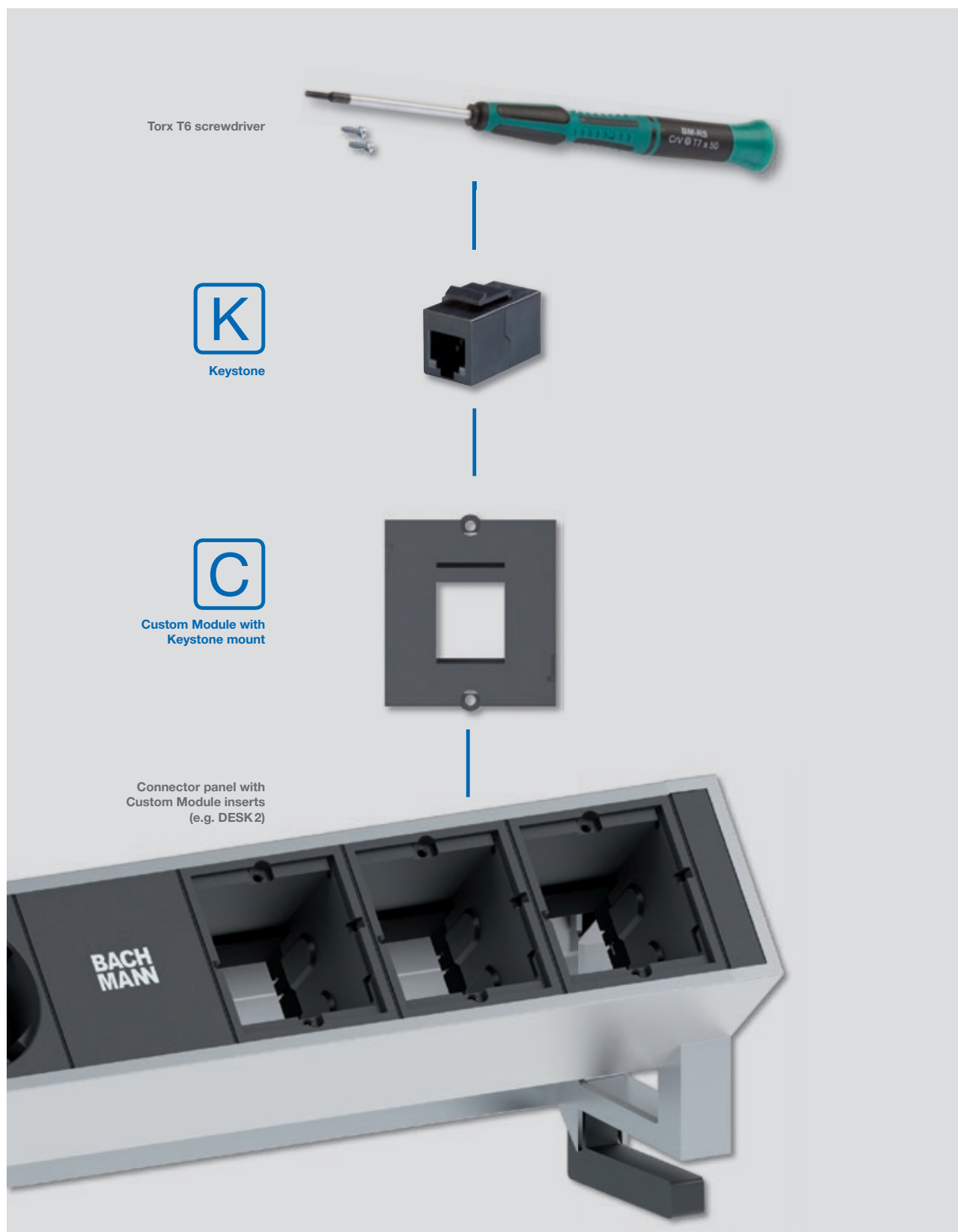
Data, video and audio connections **entirely according to your wishes.**

Variant 1: Custom Module fully equipped



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

Variant 2: Custom Module with Keystone mount

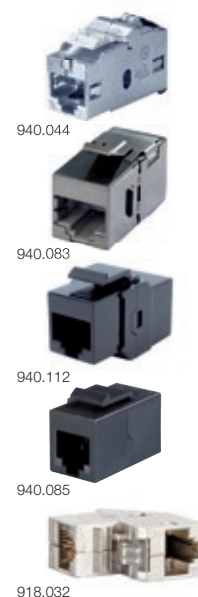


You will find 19" Custom Module panels 1.5 U art. no. 903.003 on page 35.

Keystones

Keystones socket/socket

#	
940.044	CAT6 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) Front: RJ45 (Keystone fixing) Back: RJ45 (E-DAT mounting) Shielded



Keystones socket/supply cable

#	
918.033	CAT6a 10 GB patch cable plug/socket 3.0m Front: Socket RJ45 CAT6a TKM 10 GB Black cable with RJ45 plug Shielded
918.034	CAT6a 10 GB patch cable plug/socket 5.0m 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



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 3840x2160 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



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



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

 **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.

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

Keystone mount

Custom Modules with Keystone mount

#	
2x Keystone	
917.000	Black module With mount for 2 Keystone
917.158	White module With mount for 2 Keystone
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 Keystone 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



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



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	•	•										

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	•	•	•	•								

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 _A KJ), 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	•	•	•	•								

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

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 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

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

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



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



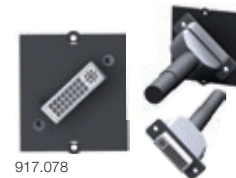
PLEASE NOTE: only Keystones/Custom Modules with an even flush can be used in combination with PIX/KAPSA/DUE with lid and POWER FRAME COVER! For compatibility, see from page 189.

Custom Module 1 x DVI-I + miniature jack

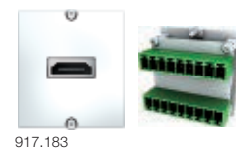
#	
917.021	Front: DVI-I socket and 3.5 mm stereo miniature jack Back: DVI-I socket and 2x Cinch audio stereo (red + white) with approx. 0.2 m cable Requires approx. 75 mm mounting depth Black

**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

**Custom Module 1 x HDMI**

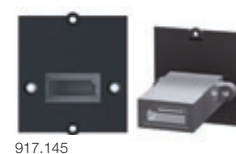
#	
917.143	Black Front: HDMI socket Back: 2x 9-pole (HDMI) screw terminal Requires approx. 40 mm mounting depth
917.183	White Front: HDMI socket Back: 2x 9-pole (HDMI) screw terminal Requires approx. 40 mm mounting depth
917.146	90° outlet on side , only compatible with power strips with lateral 90°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

**Custom Module 1 x HDMI + miniature jack**

#	
917.189	90° outlet on side , only compatible with power strips with lateral 90° outlet 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

**Custom Module 1 x DisplayPort**

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

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

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



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



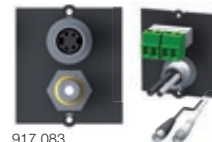
917.028

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. 0.3m cable with 2 x BNC Requires approx. 30mm 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. 30mm mounting depth Black
917.090	Front: Cinch video RGB socket (red/green/blue) Back: Cinch video RGB socket (red/green/blue) Requires approx. 65mm 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. 50mm 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. 50mm mounting depth Black



917.117



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 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 3.5mm miniature jack

· Front: 3.5mm 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 6.3mm audio stereo jack

#	
917.036	Front: 6.3mm audio stereo jack socket Back: 6.3mm 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. 40mm mounting depth

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



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

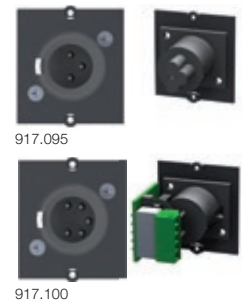


PLEASE NOTE: only Keystones/Custom Modules with an even flush can be used in combination with PIX/KAPSA/DUE with lid and POWER FRAME COVER! For compatibility, see from page 189.

Custom Module 1 x XLR plug

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

#	
917.095	3-pole Black
917.100	5-pole Black

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

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

**Custom Module 1 x loudspeaker connection**

- Black

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

**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 3.5mm 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



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.

Data transmission

Custom Modules data transmission

#	
917.141	2x USB 2.0 A/A Black Front: 2x USB A socket Back: 2x 4-pole screw terminal Requires approx. 40mm mounting depth
917.182	2x USB 2.0 A/A White Front: 2x USB A socket Back: 2x 4-pole screw terminal Requires approx. 40mm mounting depth
917.018	1x USB 2.0 A/B Black Front: USB A socket Back: USB B socket Requires approx. 85mm mounting depth
917.019	1x USB 2.0 B/A Black Front: USB B socket Back: USB A socket Requires approx. 85mm mounting depth
917.037	1x FireWire Black Front: 6-pole FireWire socket Back: 6-pole FireWire socket Requires approx. 85mm mounting depth
917.122	1x USB 3.0 A/A 90° outlet on side , only compatible with power strips with lateral 90° outlet Black Front: USB A socket Back: USB A socket Requires approx. 40 mm mounting depth
917.059	2x USB 3.0 A/A 90° outlet on side , only compatible with power strips with lateral 90° outlet Black Front: 2x USB A socket Back: 2x USB A socket Requires approx. 40 mm mounting depth



Power transmission

Custom Module USB charger

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



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. 40mm 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



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

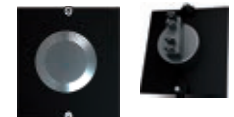


PLEASE NOTE: only Keystones/Custom Modules with an even flush can be used in combination with PIX/KAPSA/DUE with lid and POWER FRAME COVER! For compatibility, see from page 189.

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 mm ² 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 mm ² 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: 30V 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



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: 2x MiniDIN 6-pole socket (mouse – mint green; keyboard – purple) Back: 2x MiniDIN 6-pole socket (mouse – mint green; keyboard – purple) Requires approx. 50 mm mounting depth



Cable glands

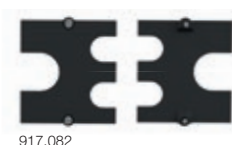
Custom Module 1 x cable gland

#	
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



Custom Module 3x cable gland

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



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.

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 3.5mm 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 6.3mm 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 	•	•	•	•
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 3.5mm miniature jack			•	
917.094 Custom Module Combo series 1 x XLR 3-pole socket + 1 x 6.3mm 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			•	

	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 	•	•	•	•
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 			•	
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 	•	•	•	•
917.224 Custom Module USB charger	•	•	•	•
917.226 Custom Module VGA, jack, HDMI			•	
917.400 Keystone module USB 3.0 A/B 		•	•	
917.401 Keystone module USB 3.0 B/A 	•	•	•	•
918.033 CAT6a 10 GB patch cable plug/socket 3.0m 	•	•	•	•
918.034 CAT6a 10 GB patch cable plug/socket 5.0m 	•	•	•	•
918.035 CAT6a 10 GB TKM socket 	•	•	•	•
918.041 Keystone module 1 x HDMI 	•	•	•	•
918.045 TOSLINK Keystone module 	•	•	•	•
918.071 OWG-LC duplex Keystone module 			•	
918.072 OWG-SC Keystone module 			•	
918.073 OWG-ST duplex Keystone module 			•	
930.143 RJ45 shutter 				
940.044 Keystone module CAT6 coupling 	•	•	•	•
940.057 Keystone module CAT5e coupling 	•	•	•	•
940.083 Keystone module CAT6 coupling 	•	•	•	•
940.085 ISDN RJ12 Keystone module 	•	•	•	•
940.112 Keystone module CAT6 coupling 	•	•	•	•



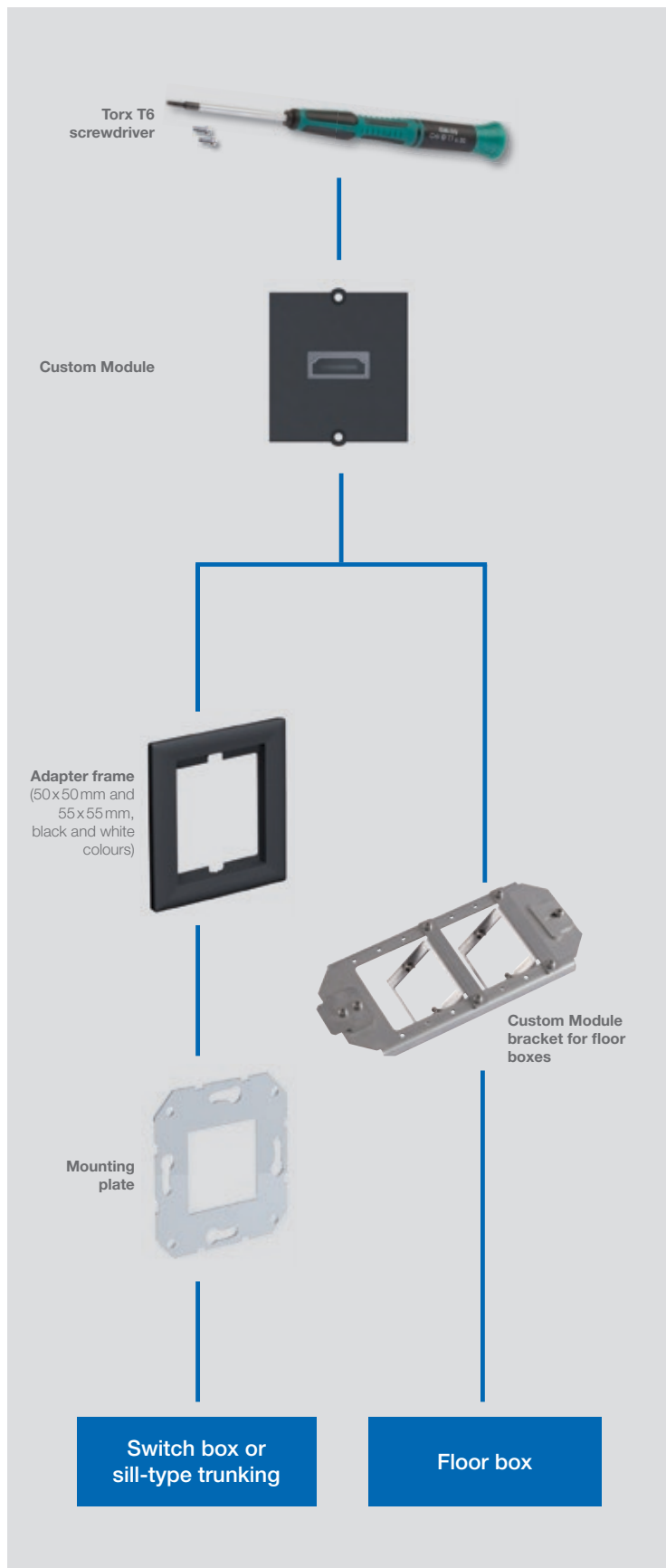
A suitable Keystone mount  is required for the use of Keystone modules (see page 177).
Keystone mount 917.061/917.062 is not compatible with PIX/DUE.

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.



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: 50x50 mm 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: 50x50 mm 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: 55x55 mm 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: 55x55 mm 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
---------	---



917.068

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
---------	---



917.067

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
---------	--



917.139

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
---------	--



917.140

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

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

Manufacturer/switch range	BACHMANN Adapter frame** Colour black	BACHMANN Adapter frame** Colour white	+ Adapter manufacturer number
Jung			
A creation	917.066	917.169	–
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

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: 1.8mm

#	
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.

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

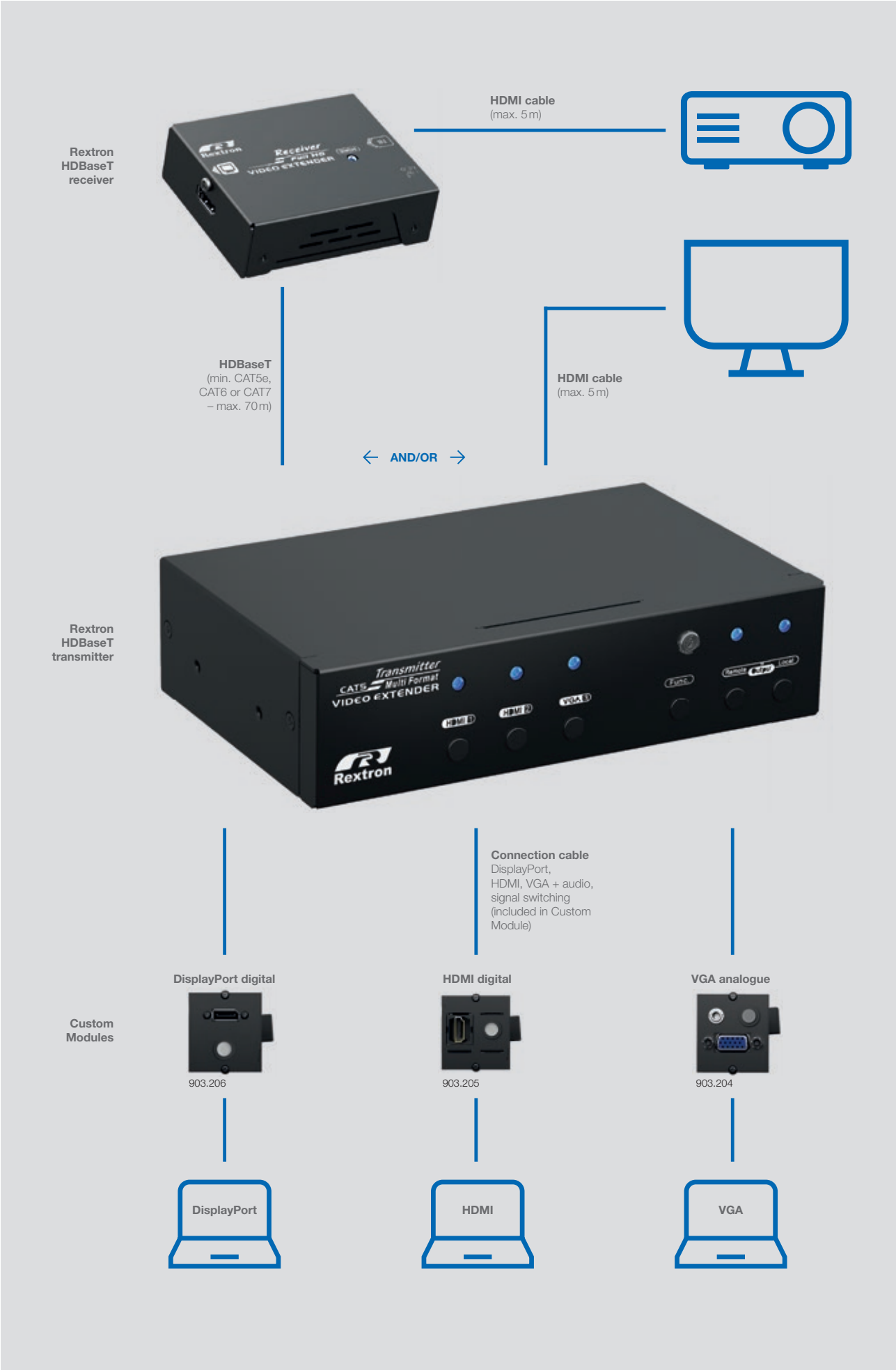


903.203

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



For suitable **Custom Modules**, see page 185.



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	3.0m Black
---------	--------------

918.034	5.0m 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	1.0m Black
---------	--------------

918.007	3.0m Black
---------	--------------

918.008	5.0m 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	3.0m Grey
---------	-------------

940.041	5.0m 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	1.0m Grey
---------	-------------

940.052	3.0m Grey
---------	-------------

940.053	5.0m 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*	3.0m Black
----------	--------------



918.034



918.006



940.040



918.003



940.089



For suitable **Keystones and Keystone mounts**, see from page 175.

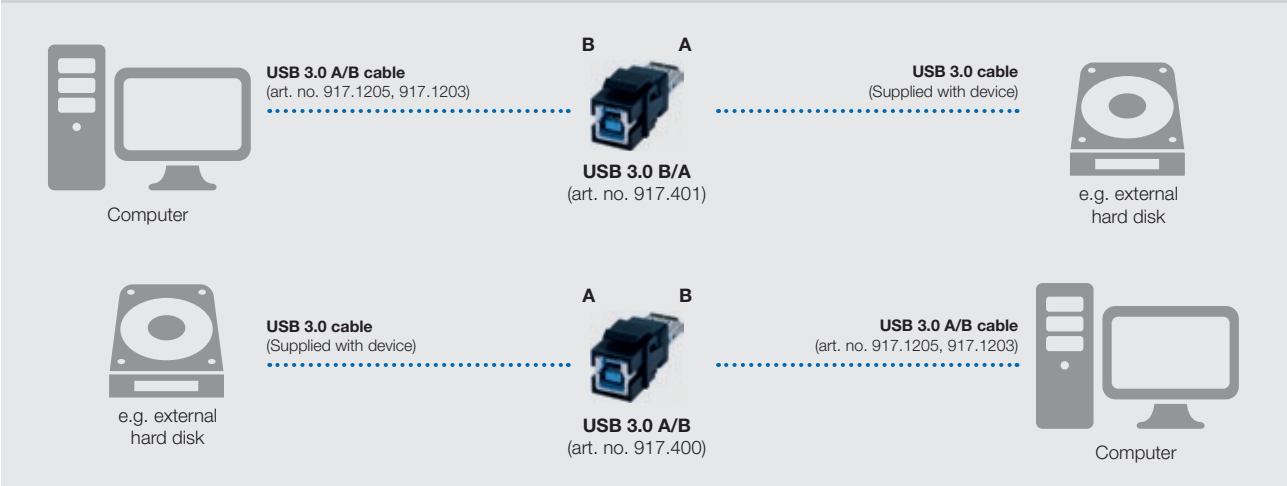
USB cable

USB 3.0 connection cable

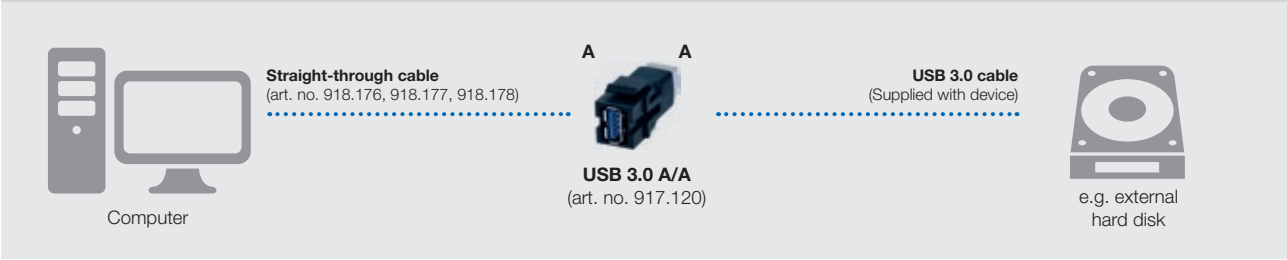
#	
USB 3.0 A/A connection cable Straight-through (not for host-to-host connection) Ends 1 and 2: plug A Can be used with Custom Modules with USB A socket Fully wired	
918.176	1.0m Black Grey plug
918.178	2.0m Black Grey plug
918.177	3.0m Black Grey plug
USB 3.0 A/A connection cable Crossed (for host-to-host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



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



Connection with A/A Keystone module for USB 3.0 connection



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

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 3840x2160px (ultra HD) Ends 1 and 2: 19-pole HDMI plug	
918.0201	7.5m Black
HDMI 2.0 cable HDMI standard 3840x2160px (ultra HD) Ends 1 and 2: 19-pole HDMI plug	
918.0191	1.0m Black
918.0192	3.0m Black
918.0193	5.0m Black
HDMI 1.3 cable HDMI standard 1920x1080px (full HD) Ends 1 and 2: 19-pole HDMI plug	
918.019	3.0m Black
918.020	5.0m Black



DisplayPort cable

DisplayPort digital cabling

- DisplayPort connection cable
- 3840x2160px (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	1.0m Black
918.0952	3.0m Black
918.0953	5.0m Black



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



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

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	3.0m Black
918.018*	5.0m 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	1.0m Black
940.047	3.0m Black
940.048	5.0m 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	1.0m Black
903.108	3.0m Black
903.109	5.0m Black
903.110	10.0m Black
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	1.0m Black
918.067	3.0m Black
918.068	5.0m Black
918.069	10.0m Black



903.110



918.069



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

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: 3.5mm stereo miniature jack plug End 2: 3.5mm stereo miniature jack plug	
918.010	1.5m Black
918.011	2.5m Black
918.012	5.0m 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*	3.0m Black
918.016*	5.0m 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*	3.0m Black
940.105*	5.0m 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	3.0m Black



940.049



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

* No storage type

Pictograms and their meaning can be found on page 299.

Lamps



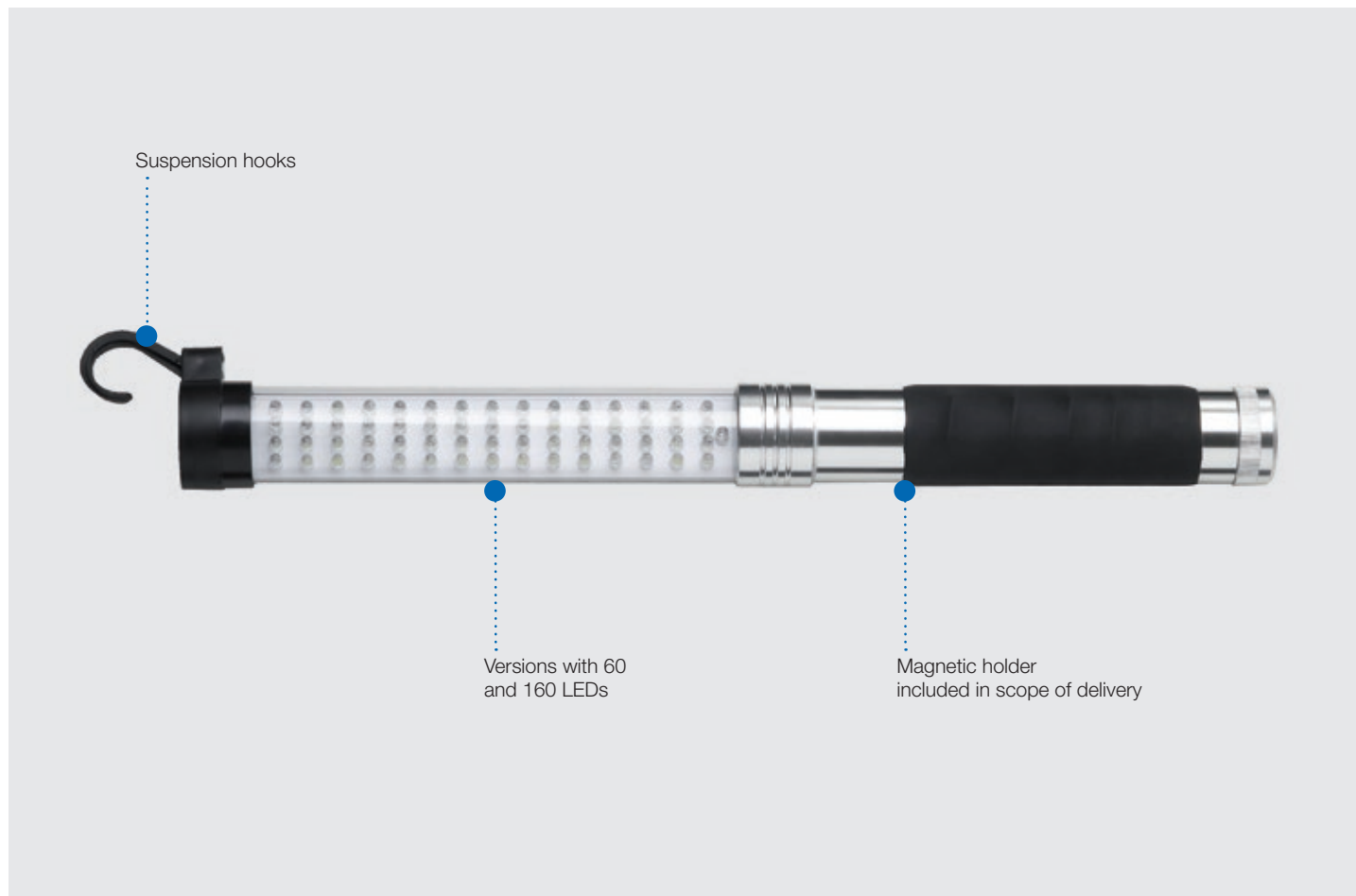


Mobile

Stick lamps / handheld lamps	206
Professional work lamps	208

Stationary

LED spotlights	210
Illumination material	211
Accessories	212



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 2x0.75 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 2x1.00 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 2x 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



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

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 mm² with plug with earthing contact
- Radiation angle 120°
- Die-cast aluminium housing
- Swivelling and lockable reflector with safety glass
- For continuous outdoor use
- Low power consumption
- Practical hanging, positioning and fixing options

#	
720.025	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 mm² with plug with earthing contact 7 W with earth spike Approx. 560 lumens IP44



720.029



720.030



720.031

Illumination material

Light chain

- With plug and end piece
- External dimensions approx. 5.30x13.30mm
- Including rubber plug and end piece with hook
- Without light bulb

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



740.005

Lamp holders

#	
740.000	E 27 illumination lamp holder For outdoor use Heat- and weather-resistant thermoplastic Max. 40W 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
740.010	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 E 14 Fixing screw spacing: 40mm
740.011	E 27 Fixing screw spacing: 46mm



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, 5.0x13.0mm²
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 16A/250 V~ Black DIN 49406 For cables H05RN H2-F2x 1.5mm² solid rubber version Without earthing contact With snap latch
740.003	Flat coupling for illumination cable Black DIN 0282 With hinged lid and mounting Without earthing contact For contour plugs only
740.004	End piece for illumination cable Black DIN 0282 With mounting hook Provides a secure end to cables



740.015



740.017



740.002



740.003



740.004

Accessories

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 2.0m cable: H05RN-F 2x 1.00 mm² with contour plug



720.000

Lamp holder, pre-wired

- 60 W plastic E 27 holder
- 0.2m H03VV-F 2x0.75 mm²
- 250 V~ | 4 A | T180

#	
---	---

With 2-pole screw terminal

641.1701	Black
641.2701	White

With plug-in terminal

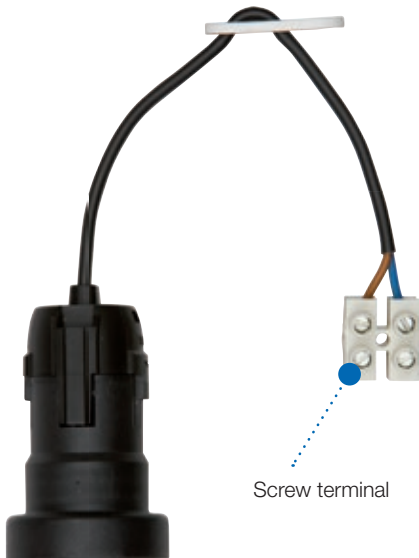
641.1711	Black
641.2711	White



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

**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: 17x9.5x12 mm Hole diameter approx. 3.1 mm
950.002	2-pole with central mounting hole Dimensions: 21x18x16 mm Hole diameter approx. 4.3 mm
950.003	3-pole with central mounting hole Dimensions: 33x19x16 mm Hole diameter approx. 4.3 mm
For wire cross sections up to 4 mm²	
950.004	2-pole with central mounting hole Dimensions: 24x22x22 mm Hole diameter approx. 5.0 mm

**Ceiling box, diameter 70 mm**

· Including screw and strain relief

#	
190.273	White Height approx. 20.0 mm

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

- 230V~ | 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

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

- 230V~ | 50/60 Hz | +/- 10%
- Max. load 100 VA at T_{oo} = -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

inter  **B&R**

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 120/110-250V 4-22W
924.168	EFS 600/200-260V 4-125W



924.168

Silicone housing, MAXI series 1000

- For halogen cold light mirror lamps 6U 5.3, diameter 51 mm, 12V~, 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 | 230V~ | Max. 35W or GU10 V LED lamp up to 5W

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



924.350

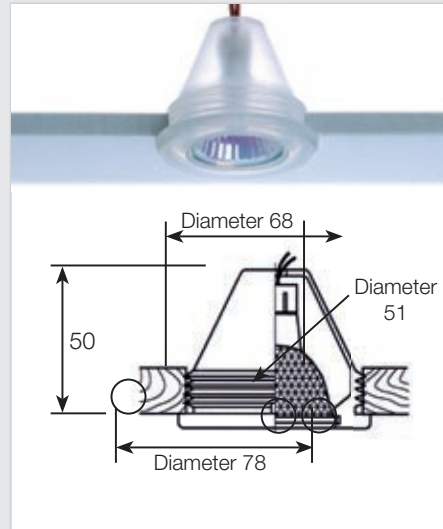
MAXI silicone housing for low-voltage recessed halogen spotlights

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.



Electrotechnical accessories





Inter BÄR

inter  **BÄR**

Dimmers	218
Switches / buttons	221
Child safety	230
Special products	231

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

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

**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

**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



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

**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

**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



Switches / buttons

Line intermediate switch, series 5052 | 66x30x21 mm

- 2 A/250 V~ | On/Off switch, 2-pole
- With screwed contacts
- Fluorescent rockers
- For dual-insulated flat cable 2x0.75 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 | 81x32x29 mm

- 2(1) A/250 V~ | On/Off switch, 1-pole
- Housing and strain relief screwed, 2 connecting terminals
- For dual-insulated flat cable 2x0.75 mm² and 3x0.75 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



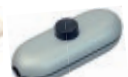
924.025



924.026



924.027



924.260

Line intermediate switch, series 8007 | 61x23x15 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, 2x0.75 mm²
- Screwed contacts

#	
---	---

924.036	Housing black Rocker black
924.037	Housing white Rocker white
924.038	Housing brown Rocker brown
924.039	Housing gold Rocker gold



924.036



924.037



924.038



924.039

Line intermediate switch, series 8002 | 58x28x29 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, 2x0.75 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 | 67x22x17 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, 2x0.5 mm² and 2x0.75 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



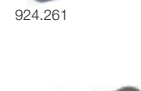
924.044



924.045



924.046



924.261

Line intermediate switch, series 8006 | 76x26x23 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 2x0.75 mm² and 3x0.75 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 | 80x30x25 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 2x0.75 mm² and 3x0.75 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

Line intermediate switch, series 8010 | 80x30x25 mm

- 10(4)A/250V~ | On/Off switch, 2-pole
- Screw-in strain relief, screwed housing, connecting terminal for protective conductor
- Marking 0 – I
- Illuminated
- For cables, 2x0.75 mm² and 3x0.75 mm²
- Screwed contacts

#	
924.327	Housing black Rocker red



924.327

Line intermediate switch, series 8011 | 105x37x37 mm

- 2A/250V~ | Multi-circuit switch, 1-pole
- Housing with double cable exit
- 2 connecting terminals
- Circuit 0-1-1+2-2-0
- For cables 2x0.75 mm² and 3x0.75 mm²
- Screwed contacts

#	
924.054	Housing black Button black
924.055	Housing white Button white



924.054



924.055

Foot intermediate switches

- Diameter 66mm
- With screwed contacts
- For cables, 2x0.75 mm² and 3x0.75 mm²
- 2 connecting terminals
- Snap-in mounting assembly for housing
- Strain relief, screwed
- Strain relief

#	
---	---

Foot intermediate switch, series 5062 | 2(1)A/250V~ | 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



924.058



924.059



924.060

Foot intermediate switch, series 8009 | 2(1)A/250V~ | 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



924.064



924.068



924.069

Foot intermediate switch, series 8009 | 6(2)A/250V~ | 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/250V~ | 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



924.069

Foot intermediate switch, series 8008 | 2A/250V~ | On/Off switch, 1-pole

924.061	Housing brass Button black Screwed housing and strain relief
---------	--



924.061

Pull switch | On/Off switch, 1-pole

- Screwed contacts
- T 125 °C

#	
Pull switch, series 3716 4(1)A/250V~	
924.151	Housing black Two-hole mounting Hole distance 20 mm Mounting holes, 3.4 mm diameter
Pull switch, series 3730 2(1)A/250V~	
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 2A/250V~ 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 2A/250V~ 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 2A/250V~	
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	2A/250V~ 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

Line-End switch, series 8016 | 30x51x20 mm

- 10(2)A/250V~ | 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

**Console pushbutton with spring contact, series 5120** | 39x34x15 mm

- 2(1)A/250V~ | 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

**Pushbutton serial switch, series 3076**

- 2A/250V~ | Multi-circuit switch, 1-pole
- Central mounting by M 12x1 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

**Pushbutton, series 8001**

- 2A/250V~ | Normally open contact, 2-pole
- Without thread | Screwed contacts
- Mounting holes, 3.6 mm diameter

#	
924.146	Button white



Pushbutton switch

- On/Off switch, 1-pole
- Central mounting by M 10x1 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 2x0.75 mm², H03VV-F 3G 0.75 mm², H03VV H2-F 2x0.75 mm², bell-shaped nut screwed on, constant switch position

924.1370	Button white Thread length 7.5 mm
----------	-------------------------------------



924.142



924.143



924.144



924.145



924.137

Button, series 8001

- 2(0.7)A/250V~ | Normally open contact, 1-pole
- Central mounting by M 10x1 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



924.160



924.161



924.162



924.163

Rocker switch, series 3652

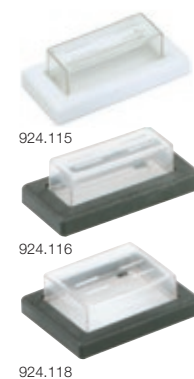
- 16(8)A/250V~
- With and without illumination
- Spade terminals 6.3x 0.8mm
- T 125°C

#	
On/Off switch, 1-pole Non-illuminated Without rocker printing 11x30mm cut-out	
924.090	Housing white Rocker white
924.091	Housing black Rocker black
On/Off switch, 1-pole Illuminated Without rocker printing 11x30mm 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 11x30mm cut-out	
924.092*	Housing black Rocker black
On/Off switch, 2-pole Non-illuminated Rocker printing with 0 I 22x30mm 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 22x30mm 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 22x30mm cut-out	
924.109	Housing black Rocker black
On/Off switch, 2 x 1-pole Illuminated Without rocker printing 22x30mm cut-out	
924.120	Housing black Rocker red/red

**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

**Rocker switch, series 8004**

- 6(2)A/250V~ | On/Off switch, 1-pole
- Snap-in fixing for 19.4x13mm cut-out
- Suitable for switching the secondary circuit of halogen lamps
- Non-illuminated, marking 0 I
- T 85°C

#	
924.127	Spade terminals 4.8mm Housing black Rocker black
924.128	Screw connections Housing black Rocker red



Rocker switch, series 8005

- 16(4)A/250V~ | On/Off switch, 2-pole
- Snap-in fixing for 22x30mm cut-out
- Combined spade terminals 6.3mm
- 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 22mm, fixing thread M 22, SK II | On/Off switch, 1-pole | 6(2)A/250V~ | 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



924.132



924.133

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

924.133	Housing black Rocker black
924.134	Housing white Rocker white



924.134

Snap-in fixing for 22 x 30mm cut-out, combined spade terminals 6.3 mm | On/Off switch, 2-poles | 16(4)A/250V~ | T 85 °C | M 3 screw connections, with water protection cap, illuminated, marking 0 I

924.136	Housing red Rocker red
---------	--------------------------



924.136

Flush rocker switch, series 3631

- 10(4)A, 250V~
- With and without illumination
- Spade terminals 4.8x 0.8mm
- Installation dimensions 19x13mm

#	
---	--

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

924.182	Housing, black
---------	----------------



924.182

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



924.110



924.181

Flush rocker switch, series 3632

- 10(2)A | 250V~ | 1-pole | T125°
- Changeover switch with central position "OFF", non-illuminated
- Installation dimensions 19x13mm
- Spade terminals 4.8x0.8mm

#	
924.183	Housing black Marking white I-O-II



924.183

Flush rocker button, series 3633

- 6 (2)A | 250V~ | 1-pole | Normally open contact | T125°
- Installation dimensions 19x13 mm
- Spade terminals 4.8x0.8mm

#	
924.184	Housing black Non-illuminated



924.184

Flush rocker switch, series 3634

- 10 (4)A | 250V~ | 2-pole | On/Off switch | T125°
- Installation dimensions 19x13 mm
- Spade terminals 4.8x0.8mm
- 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 | 250V~ | 2-pole | On/Off switch | T125°
- Installation dimensions 19x13 mm
- Spade terminals 4.8x0.8mm

#	
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 | 250V~ | 2-pole | On/Off switch | T125°
- Installation dimensions 19x13 mm
- Spade terminals 6.3mm
- 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



Teddy automatic, series 6320

- Socket guard to glue into socket outlets with earthing contact

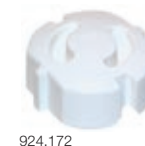
#	
5 items on blister card (price per card)	
924.009	White
924.010	Black
924.011	Brown
Loose (price per item) 250 items in a box	
924.012	White



Protective caps, series 2002

- For insertion into socket outlets with earthing contact

#	
924.172	White 10 items in transparent bag (price per bag)



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



Special products

Overload protection power strip, series 8110 | 75x45x270 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.

IT power distribution





AC power distribution units (PDU)

BlueNet – Smart Solutions	234
BN7500	242
BN7000	243
BN5000	244
BN3500	245
BN3000	246
Residual Current Monitoring (RCM)	248
BN7500 RCM –	
BN3000 RCM	250
BN2000 PLC	254
BN2000	258
BN0500	260
Basic	262
Accessories	270

DC power distribution units (PDU)

Basic	272
Accessories	273



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.



	 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.

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	•	•	•	•	•	•	•	•

	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
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.

Energy management

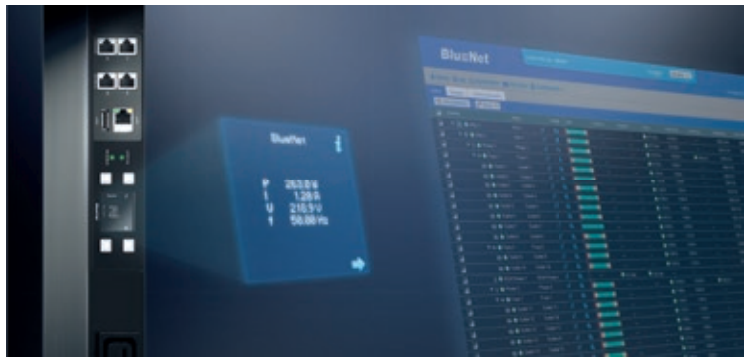
With intelligent functionality, the PDUs contribute to higher system availability and lower energy consumption. Whether by means of data to optimise power usage effectiveness or high packing density, efficiency is paramount at BlueNet.

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

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. 10m.

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 10m 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.



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.

BN7500

Measurement
per phase



Measurement
per port



Switching



Sensors



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

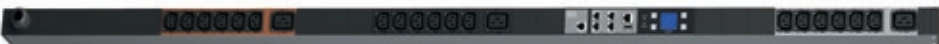
#	Slave variant	C13	C19	CEE 7/3	Outlets in total	For at least 46 U server racks	Dimensions (WxHxD)
16A/230V							
802.7500		18	4		22		1234x44x65 mm
802.7500-S	●	18	4		22		1234x44x65 mm
802.7502		18		4	22		1500x44x65 mm
802.7523		24	4		28		1533x44x65 mm
16A/400V							
802.7506		18	3		21		1533x44x65 mm
802.7507		18		3	21		1500x44x65 mm
802.7508		24	6		30		1762x44x65 mm
802.7508-S	●	24	6		30		1762x44x65 mm
802.7510		24		6	30		1762x44x65 mm
802.7514		36	6		42	●	1943x44x65 mm
802.7514-S	●	36	6		42	●	1943x44x65 mm
32A/230V							
802.7501		16	4		20		1234x44x65 mm
802.7501-S	●	16	4		20		1234x44x65 mm
802.7503		16		4	20		1234x44x65 mm
802.7524		24	4		28		1533x44x65 mm
32A/400V							
802.7509		24	6		30		1762x44x65 mm
802.7509-S	●	24	6		30		1762x44x65 mm
802.7511		24		6	30		1817x44x65 mm



802.7500



802.7501



802.7506



802.7509



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.

BN7000

Measurement
per phase Measurement
per port Switching Sensors 

3.0m 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 (WxHxD)
---	---------------	-----	-----	---------	------------------	-----------------------------------	-----------------------

16A/230V

802.7000		18	4		22		1234x44x65 mm
802.7000-S	•	18	4		22		1234x44x65 mm
802.7002		18		4	22		1500x44x65 mm
802.7021		24	4		28		1533x44x65 mm

16A/400V

802.7006		18	3		21		1500x44x65 mm
802.7007		18		3	21		1500x44x65 mm
802.7008		24	6		30		1762x44x65 mm
802.7008-S	•	24	6		30		1762x44x65 mm
802.7010		24		6	30		1762x44x65 mm
802.7014		36	6		42	•	1943x44x65 mm
802.7014-S	•	36	6		42	•	1943x44x65 mm

32A/230V

802.7001		16	4		20		1234x44x65 mm
802.7001-S	•	16	4		20		1234x44x65 mm
802.7003		16		4	20		1234x44x65 mm
802.7022		24	4		28		1533x44x65 mm

32A/400V

802.7009		24	6		30		1762x44x65 mm
802.7009-S	•	24	6		30		1762x44x65 mm
802.7011		24		6	30		1817x44x65 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.

BN5000

Measurement
per phase



Measurement
per port



Switching



Sensors



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

#	C13	C19	Outlets in total	For at least 46 U server racks	Dimensions (WxHxD)
16A/400V					
802.5002	18	3	21		1234x44x65 mm
802.5003	24	6	30		1762x44x65 mm
802.5005	36	6	42	●	1943x44x65 mm
32A/400V					
802.5004	24	6	30		1762x44x65 mm



802.5003



802.5004



802.5005



Other product configurations (e.g. surge protection) and slave variants (802.50XX-S) are available on request.

BN3500

Measurement
per phase



Measurement
per port



Switching



Sensors



3.0m 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 (WxHxD)
16A/230V							
802.3500		18	4		22		1234x44x65 mm
802.3500-S	●	18	4		22		1234x44x65 mm
802.3502		18		4	22		1500x44x65 mm
802.3519		24	4		28		1533x44x65 mm
16A/400V							
802.3506		18	3		21		1500x44x65 mm
802.3507		18		3	21		1500x44x65 mm
802.3508		24	6		30		1762x44x65 mm
802.3508-S	●	24	6		30		1762x44x65 mm
802.3510		24		6	30		1762x44x65 mm
802.3514		36	6		42	●	1943x44x65 mm
802.3514-S	●	36	6		42	●	1943x44x65 mm
32A/230V							
802.3501		16	4		20		1234x44x65 mm
802.3501-S	●	16	4		20		1234x44x65 mm
802.3503		16		4	20		1234x44x65 mm
802.3520		24	4		28		1500x44x65 mm
32A/400V							
802.3509		24	6		30		1762x44x65 mm
802.3509-S	●	24	6		30		1762x44x65 mm
802.3511		24		6	30		1817x44x65 mm



802.3500



802.3501



802.3506



802.3509



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



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

BN3000

Measurement
per phase Measurement
per port Switching Sensors 

3.0m 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 (WxHxD)
---	---------------	-----	-----	---------	------------------	-----------------------------------	-----------------------

16A/230V

802.3004		16	4		20		1102x44x65 mm
802.3004-S	●	16	4		20		1102x44x65 mm
802.3006		16		4	20		1102x44x65 mm
802.3041		24	4		28		1533x44x65 mm

16A/400V

802.3010		18	3		21		1234x44x65 mm
802.3011		18		3	21		1234x44x65 mm
802.3012		24	6		30		1533x44x65 mm
802.3012-S	●	24	6		30		1533x44x65 mm
802.3014		24		6	30		1533x44x65 mm
802.3016		24	6	6	36		1762x44x65 mm
802.3018		36	6		42		1873x44x65 mm
802.3018-S	●	36	6		42		1873x44x65 mm
802.3020		36		6	42		1873x44x65 mm

32A/230V

802.3005		16	4		20		1234x44x65 mm
802.3005-S	●	16	4		20		1234x44x65 mm
802.3007		16		4	20		1234x44x65 mm
802.3042		24	4		28		1533x44x65 mm

32A/400V

802.3013		24	6		30		1762x44x65 mm
802.3013-S	●	24	6		30		1762x44x65 mm
802.3015		24		6	30		1870x44x65 mm
802.3019		36	6		42	●	2170x44x65 mm
802.3019-S	●	36	6		42	●	2170x44x65 mm



802.3004



802.3010



802.3012



802.3013



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 252.

BN3000 Inline

Measurement
per phase

Measurement
per port

Switching

Sensors

Power input: 3.0m H05VV-F with CEE plug
Power output: 3.0m H05VV-F with CEE coupling | Including mounting kit

#	Phase(s)	Voltage (V)	Current (A)	Power (kVA)	Dimensions (WxHxD)
802.3069	1	230	16	3.7	438x44x134 mm
802.3067	3	400	16	11.0	438x44x134 mm
802.3070	1	230	32	7.4	438x44x134 mm
802.3068	3	400	32	22.1	438x44x134 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**

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.

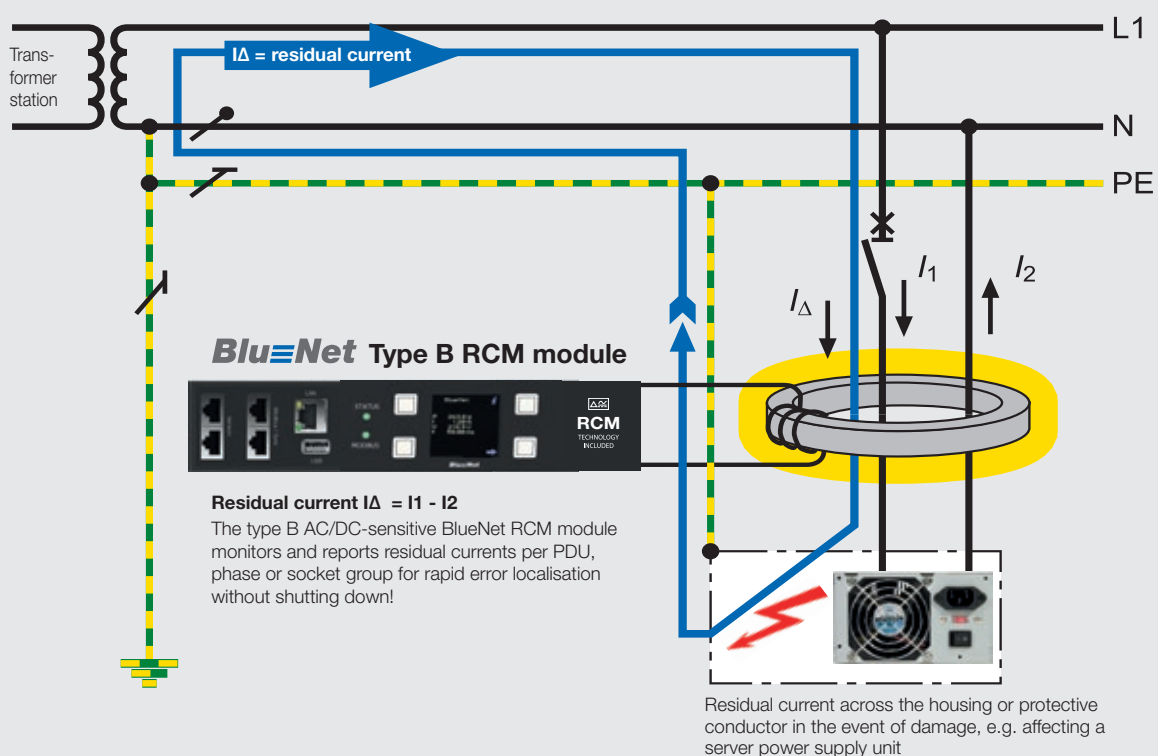


BlueNet
Efficient Power Management

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)**

BN7500 RCM

Measurement
per phase

Measurement
per port

Switching

Sensors

3.0m 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

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 

3.0m 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 

3.0m 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.

BN3000 RCM

Measurement
per phase Measurement
per port Switching Sensors 

3.0m 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 (WxHxD)
---	---------------	-----	-----	---------	------------------	-----------------------------------	-----------------------

16A/230V/residual current monitoring per supply cable

802.3055		16	4		20		1103x44x65 mm
802.3055-S	•	16	4		20		1103x44x65 mm

16A/400V/residual current monitoring per supply cable

802.3030		24	12		36		1762x44x65 mm
802.3030-S	•	24	12		36		1762x44x65 mm

32A/400V/residual current monitoring per supply cable

802.3031		24	12		36	•	2037x44x65 mm
802.3031-S	•	24	12		36	•	2037x44x65 mm

16A/230V/residual current monitoring per phase

802.3032		12	2		14		891x44x65 mm
----------	--	----	---	--	----	--	--------------

16A/400V/residual current monitoring per phase

802.3022		18	3		21		1234x44x65 mm
802.3023		18		3	21		1500x44x65 mm
802.3024		24	6		30		1533x44x65 mm
802.3024-S	•	24	6		30		1533x44x65 mm

32A/400V/residual current monitoring per phase

802.3025		24	6		30		1873x44x65 mm
802.3025-S	•	24	6		30		1873x44x65 mm



802.3055



802.3024



802.3025



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

BN3000 RCM Inline

Measurement
per phase

Measurement
per port

Switching

Sensors

Power input: 3.0m H05VV-F with CEE plug
Power output: 3.0m H05VV-F with CEE coupling | Including mounting kit

#	Phase(s)	Voltage (V)	Current (A)	Power (kVA)	Dimensions (WxHxD)
802.3072	1	230	16	3.7	438x44x134 mm
802.3039	3	400	16	11.0	438x44x134 mm
802.3071	1	230	32	7.4	438x44x134 mm
802.3065	3	400	32	22.1	438x44x134 mm



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

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

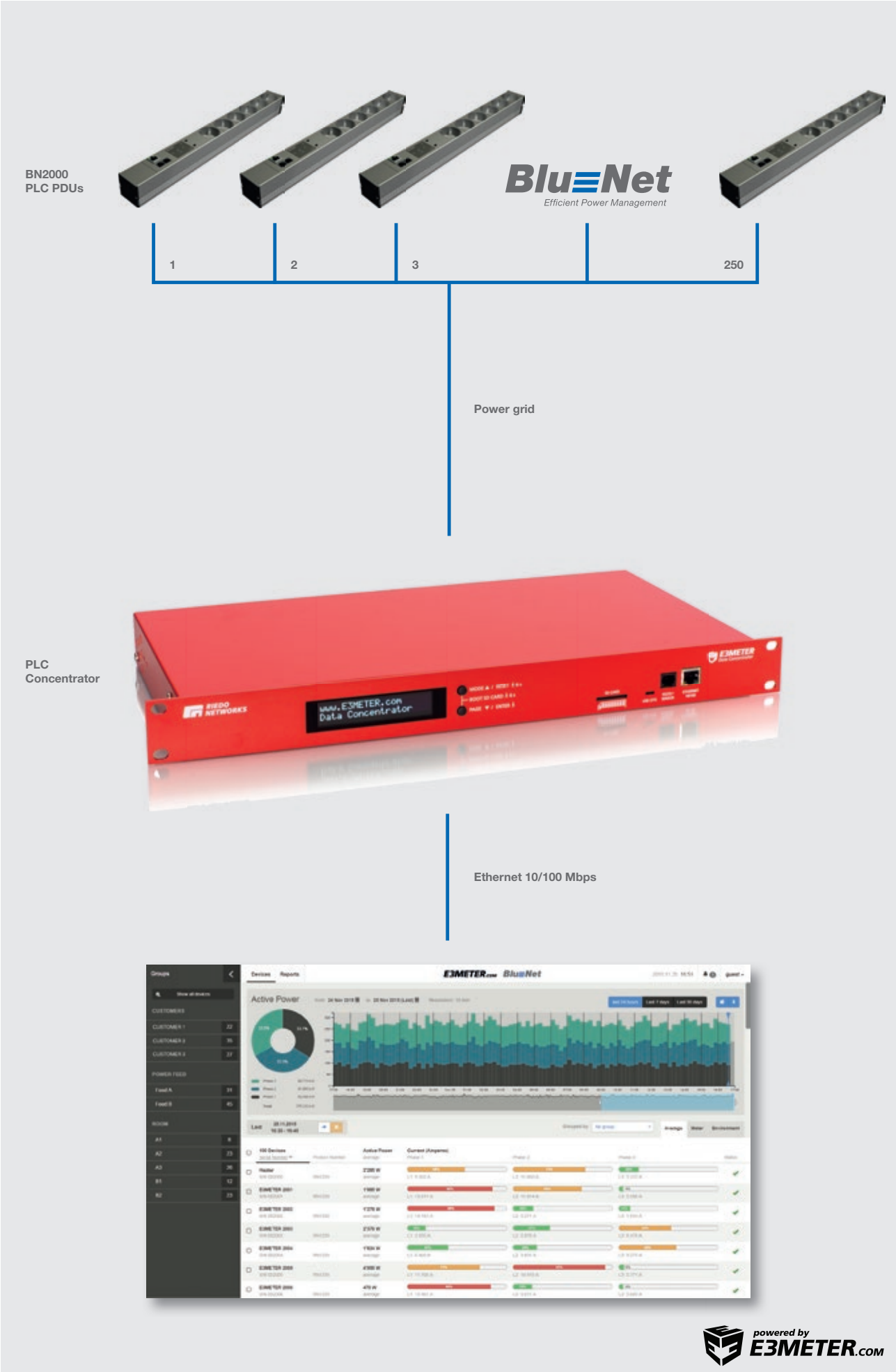
Reducing running costs in data centres is one of the most challenging tasks faced when planning and operating a data centre. BlueNet BN2000 PLC can make a considerable contribution to those efforts. The costs associated with the network infrastructure and providing and managing the measurement data depend 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)**



BN2000 PLC

Measurement
per phase 

Measurement
per port 

Switching 

Sensors 

3.0m 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 (WxHxD)
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 2x3 phases/230V/400V



BN2000 Inline PLC

Measurement per phase 

Measurement per port 

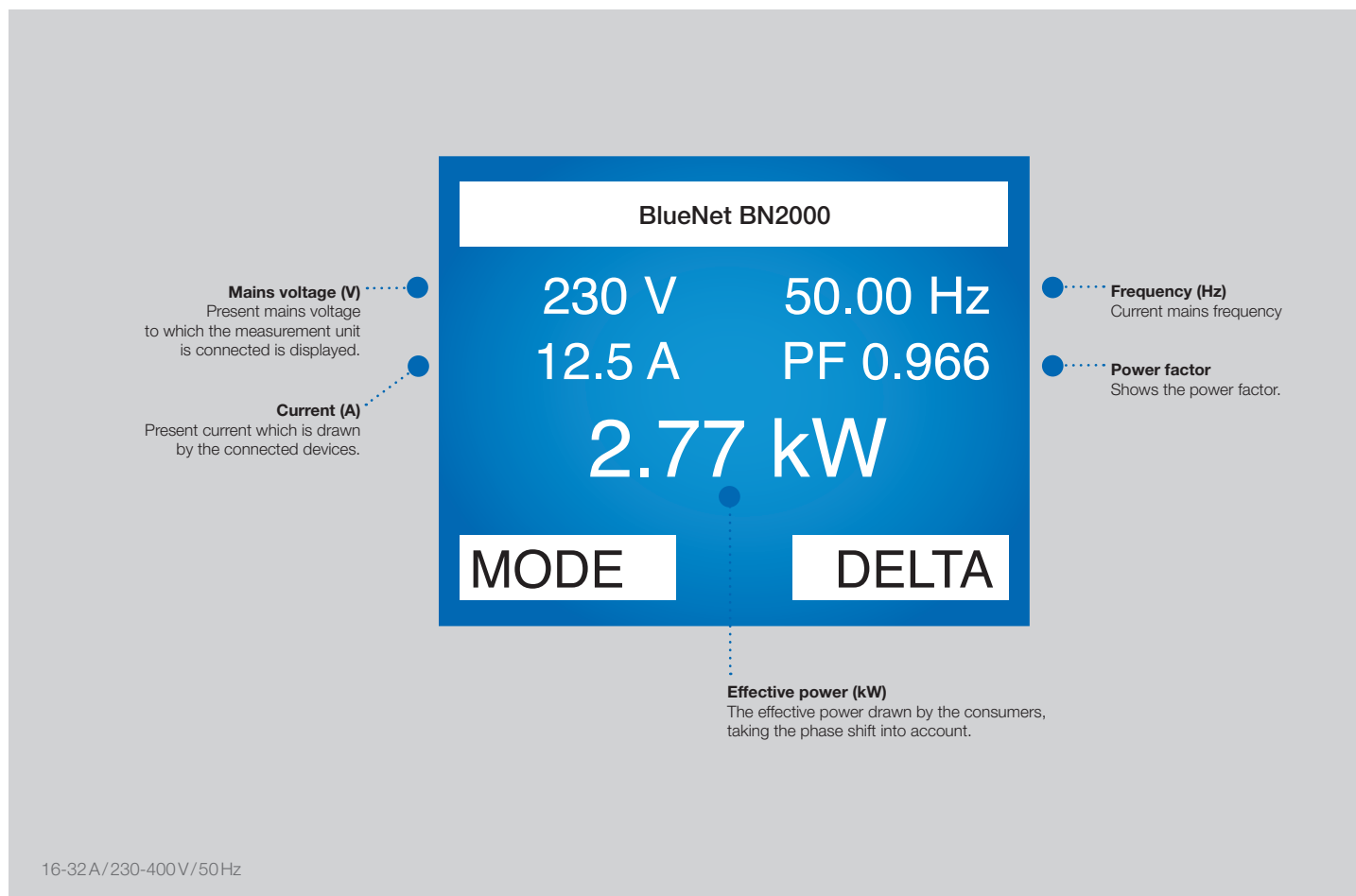
Switching 

Sensors 

16-32A / 230-400V

#	Phase(s)	Voltage (V)	Current (A)	Power (kVA)	Dimensions (WxHxD)
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





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**

Measurement per phase

Measurement per port

Switching

Sensors

3.0m 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)
---	------------------	------	----------	-----	---------	-----	--------------------------------	------------------	--------------------

329.3009	2	CEE 7/3	1		6			6	439x44x47 mm
329.3010	2	CEE 7/3	1	8				8	439x44x47 mm
329.3057	3	CEE	1	24		3*		30	1033x44x47 mm

329.3012	3	CEE	3	36	6			42	1758x44x47 mm
329.3013	3	CEE	3	36		6		42	1758x44x47 mm
329.3059	3	CEE	3	24		6*		30	1373x44x47 mm

329.3056	3	CEE	1	24		4*	2	28	1331x44x47 mm
----------	---	-----	---	----	--	----	---	----	---------------

329.3058	3	CEE	3	24		6*	6	30	1883x44x47 mm
----------	---	-----	---	----	--	----	---	----	---------------



BN2000 Inline

Measurement per phase

Measurement per port

Switching

Sensors

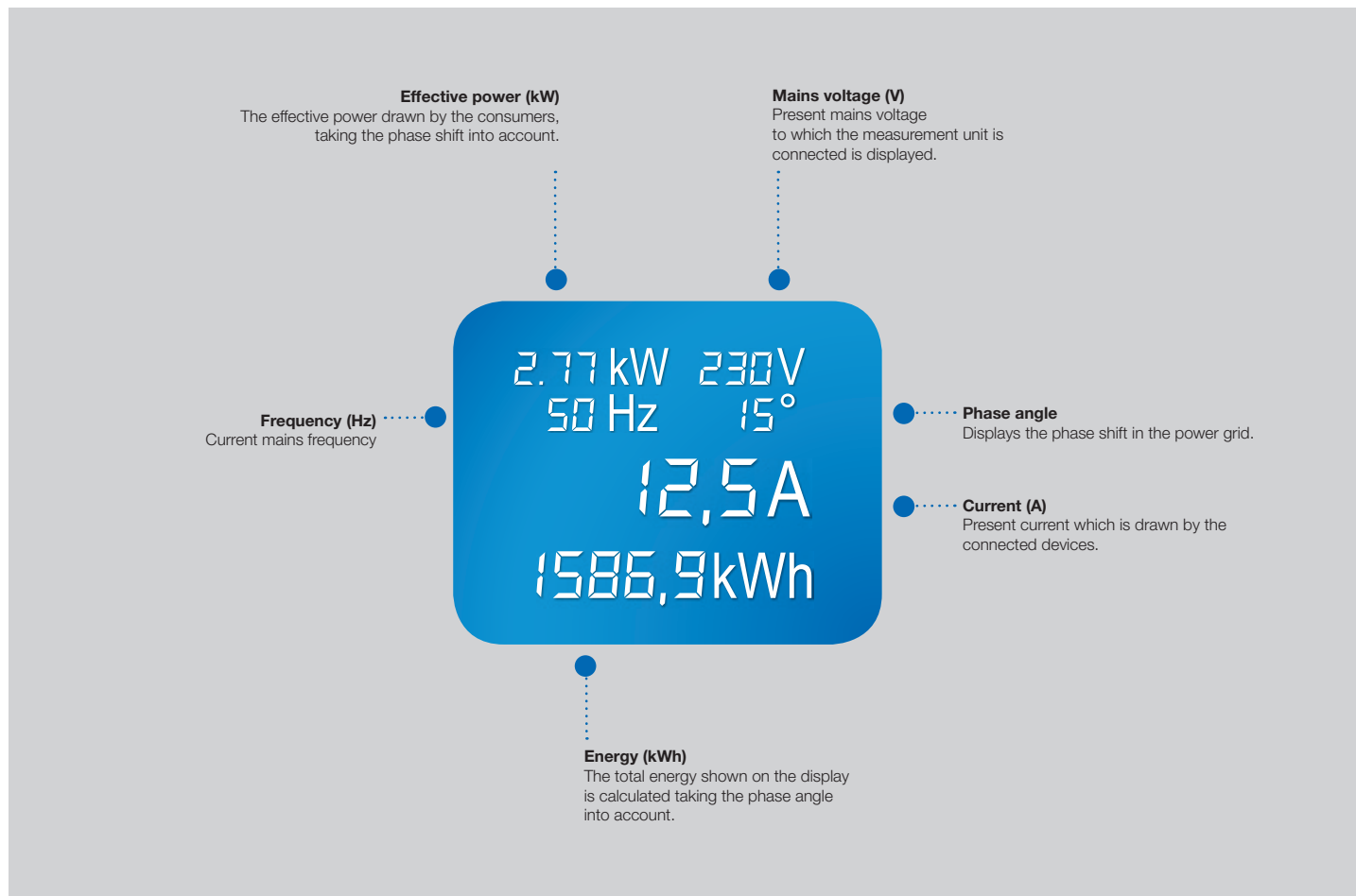
16-32A/ 230-400V/50Hz

#	Phase(s)	Voltage (V)	Current (A)	Power (kVA)	Dimensions (WxHxD)
329.3032	1	230	16	3.7	232x104x102 mm
329.3033	3	400	16	11.0	232x104x102 mm
329.3036	1	230	32	7.4	232x104x102 mm
329.3037	3	400	32	22.1	232x104x102 mm



i

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



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**

Measurement
per phase Measurement
per port Switching Sensors **19" BN0500 (16A/230V)** | Incl. mounting brackets

#	C13	C19	CEE 7/3	UTE	UK	T13	Outlets in total	Dimen- sions (WxHxD)
2.0m H05VV-F 3G 1.5mm² with right-angled plug with earthing contact								
800.2054			8				8	483x44x47 mm
800.2055	12						12	483x44x47 mm
800.2154		8					8	483x44x47 mm
800.2067*				8			8	483x44x47 mm
2.0m H05VV-F 3G 1.5mm² with UK plug								
800.2068*					6		6	483x44x47 mm
2.0m H05VV-F 3G 1.5mm² with T23 plug								
800.2063*						7	7	483x44x47 mm

BN0500 with CEE plug | Incl. mounting brackets

#	C13	C19	CEE 7/3	Outlets in total	Dimen- sions (WxHxD)
16A/230V 3.0m H05VV-F 3G 1.5mm²					
800.2395	16	4		20	746x44x47 mm
800.2396	16		4	20	746x44x47 mm
800.2135	24	4**		28	958x44x47 mm
16A/400V 3.0m H05VV-F 5G 2.5mm²					
800.2398	18	3		21	978x44x47 mm
800.2399	18		3	21	978x44x47 mm
800.2400	24	6		30	1360x44x47 mm
800.2401	24		6	30	1360x44x47 mm
800.2402	24	6	6	36	1787x44x47 mm
800.2403	36	6		42	1616x44x47 mm
800.2404	36		6	42	1616x44x47 mm
32A/230V 3.0m H05VV-F 3G 4mm²					
800.2405	16	4		20	916x44x47 mm
800.2406	16		4	20	916x44x47 mm
800.2407	24	4		28	1086x44x47 mm
32A/400V 3.0m H05VV-F 3G 4mm²					
800.2408	24	6		30	1787x44x47 mm
800.2409	24		6	30	1787x44x47 mm
800.2410	36	6		42	2042x44x47 mm



800.2054



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



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

- Cable type: 2.0m H05VV-F 3G 1.5mm²
- Phase(s): 1
- Nominal voltage: 230V
- Current per phase: 16A

#	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



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

For more **19" power strips >1 U**, see from page 268.

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

- Cable type: 2.0m H05VV-F 3G 1.50mm²
- Plug: CEE 7/7
- Phase(s): 1
- Current per phase: 16A

#	CEE 7/3	Outlets in total	Dimensions (WxHxD)
333.413	12	12	565x44x47 mm

10"

333.417	3	3	208x44 x47 mm
333.0122	4	4	208x44 x47 mm

With surge protection

800.2334	12	12	608x44 x47 mm
----------	----	----	---------------

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

- Cable type: 2.0m H05VV-F 3G 1.50mm²
- 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

**19" fuse box (32A/400V/50 Hz)** | Incl. mounting brackets

- Cable type: 2.0m H05VV-F 5G 4.0mm²
- Space-saving option of splitting a 32A/400V infeed between two 16A/400V infeeds
- 6 x 16A 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	3xCEE 32A	3	400	32	6xC16	6 x 16A	6

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

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

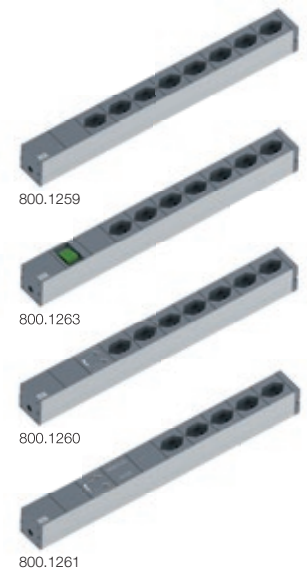
	Phase(s)	Voltage (V)	Current (A)	Cable type H05VV-F	Dimensions (WxHxD)
800.2621	1	230	16	3G 2.5 mm ²	261x44x47 mm
800.2622	1	230	32	3G 4 mm ²	261x44x47 mm
800.2522	3	400	16	5G 2.5 mm ²	303x44x47 mm
800.2623	3	400	32	5G 2.5 mm ²	303x44x47 mm



19" IT PDU Basic Switzerland (230V/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 1.0mm ²	2.0	T12	10		10	8		8
800.1262	3G 1.5mm ²	3.0	T23	16				8	8
800.1263	3G 1.0mm ²	2.0	T12	10	●	10	7		7
800.1264	3G 1.5mm ²	3.0	T23	16	●			7	7
With surge protection									
800.1260	3G 1.0mm ²	2.0	T12	10		10	7		7
800.1258	3G 1.5mm ²	3.0	T23	16				7	7
With surge protection Mains and frequency filters									
800.1261	3G 1.0mm ²	2.0	T12	16		10	5		5
800.1265	3G 1.5mm ²	3.0	T23	16				5	5

**19" IT PDU Basic UK (230V/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 1.5mm ²	2.0	UK	13		7	7
333.805	3G 1.5mm ²	2.0	UK	13	●	6	6

**19" IT PDU Basic France (230V/50 Hz)** | Incl. mounting brackets· Cable type: 2.0m H05VV-F 3G 1.50mm²

· Phase(s): 1

· Current per phase: 16A

#	Plug	Miniature circuit breaker	RCD 30mA	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



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



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.



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 (WxHxD) (mm)
---	------------------------	------------------	------	----------	-----------------------------------	-----	-------------------------------	-----	---------	------------------	-------------------------------

16 A/230V/50Hz

800.1657	3G2.5mm ²	3	CEE	1		24	●	3*		27	1075x44x47
800.2335	3G2.5mm ²	3	CEE	1		16			4	20	735x44x47

19" | 16 A/400V/50Hz

800.0111	5G2.5 mm ²	3	CEE	3				6*		6	482.6x44x47
----------	-----------------------	---	-----	---	--	--	--	----	--	---	-------------

16 A/400V/50Hz

800.0104	5G2.5mm ²	3	CEE	3		18		3*		21	821x44x47
800.0105	5G2.5mm ²	3	CEE	3		18				18	821x44x47
800.0107	5G2.5mm ²	3	CEE	3					15	15	821x44x47
800.0109	5G2.5mm ²	3	CEE	3		12			6	18	821x44x47
800.1656	5G2.5mm ²	3	CEE	3		24		3*		27	1075x44x47
800.0113	2x5G2.5mm ²	2x3	2xWEF**	6		36			12	48	1840x44x47
800.0114	2x5G2.5mm ²	2x3	2xWEF**	6		48				48	1840x44x47
800.2337	5G2.5mm ²	3	CEE	3		18			3	21	734x44x47
800.2282	5G2.5mm ²	3	CEE	3		24		6		30	1116x44x47
800.2339	5G2.5mm ²	3	CEE	3		24			6	30	1203x44x47
800.2283	5G2.5mm ²	3	CEE	3		24		6	6	36	1457x44x47
800.1453	5G2.5mm ²	3	CEE	3		36		6	6	48	1713x44x47
800.2341	5G2.5mm ²	3	CEE	3		36		6		42	1457x44x47
800.2342	5G2.5mm ²	3	CEE	3		36			6	42	1458x44x47

32 A/230V/50Hz

800.0119	3G4mm ²	3	CEE	1	2	20				20	778x44x47
800.2336	3G4mm ²	3	CEE	1	2	24		4		28	1119x44x47

32 A/400V/50Hz

800.0100	5G4mm ²	3	CEE	3	6			12*		12	1075x44x47
800.0101	5G4mm ²	3	CEE	3	6			6*		6	820x44x47
800.0102	5G4mm ²	3	CEE	3	6	36				36	1586x44x47
800.2338	5G4mm ²	3	CEE	3	6	24		6		30	1586x44x47
800.2340	5G4mm ²	3	CEE	3	6	24			6	30	1586x44x47



800.0113



800.0100



800.0107



800.0105



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

- Power input: 2.0m, H05VV-F 3G 1.50mm² | Grey | With moulded right-angled plug with dual earthing contact system
- Phase(s): 1
- Current per phase: 16A
- Set at 35°

#	Switch	CEE 7/3	Outlets in total	Dimensions (WxHxD)
333.001		8	8	440x52x44 mm
333.000	●	7	7	440x52x44 mm
With surge protection				
333.004		7	7	440x52x44 mm
333.005	●	6	6	440x52x44 mm
With surge protection Mains and frequency filters				
333,002		5	5	440x52x44 mm
331.0202	●	4	4	440x52x44 mm



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

- Power input: 2.0m, H05VV-F 3G 1.50mm² | 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 (WxHxD)
333.601		8	8	440x52x44 mm
333.600	●	7	7	440x52x44 mm
With surge protection				
333.604		7	7	440x52x44 mm
333.605	●	6	6	440x52x44 mm



Stainless steel mounting bracket



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

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 2.0m 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

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)

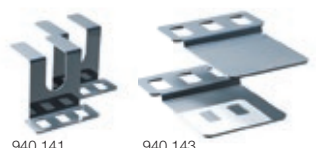


940.142

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

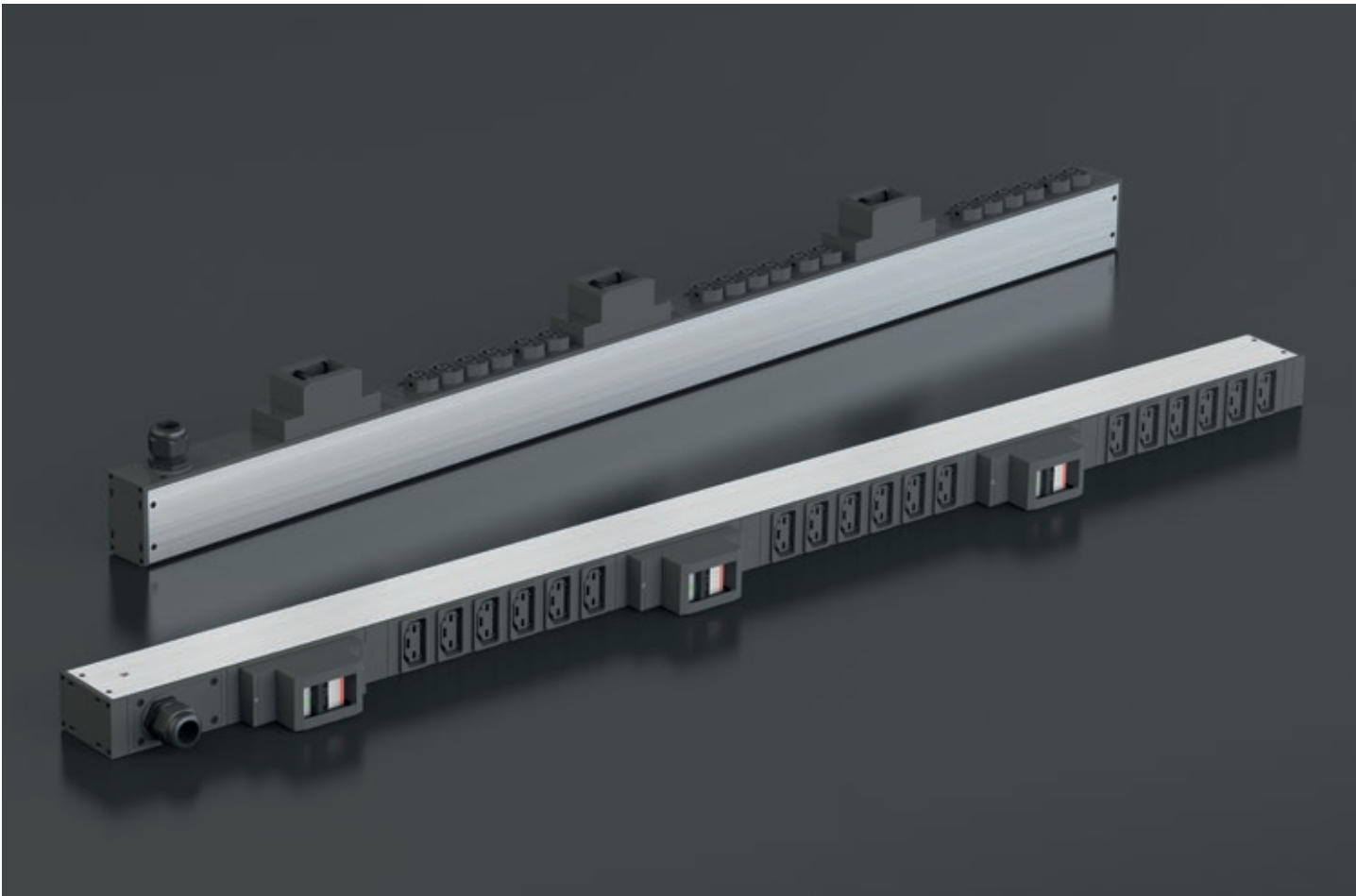


802.0003



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.



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 requirements. 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 230/400V 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.

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		3x10A
832.0101	24		4x8A

APP Saf-D-Grid® outputs

832.0001	18	•	3x10A
832.0002	24	•	4x8A



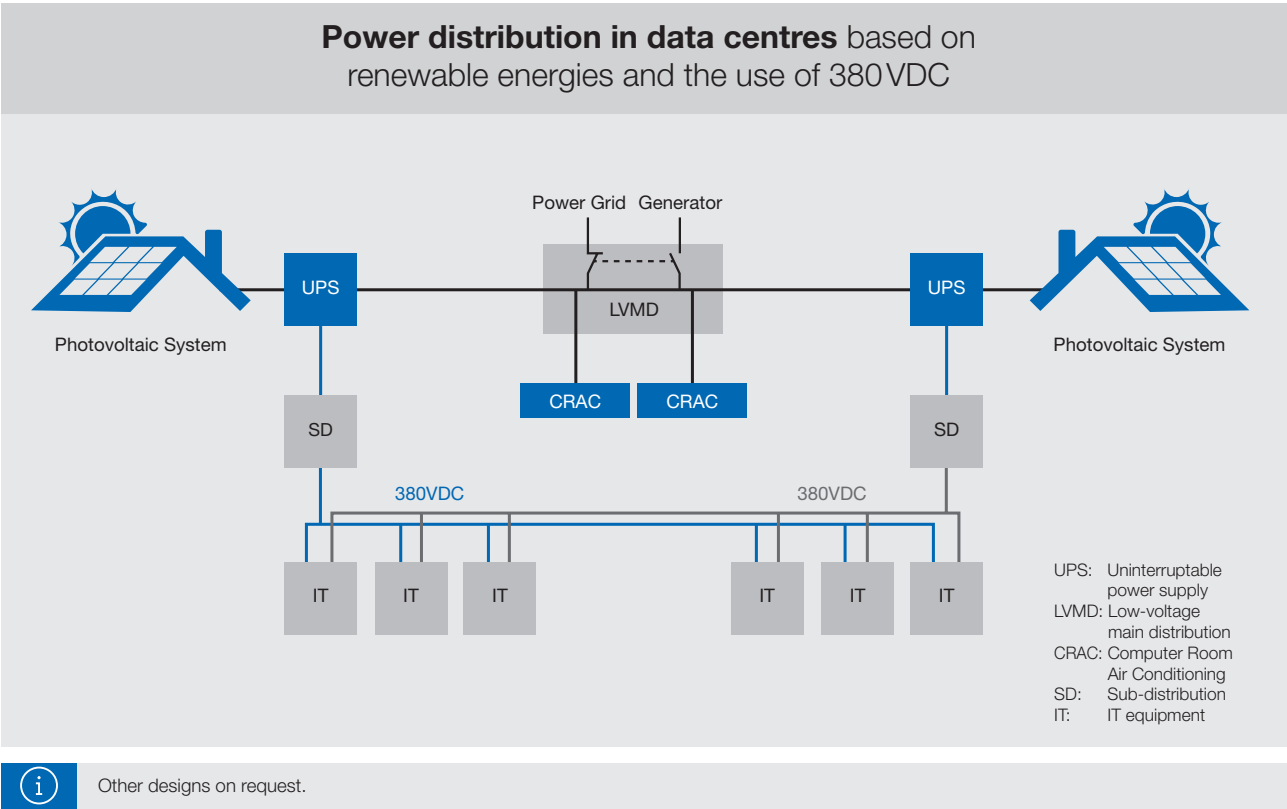
832.0100



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: 6.5A Length 2.0m
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: 24A Length 2.0m



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 through 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 20A 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

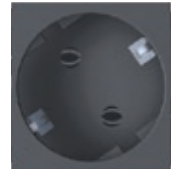
Industry standard for electrical plug connectors. Used in professional public-address and recording studio systems. 3-pole XLR connectors are used for analogue microphone and loudspeaker signals and for digital AES/EBU signals. 5-pole connectors are used for DMX digital lighting control data.

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°

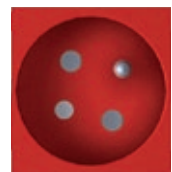
Module width: 42.5 mm
 With shutter



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°

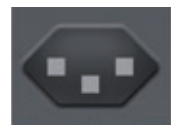
Module width: 35 mm
 With shutter



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: 13A/250V max. 3200W
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/250V 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: 10A/250V max. 2500W
Standard: AS/NZS 3112
Colour: black
Orientation: set at 90°

Module width: 44.8 mm



M-CN | China/type I

Output: 10A/250V max. 2500W
Standard: CPCS-CCC
Colour: black
Orientation: set at 90°

Module width: 42.5 mm



M-DK | Denmark/type K

Output: 10A/250V max. 2500W
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: 10A/250V max. 2500W
Standard: DK 2-5a (DK IT)
Colour: black
Orientation: set at 35°

Module width: 42.5 mm
 With shutter



M-IEC C13

Output: 10A/250V max. 2500W
Standard: IEC 60320
Colour: black
Orientation: set at 90°

Module width: 42.5 mm



M-IEC C19

Output: 16A/250V max. 3680W
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

O5RV4-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-F 3G 1.00 mm²
H05VV-F 3G 1.50 mm²
H05VV-F 3G 2.50 mm²

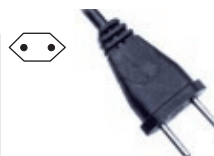
H07RN-F 3G 1.00 mm²
H07RN-F 3G 1.50 mm²



Swiss plug | SEV 1011 T11 (type J)

BACHMANN type: type 11, 10A
2-pole

Suitable for (e.g.):
H03VVH2-F 2x 0.75 mm²
H05VVH2-F 2x 1.0 mm²
H05VV-F 2x 1.00 mm²



Swiss plug | SEV 1011 T12 (type J)

BACHMANN type: type 12, 10A
2-pole with earthing contact

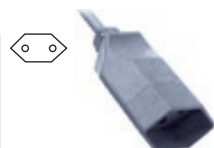
Suitable for (e.g.):
H05VV-F 3G 1.00 mm²
H05VV-F 3G 1.50 mm²



Swiss coupling | SEV 1011 T11 (type J)

BACHMANN type: type 11 D
2-pole

Suitable for (e.g.):
H03VVH2-F 2x 0.75 mm²
H03VV-F 2x 0.75 mm²
H05VV-F 2x 1.00 mm²



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

Swiss plug | SEV 1011 T23 (type J)

BACHMANN type: type 23, 10A/16A
2-pole with earthing contact

Suitable for (e.g.):
H05VV-F 3G 1.00 mm²
H05VV-F 3G 1.50 mm²



Plug with protection class 0 | CEE 7/2 (type C)

BACHMANN type: type 44
2-pole

Suitable for (e.g.):
H03VV-F 2x 0.75 mm²
H05VV-F 2x 0.75 mm²
H05VV-F 2x 1.00 mm²
H05VV-F 2x 1.50 mm²



UK plug | BS 1363 (type G)

BACHMANN type: type 45-2, 13A
2-pole
Moulded with 13 A fuse

Suitable for (e.g.):
H03VVH2-2x 0.75 mm²
H05VVH2-2x 0.75 mm²
H03VV-F 2x 0.75 mm²
H05VV-F 2x 0.75 mm²
H05VV-F 2x 1.00 mm²



BACHMANN type: type 45, 13A
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

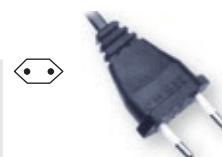
Suitable for (e.g.):
H05VV-F3G 0.75 mm²
H05VV-F3G 1.00 mm²
H05VV-F3G 1.50 mm²



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

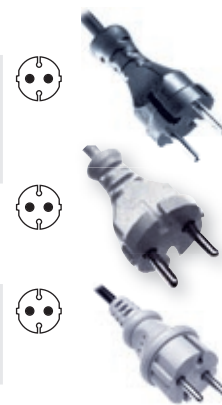
Suitable for (e.g.):
H05RN-F 2 x 1.00 mm²
H07RN-F 2 x 1.00 mm²
H07RN-F 2 x 1.50 mm²
H05BQ-F 2 x 1.00 mm²
H07BQ-F 2 x 1.50 mm²

BACHMANN type: type 24 K

Suitable for (e.g.):
H05VV-F 2 x 0.75 mm²
H05VV-F 2 x 1.00 mm²

BACHMANN type: type 24 S
Splash-proof
Shock-resistant

Suitable for (e.g.):
H07RN-F 2 x 1.00 mm²
H07RN-F 2 x 1.50 mm²
H05BQ-F 2 x 1.0 mm²
H05BQ-F 2 x 1.5 mm²



Non-heating device coupling, central | IEC 60320-C13

BACHMANN type: type 35
2-pole with earthing contact
70 °C

Suitable for (e.g.):
H05VV-F 3G 0.75 mm²
H05VV-F 3G 1.00 mm²



Non-heating device coupling, angled | IEC 60320-C13

BACHMANN type: type 35 W
2-pole with earthing contact
On right, on left
70 °C

Suitable for (e.g.):
H05VV-F 3G 0.75 mm²
H05VV-F 3G 1.00 mm²



Non-heating device plug, central | IEC 60320-C14

BACHMANN type: type 35 S
2-pole with earthing contact
70 °C

Suitable for (e.g.):
H05VV-F 3G 0.75 mm²
H05VV-F 3G 1.00 mm²



Non-heating device coupling, central | IEC 60320-C17

BACHMANN type: type 35-S
2-pole
70 °C

Suitable for (e.g.):
H05VV-F 2 x 0.75 mm²
H05VV-F 2 x 1.00 mm²



Non-heating device coupling, angled | IEC 60320-C17

BACHMANN type: type 35-2 W 2-pole On right, on left 70 °C	Suitable for (e.g.): H05VV-F 2 x 0.75 mm ² H05VV-F 2 x 1.00 mm ²
---	---



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 mm ² H05VV-F 2 x 1.00 mm ²
--	---



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 mm ²
--	---



BACHMANN International

Intercompany | Partner | Country Managers

ALBANIA Bachmann GmbH Zlatko Zivkovic – Regional Manager Telephone +381 69 57 75 017 Email zlatko.zivkovic@bachmann.com Web www.bachmann.com	CZECH REPUBLIC Bachmann Romania S.R.L. Alexandru Tutuianu – Office Romania Telephone +40 269 806 730 Email alexandru.tutuianu@bachmann.ro Web www.bachmann.com Elektro-System-Technik S.R.O. Pod Pekarnami 338/12 19000 Praha 9-Vysocany Telephone +420 266 090 711 Fax +420 266 090 717 Web www.est-praha.cz	IRAN Bachmann GmbH Melissa Schlecht – Head Office Germany Telephone +49 711 86602-67 Fax +49 711 86602-34 Email melissa.schlecht@bachmann.com Web www.bachmann.com Fared Company F10, No 8, Kooshesh Alley Sohrevardi North st Tehran Telephone +98 21 88 752 720 Fax +98 21 88 752 849 Email info@fared.ir Web www.fared.ir
ASIA PACIFIC Bachmann Hong Kong Ltd 8/F, No. 88 Hing Fat Street Causeway Bay, Hong Kong Telephone +852 28 022 638 Fax +852 28 342 938 Email en@bachmann.com Web www.bachmann.com	DENMARK Bachmann GmbH Andrea Abert – Head Office Germany Telephone +49 711 86602-918 Fax +49 711 86602-34 Email andrea.abert@bachmann.com Web www.bachmann.com	IRELAND Bachmann GmbH Melissa Schlecht – Head Office Germany Telephone +49 711 86602-67 Fax +49 711 86602-34 Email melissa.schlecht@bachmann.com Web www.bachmann.com LMC Electrical Systems Les McCormack Oak House, Unit 1 Oak Park Industrial Estate Oak Rd, Western Industrial Estate Dublin 12 Telephone +353 14 242 414 Fax +353 14 242 411 Email sales@lmc.es.com Web www.lmc.es.com/en
AUSTRIA Bachmann GmbH Yasemin Nazligül – Head Office Germany Telephone +49 711 86602-938 Fax +49 711 86602-34 Email yasemin.nazliguel@bachmann.com Web www.bachmann.com Burisch Elektro Systemtechnik GmbH Percostraße 16 1220 Vienna Telephone +43 1250 010 Fax +43 125 001 250 Email office@burisch.co.at Web www.burisch.co.at	ESTONIA Bachmann GmbH Margo Korgesaar – Country Manager Telephone +372 51 78 489 Email margo.korgesaar@bachmann.com Web www.bachmann.com	ITALY Bachmann GmbH Antonello Longo – Country Manager Mobile +39 392 0040266 Email antonello.longo@bachmann.com Web www.bachmann.com Häfele Italia S.R.L. Distribution HOME & OFFICE Solutions Via della Valle, 69 20841 Carate Brianza Telephone +39 0362 57 741 Fax +39 0362 57 74 477 Email info@hafele.it Web www.hafele.com
BELGIUM Bachmann GmbH Lidia Calò – Head Office Germany Telephone +49 711 86602-873 Fax +49 711 86602-34 Email lidia.calo@bachmann.com Web www.bachmann.com Vander Elst NV – SA Oostvaardtdijk 42 1850 Grimbergen Telephone +32 2 242 79 59 Fax +32 2 242 26 24 Email info@vanderelst-electric.eu Web www.vanderelst-electric.eu	FINLAND Bachmann GmbH Anne Suuronen – Country Manager Mobile +35 840 15 10 905 Email anne.suuronen@bachmann.com Web www.bachmann.com	ITALY COMM-TEC S.R.L. Distribution Audio/Video Via Proventa 90 48018 Faenza Telephone +39 0546 622 080 Fax +39 0546 622 090 Email commerciale@comm-tec.it Web www.comm-tec.it
BOSNIA-HERZEGOVINA Bachmann GmbH Zlatko Zivkovic – Regional Manager Telephone +381 69 57 75 017 Email zlatko.zivkovic@bachmann.com Web www.bachmann.com	FRANCE Bachmann S.A.R.L. Showroom address: Micro Parc – Bâtiment E 33, Rue des Chardonnerets 93290 Tremblay en France Postal address: BP60364 Tremblay en France 95942 ROISSY CDG CEDEX Telephone +33 1 48 63 17 00 Fax +33 1 48 63 17 08 Email contact@bachmann.com Web www.bachmann.com	LATVIA Bachmann GmbH Margo Korgesaar – Country Manager Telephone +372 51 78 489 Email margo.korgesaar@bachmann.com Web www.bachmann.com
BULGARIA Bachmann GmbH Zlatko Zivkovic – Regional Manager Telephone +381 69 57 75 017 Email zlatko.zivkovic@bachmann.com Web www.bachmann.com	GERMANY Bachmann GmbH Ernstthaldenstraße 33 70565 Stuttgart Telephone +49 711 86602-0 Fax +49 711 86602-34 Email info@bachmann.com Web www.bachmann.com	LITHUANIA Bachmann GmbH Margo Korgesaar – Country Manager Telephone +372 51 78 489 Email margo.korgesaar@bachmann.com Web www.bachmann.com
CROATIA Bachmann GmbH Zlatko Zivkovic – Regional Manager Telephone +381 69 57 75 017 Email zlatko.zivkovic@bachmann.com Web www.bachmann.com	GREECE Bachmann GmbH Zlatko Zivkovic – Regional Manager Telephone +381 69 57 75 017 Email zlatko.zivkovic@bachmann.com Web www.bachmann.com	LUXEMBOURG Bachmann GmbH Lidia Calò – Head Office Germany Telephone +49 711 86602-873 Fax +49 711 86602-34 Email lidia.calo@bachmann.com Web www.bachmann.com Marco Zenner S.À.R.L. Zone Industrielle Zare Est 4385 Ehlerange Telephone +352 44 15 441 Fax +352 45 57 73 Email contact@zenner.lu Web www.zenner.lu
CYPRUS Bachmann GmbH Zlatko Zivkovic – Regional Manager Telephone +381 69 57 75 017 Email zlatko.zivkovic@bachmann.com Web www.bachmann.com	HUNGARY Bachmann Romania S.R.L. Alexandru Tutuianu – Office Romania Telephone +40 269 806 730 Email alexandru.tutuianu@bachmann.ro Web www.bachmann.com Burisch Villanyszerelési Rendszerek Kereskedelmi kft. Schweidel u. 2 1047 Budapest Telephone +36 1 399 8020 Fax +36 1 369 5731 Email burischkft@burisch.hu Web www.burisch.net	

 **MACEDONIA**
 Bachmann GmbH
 Zlatko Zivkovic – Regional Manager
Telephone +381 69 57 75 017
Email zlatko.zivkovic@bachmann.com
Web www.bachmann.com

 **MALTA**
 Bachmann GmbH
 Zlatko Zivkovic – Regional Manager
Telephone +381 69 57 75 017
Email zlatko.zivkovic@bachmann.com
Web www.bachmann.com

 **MONTENEGRO**
 Bachmann GmbH
 Zlatko Zivkovic – Regional Manager
Telephone +381 69 57 75 017
Email zlatko.zivkovic@bachmann.com
Web www.bachmann.com

 **NETHERLANDS**
 Bachmann GmbH
 Jeroen Deurloo – Country Manager
Mobile +31 614 389 276
Email jeroen.deurloo@bachmann.com
Web www.bachmann.com

Office Cabling Systems BV
 Distributiestraat 51^F
 4283 JN Giessen
 Nederland
Telephone +31 183 309 425
Fax +31 183 309 424
Email info@ocsystems.nl
Web www.ocsystems.nl

 **NORWAY**
 Bachmann GmbH
 Andrea Abert – Head Office Germany
Telephone +49 711 86602-918
Fax +49 711 86602-34
Email andrea.abert@bachmann.com
Web www.bachmann.com

Ergoline AS
 Distribution OFFICE Solutions
 Oksenøyveien 80
 1366 Lysaker
Telephone +47 67 58 79 79
Email post@ergo-line.com
Web www.ergo-line.com

 **POLAND**
 Bachmann GmbH
 Rafal Nowakowski – Country Manager South Poland
Telephone +48 508 121 066
Email rafal.nowakowski@bachmann.com
Web www.bachmann.com

Robert Zabazny – Country Manager North Poland
Telephone +48 660 626 799
Email robert.zabazny@bachmann.com
Web www.bachmann.com

P.P.U.H EL-Team SP. Z O.O.
 Al.Młodych 26-28
 41-106 Siemianowice Sl
Telephone +48 32 204 36 28
Fax +48 32 220 00 05
Email el-team@el-team.com.pl
Web www.el-team.com.pl

 **PORTUGAL**
 Bachmann S.A.
 Edificio Trade Center
 Avda.Corts Catalanes 5-7, 1ª Planta
 08173 Sant Cugat del Valles – Barcelona
Telephone +34 93 50 41 253
Fax +34 93 50 41 273
Email info@bachmann.es
Web www.bachmann.com

DNL – Duarte Neves, L.DA
 Distribution to electrical wholesalers
 Qta dos Estrangeiros
 Rua D, 78
 2665-601 Venda do Pinheiro
Telephone +351 219 668 100
Email info@duarteneves.pt
Web www.duarteneves.pt

 **ROMANIA**
 Bachmann Romania S.R.L.
 Str. Stadionului 88
 551105 Medias
Telephone +40 269 806 730
Fax +40 269 846 730
Email info@bachmann.ro
Web www.bachmann.com

 **RUSSIA**
 Bachmann GmbH
 Margo Korgesaar – Country Manager
Telephone +372 51 78 489
Email margo.korgesaar@bachmann.com
Web www.bachmann.com

Norkpalm
 Pavel Poslanchik
 Ryabinovaya 61A
 121471 Moscow
Telephone +7 495 92 13 999
Email p.poslanchik@norkpalm.ru
Web www.norkpalm.ru

 **SERBIA**
 Bachmann GmbH
 Zlatko Zivkovic – Regional Manager
Telephone +381 69 57 75 017
Email zlatko.zivkovic@bachmann.com
Web www.bachmann.com

 **SLOVAKIA**
 Bachmann Romania S.R.L.
 Alexandru Tutuianu – Office Romania
Telephone +40 269 806 730
Email alexandru.tutuianu@bachmann.ro
Web www.bachmann.com

EST Elektro-System-Technik, S.R.O.
 Mnešická 11
 915 01 Nové Mesto nad Váhom
Telephone +421 327 740 810
Fax +421 327 740 821
Email info@est-slovensko.sk
Web www.est-slovensko.sk

 **SLOVENIA**
 Bachmann GmbH
 Zlatko Zivkovic – Regional Manager
Telephone +381 69 57 75 017
Email zlatko.zivkovic@bachmann.com
Web www.bachmann.com

 **SPAIN**
 Bachmann S.A.
 Edificio Trade Center
 Avda.Corts Catalanes 5-7, 1ª Planta
 08173 Sant Cugat del Valles – Barcelona
Telephone +34 93 50 41 253
Fax +34 93 50 41 273
Email info@bachmann.es
Web www.bachmann.com

 **SWEDEN**
 Bachmann GmbH
 Andrea Abert – Head Office Germany
Telephone +49 711 86602-918
Fax +49 711 86602-34
Email andrea.abert@bachmann.com
Web www.bachmann.com

Andersson System
 P. Andersson AB
 Västra Rydsvägen 134
 196 31 Kungsängen
Telephone +46 8 581 753 00
Mobile +46 70 438 20 65
Fax +46 8 581 753 01
Email info@p-andersson.se
Web www.p-andersson.se

 **SWITZERLAND**
 Bachmann GmbH
 Yasemin Nazligül – Head Office Germany
Telephone +49 711 86602-938
Fax +49 711 86602-34
Email yasemin.nazliguel@bachmann.com
Web www.bachmann.com

Max Hauri AG
 Weidstrasse 16
 9220 Bischofszell
Telephone +41 71 42 42 525
Fax +41 71 42 42 590
Email verkauf@maxhauri.ch
Web www.maxhauri.ch

Riedo Networks Ltd – IT Infrastructure
 Route de la Fonderie 6
 1700 Fribourg
Telephone +41 26 50 55 000
Email info@riedonetworks.com
Web www.riedonetworks.com

 **TURKEY**
 Bachmann GmbH
 Zlatko Zivkovic – Regional Manager
Telephone +381 69 57 75 017
Email zlatko.zivkovic@bachmann.com
Web www.bachmann.com

 **UK**
 Bachmann Electrical Engineering Ltd
 Chloe Stratton – Customer Services
 1 South Fens Enterprise Park
 Fenton Way, Chatteris, Cambridgeshire PE16 6WA
Telephone +44 135 469 225
Fax +44 135 469 1614
Email chloe.stratton@bachmann.com
Web www.bachmann.com

E1E10 Limited
 1 South Fens Enterprise Park
 Fenton Way, Chatteris, Cambridgeshire PE16 6WA
Telephone +44 1223 421 838
Fax +44 1223 420 844
Email sales@e1e10.com
Web www.e1e10.com

 **UKRAINE**
 Bachmann Romania S.R.L.
 Alexandru Tutuianu – Office Romania
Telephone +40 269 806 730
Email alexandru.tutuianu@bachmann.ro
Web www.bachmann.com

V.E.S. Group LTD
 Kharkovskoye shosse 201-203
 02121 Kiev
Telephone +380 44 36 40 004
Email bachmann@vesgroup.com.ua
Web vesgroup.com.ua

Index

#	
116.270	82
116.271	82
116.272	82
116.280	82
118.270	82
119.270	82
119.271	82
119.272	82
119.274	82
119.280	82
119.281	82
130.080	83
130.081	83
131.080	83
131.081	83
132.080	83
132.081	83
133.080	83
133.081	83
150.070	83
150.072	83
151.070	83
151.072	83
190.270	44
190.271	44
190.273	213
202.174	79
202.175	79
202.184	79
202.185	79
202.274	79
202.275	79
202.284	79
202.285	79
211.174	80
211.274	80
233.184	74
233.185	74
233.186	74
233.284	74
233.285	74
233.286	74
240.187	78
240.189	78
241.175	79

#	
241.275	79
244.875	78
244.876	78
246.174	79
246.175	79
246.176	79
246.185	79
246.186	79
246.375	79
246.376	79
248.174	79
248.175	79
248.176	79
248.185	79
248.186	79
249.875	78
249.876	78
251.173	82
251.183	82
294.082	220
300.000	23
300.001	23
300.002	23
300.003	23
300.004	23
300.005	23
300.006	23
300.007	23
300.008	23
300.011	23
300.012	23
300.030	23
300.049	23
300.050	23
301.174	77
301.175	77
301.274	77
301.275	77
301.974	77
302.174	78
302.274	78
304.174	77
304.175	77
304.176	77
304.184	77

#	
304.185	77
304.274	77
304.275	77
304.276	77
304.284	77
304.285	77
304.974	77
305.174	77
305.175	77
305.176	77
305.184	77
305.185	77
305.274	77
305.275	77
305.276	77
305.284	77
305.285	77
305.974	77
305.975	77
311.273	77
312.174	77
312.175	77
312.275	77
313.176	78
317.000	123
317.001	123
317.006	123
317.007	123
317.100	124
317.101	125
317.102	124
317.117	125
320.174	76
320.175	76
320.176	76
320.185	76
320.186	76
321.174	76
321.175	76
321.176	76
322.174	76
322.175	76
322.176	76
322.184	76
322.185	76

#	
322.186	76
323.185	76
323.186	76
327.875	76
327.876	76
328.875	76
328.876	76
329.3009	259
329.3010	259
329.3012	259
329.3013	259
329.3032	259
329.3033	259
329.3036	259
329.3037	259
329.3056	259
329.3057	259
329.3058	259
329.3059	259
329.3060	257
329.3061	257
329.3062	257
329.3063	257
329.3102	270
329.3104	270
329.3111	256
329.3143	256
329.3144	256
329.3145	256
329.3146	256
329.3147	256
329.3148	256
329.3149	256
329.3150	256
329.3151	256
329.3152	256
329.3153	256
329.3154	256
329.3155	256
329.3156	256
329.3157	256
329.3158	256
329.3200	257
330.070	21
330.071	21
330.072	21
330.073	21
330.100	25
330.100F	25
330.101	25

#	
330.101F	25
330.102	25
330.103	25
330.104	25
330.104F	25
330.105	25
330.106	25
330.106F	25
330.107	25
330.140	25
330.142	25
330.153	25
330.300	25
331.000	21
331.006	21
331.007	21
331.010	21
331.011	21
331.012	21
331.013	21
331.014	21
331.0202	268
331.032	21
331.035	21
331.040	21
331.055	21
331.071	21
331.072	21
331.074	21
331.089	21
331.154	21
332.071	21
333.000	268
333.001	268
333.004	268
333.005	268
333.0122	266
333.0500	117
333.071	21
333.1007	117
333.1008	117
333.400	263
333.401	263
333.402	263
333.403	263
333.404	263
333.405	263
333.406	263
333.4061	264
333.4063	264

#	
333.4065	264
333.4066	264
333.407	268
333.408	263
333.410	263
333.411	263
333.412	263
333.413	264
333.416	263
333.417	265
333.418	264
333.419	264
333.505	263
333.506	263
333.534	263
333.535	263
333.536	263
333.537	263
333.538	263
333.539	263
333.540	263
333.600	269
333.601	269
333.604	269
333.605	269
333.616	263
333.804	264
333.805	264
333.815	263
333.819	264
333.830	263
333.838	264
333.840	264
336.003	29
336.004	29
336.006	28
336.014	29
336.015	29
336.039	28
336.046	28
336.065	29
336.067	28
336.072	28
336.079	28
336.088	28
336.600	27
336.601	27
336.603	27
336.604	27
336.606	27

#	
336.626	27
338.0080	115
338.0081	115
338.0200	103
338.0201	103
338.0203	109
338.0204	109
338.0205	109
338.0206	109
338.0210	103
338.0212	103
338.0219	103
338.0221	103
338.0230	103
338.0231	103
339.1000	158
339.1001	158
339.1002	158
339.1004	158
339.1005	158
339.1006	158
339.1018	157
339.1020	157
339.110	157
341.184	73
341.185	73
341.186	73
341.189	73
341.200S	73
341.201S	73
341.202S	73
341.203S	73
341.217	273
341.219	273
341.281	73
341.284	73
341.285	73
341.286	73
341.287	73
341.288	73
341.289	73
341.870	73
341.879	73
341.880	56
343.170	72
343.171	72
343.172	72
343.173	72
343.174	72
343.175	72

#	
343.176	72
343.177	72
343.179	72
343.191	72
343.192	72
343.370	73
343.371	73
343.372	73
343.373	73
344.170	71
344.171	71
344.172	71
344.174	71
344.175	71
346.170	71
346.171	71
346.172	71
347.170	71
347.171	71
347.172	71
348.171	71
348.172	71
349.006	57
349.007	57
349.008	47
349.009	47
349.010	47
349.011	47
349.012	57
349.013	57
349.017	58
349.018	58
349.020	47
349.027	57
349.028	57
349.029	57
349.033	57
349.035	57
349.044	37
349.045	37
349.046	37
349.183	57
349.184	37
349.185	37
349.203	62
349.300	45
349.301	45
349.302	45
349.303	45
349.304	45

#	
349.310	45
349.311	45
351.174	80
351.184	80
351.974	80
351.984	80
352.174	81
352.175	81
353.175	80
353.185	80
353.975	80
353.985	80
354.127	80
356.119	74
356.120	74
356.127	74
356.169	74
356.171	74
356.172	80
356.1721	80
356.1722	80
356.1723	80
356.1731	74
356.1732	74
356.1733	74
356.174	74
356.175	74
356.183	74
356.1971	81
356.1972	81
356.1973	81
356.1974	81
356.1975	81
356.900	74
356.901	74
356.902	74
356.903	74
356.904	74
356.905	80
356.906	80
356.907	80
356.908	80
356.909	80
356.910	74
356.911	74
356.918	74
356.935	74
356.936	74
356.937	81
356.938	81

#	
356.939	81
356.940	81
356.941	81
356.974	74
356.975	74
361.174	81
361.184	81
372.174	81
372.184	81
373.174	81
375.000	68
375.003	68
375.005	68
375.007	68
375.016	68
375.017	68
375.018	68
375.038	69
375.039	68
375.040	69
375.044	68
375.045	68
375.046	68
375.050	69
375.053	69
375.055	69
375.064	69
375.068	68
375.069	68
375.070	68
375.071	69
375.072	69
375.073	69
375.075	68
375.076	69
375.079	69
375.080	69
375.081	69
375.082	69
375.083	69
375.102	70
375.106	70
375.107	70
375.115	68
375.116	68
375.117	68
375.123	70
375.127	69
375.128	69
375.129	69

#	
375.500	70
375.501	69
375.502	29
375.503	70
375.504	67
375.505	67
375.506	67
375.507	67
375.514	67
375.515	70
375.516	70
375.517	67
375.518	69
375.529	29
375.542	70
381.109	37
381.121K	31
381.130K	31
381.141S	33
381.144S	33
381.147K	31
381.148K	31
381.149K	31
381.150K	31
381.151K	31
381.152K	31
381.221K	31
381.223K	31
381.230K	31
381.241S	33
381.244S	33
381.246K	31
381.247K	31
381.248K	31
381.249K	31
381.2501K	31
381.2507K	31
381.250K	31
381.2512K	31
381.251K	31
381.252K	31
381.450K	31
381.800	30
381.801	30
382.204	44
382.205	44
384.272S	33
385.170	31
385.270	31
387.170	31

#	
387.171	31
387.172	31
387.270	31
387.270S	33
387.271	31
387.271S	33
387.272	31
387.274S	33
387.275S	33
388.170	31
388.171	31
388.172	31
388.270	31
388.271	31
388.272	31
388.371	31
388.471	31
392.180	40
392.181	40
392.182	40
392.183	40
392.187	41
393.002	41
393.006	41
394.175	36
394.179	89
394.180	36
394.182	36
394.183	207
394.184	207
394.187	207
394.188	207
394.190	207
394.191	207
395.180	40
395.181	40
396.181	40
396.182	40
396.183	40
396.184	39
396.187	40
397.003	39
398.180	40
398.181	40
398.182	40
398.183	40
398.186	40
398.200	38
399.000	38
399.003	38

#	
399.004	38
399.005	38
399.006	38
399.007	38
399.009	38
399.010	38
399.012	38
399.180	39
399.181	39
399.182	39
399.185	39
399.186	39
399.189	39
420.0012	19
420.0013	19
420.0014	19
420.0017	19
420.0018	19
420.0019	19
420.0021	19
420.0022	19
420.0068	19
420.0069	19
624.871	85
641.1701	212
641.1711	212
641.2701	212
641.2711	212
654.180	88
654.181	88
654.182	88
654.280	88
654.281	88
654.282	88
654.283	88
654.284	88
663.170	85
663.171	85
663.270	85
663.271	85
665.870	85
665.871	85
672.180	85
672.181	85
672.280	85
672.281	85
681.880	87
681.881	87
681.882	87
682.880	87

#	
682.881	87
682.882	87
683.880	87
683.881	87
683.882	87
684.880	87
684.881	87
684.882	87
685.880	87
685.881	87
685.882	87
692.180	87
692.181	87
692.182	87
692.280	87
692.281	87
692.282	87
693.180	86
693.181	86
693.182	86
693.280	86
693.281	86
693.282	86
693.283	88
720.000	212
720.006	207
720.013	209
720.025	210
720.026	210
720.029	210
720.030	210
720.031	210
720.035	209
720.036	209
720.037	209
722.009	209
730.004	209
730.005	213
730.008	213
740.000	211
740.001	211
740.002	211
740.003	211
740.004	211
740.005	211
740.006	211
740.010	211
740.011	211
740.012	211
740.015	211

#	
740.017	211
800.0050	270
800.0051	270
800.0052	270
800.0053	271
800.0100	267
800.0100	270
800.0101	267
800.0102	267
800.0104	267
800.0105	267
800.0107	267
800.0109	267
800.0111	267
800.0113	267
800.0114	267
800.0119	267
800.0120	269
800.1258	264
800.1259	264
800.1260	264
800.1261	264
800.1262	264
800.1263	264
800.1264	264
800.1265	264
800.1453	267
800.1656	267
800.1657	267
800.2054	261
800.2055	261
800.2063	261
800.2067	261
800.2068	261
800.2135	261
800.2154	261
800.2282	267
800.2283	267
800.2284	263
800.2331	263
800.2332	263
800.2333	263
800.2334	267
800.2335	267
800.2336	267
800.2337	267
800.2338	267
800.2339	267
800.2340	267
800.2341	267

#	
800.2342	267
800.2395	261
800.2396	261
800.2398	261
800.2399	261
800.2400	261
800.2401	261
800.2402	261
800.2403	261
800.2404	261
800.2405	261
800.2406	261
800.2407	261
800.2408	261
800.2409	261
800.2410	261
800.2522	272
800.2621	270
800.2622	271
800.2623	263
802.0001	271
802.0002	271
802.0003	271
802.0005	271
802.0010	270
802.0101	270
802.0102	270
802.3004	246
802.3004-S	246
802.3005	246
802.3005-S	246
802.3006	246
802.3007	246
802.3010	246
802.3011	246
802.3012	246
802.3012-S	246
802.3013	246
802.3013-S	246
802.3014	246
802.3015	246
802.3016	246
802.3018	246
802.3018-S	246
802.3019	246
802.3019-S	246
802.3020	246
802.3022	252
802.3023	252
802.3024	252

#	
802.3024-S	252
802.3025	252
802.3025-S	252
802.3030	252
802.3030-S	252
802.3031	252
802.3031-S	252
802.3032	252
802.3039	253
802.3041	246
802.3042	246
802.3055	252
802.3055-S	252
802.3065	253
802.3067	247
802.3068	247
802.3069	247
802.3070	247
802.3071	253
802.3072	253
802.3500	245
802.3500-S	245
802.3501	245
802.3501-S	245
802.3502	245
802.3503	245
802.3506	245
802.3507	245
802.3508	245
802.3508-S	245
802.3509	245
802.3509-S	245
802.3510	245
802.3511	245
802.3514	245
802.3514-S	245
802.3519	245
802.3520	245
802.3522	251
802.3522-S	251
802.3525	251
802.3526	251
802.3527	251
802.5002	244
802.5003	244
802.5004	244
802.5005	244
802.7000	243
802.7000-S	243
802.7001	243

#	
802.7001-S	243
802.7002	243
802.7003	243
802.7006	243
802.7007	243
802.7008	243
802.7008-S	243
802.7009	243
802.7009-S	243
802.7010	243
802.7011	243
802.7014	243
802.7014-S	243
802.7021	243
802.7022	243
802.7024	251
802.7025	251
802.7026	251
802.7027	251
802.7500	242
802.7500-S	242
802.7501	242
802.7501-S	242
802.7502	242
802.7503	242
802.7506	242
802.7507	242
802.7508	242
802.7508-S	242
802.7509	242
802.7509-S	242
802.7510	242
802.7511	242
802.7514	242
802.7514-S	242
802.7521	250
802.7523	242
802.7524	242
802.7530	250
802.7531	250
802.7532	250
832.0001	273
832.0002	273
832.0100	273
832.0101	273
852.101	52
852.103	52
852.104	52
852.107	52
852.9821	53

#	
900.002	62
900.003	62
900.004	62
900.005	62
900.010	62
900.011	62
900.012	62
900.013	62
900.1077	54
900.180	41
900.181	41
900.187	41
900.400	119
900.401	119
900.402	119
900.403	119
900.405	119
900.406	119
900.407	119
900.408	119
900.409	119
900.410	119
902.000	157
902.001	157
902.002	157
902.003	157
902.004	157
902.0048	157
902.0049	157
902.005	157
902.0050	157
902.006	157
902.007	157
902.008	157
902.0089	157
902.009	157
902.0096	158
902.010	157
902.0142	158
902.0161	157
902.0168	158
902.017	157
902.0179	157
902.0182	157
902.0183	157
902.0184	157
902.0185	157
902.0192	157
902.0218	158
902.0219	158

#	
902.0220	158
902.0221	158
902.0222	158
902.0234	158
902.024	157
902.0243	158
902.0245	158
902.0250	158
902.026	158
902.0260	158
902.0261	157
902.0382	157
902.054	158
902.0562	157
902.0578	157
902.068	157
902.0914	157
902.1017	157
902.1076	157
902.1309	157
902.1313	157
902.1432	158
902.166	157
902.1804	157
902.1992	157
902.200	151
902.201	151
902.202	151
902.203	151
902.204	151
902.2048	151
902.205	151
902.206	151
902.207	151
902.208	151
902.209	151
902.211	151
902.213	151
902.214	151
902.220	151
902.228	151
902.229	151
902.230	151
902.231	151
902.232	151
902.272	151
902.300	151
902.301	151
902.302	151
902.3641	151

#	
902.380	151
902.400	152
902.401	152
902.402	152
902.403	152
902.404	152
902.4048	152
902.405	152
902.406	152
902.407	152
902.408	152
902.409	152
902.411	152
902.428	152
902.429	152
902.430	152
902.431	152
902.432	152
902.448	152
902.500	152
902.501	152
902.502	152
902.5711	152
902.5712	152
902.600	153
902.602	153
902.603	153
902.611	153
902.613	153
902.705	153
902.706	153
902.725	153
902.726	153
902.727	153
903.003	35
903.107	201
903.108	201
903.109	201
903.110	201
903.201	196
903.203	196
903.204	185
903.205	185
903.206	185
903.211	196
903.212	196
904.000	146
904.0001	146
904.001	146
904.002	146

#	
904.003	146
904.004	146
904.005	146
904.006	146
904.007	146
904.008	147
904.009	147
904.010	147
904.0100	146
904.011	147
904.012	147
904.020	146
904.021	146
904.022	146
904.023	146
904.024	146
904.025	146
904.026	146
904.027	146
904.045	146
904.052	147
904.100	89
904.900	147
906.000	28
906.001	28
906.002	28
906.0028	28
906.003	28
906.005	28
906.0055	27
906.0059	27
906.0060	27
906.009	28
906.0113	28
906.014	28
906.024	28
906.031	28
906.067	29
906.0703	28
906.0704	28
906.071	28
906.080	28
906.093	28
906.1075	28
906.1086	28
906.1109	28
906.1244	28
906.1306	27
906.150	28
909.000	107

#	
909.001	106
909.002	107
909.0023	107
909.0024	107
909.0026	106
909.0027	106
909.0028	106
909.0029	106
909.003	107
909.004	107
909.005	106
909.0056	107
909.0057	106
909.0058	106
909.0059	107
909.006	106
909.0060	106
909.007	106
909.008	106
909.0080	106
909.009	106
909.010	107
909.0105	106
909.011	107
909.012	106
909.013	106
909.014	106
909.015	106
909.016	106
909.017	107
909.0170	107
909.0172	106
909.0180	107
909.0191	106
909.020	106
909.025	107
909.028	107
909.029	107
909.033	106
909.058	107
910.002	57
910.100	61
910.1011	207
910.105	41
910.106	41
910.170	61
910.174	63
910.175	63
910.176	63
910.177	63

#	
910.178	63
910.179	63
910.182	63
910.200	61
910.270	61
910.275	63
910.276	63
910.277	63
910.282	63
910.470	61
910.971	61
911.000	109
911.001	109
911.002	109
911.003	109
911.004	109
911.005	109
911.025	111
911.026	111
911.028	111
911.029	111
911.170	61
911.171	61
911.172	61
911.270	61
911.271	61
911.272	61
911.273	61
911.470	61
911.500	115
911.501	115
911.502	115
911.503	115
911.900	112
911.901	112
911.903	112
911.904	112
911.905	112
911.906	112
911.907	112
911.908	112
911.909	112
911.9100	109
911.9130	109
912.000	117
912.000	168
912.001	116
912.001	168
912.002	117
912.003	117

#	
912.004	116
912.005	116
912.0055	117
912.0056	116
912.006	116
912.007	116
912.0071	117
912.008	116
912.0080	117
912.009	117
912.010	117
912.011	116
912.012	116
912.013	116
912.014	116
912.015	117
912.0156	117
912.016	117
912.0167	117
912.0168	116
912.017	116
912.0171	117
912.0172	116
912.018	116
912.019	116
912.021	116
912.022	116
912.0221	116
912.023	117
912.024	116
912.0242	116
912.025	116
912.0280	116
912.035	116
912.037	117
912.0400	117
912.045	117
912.080	116
912.0931	116
912.170	62
912.173	63
912.174	63
912.1781	117
912.270	62
912.273	63
912.274	63
912.470	62
912.971	62
913.169	63
913.170	60

#	
913.171	61
913.173	60
913.174	61
913.175	60
914.670	54
914.672	54
915.000	123
915.001	123
915.003	123
915.004	123
915.005	123
915.006	123
915.022	121
915.170	64
915.171	64
915.172	64
915.173	64
915.174	64
915.175	64
915.270	64
915.271	64
915.500	121
915.501	121
915.502	121
915.503	121
915.504	121
915.970	64
915.971	64
915.973	64
916.000	124
916.001	124
916.002	124
916.003	124
916.0039	124
916.004	124
916.0040	124
916.0041	124
916.0042	124
916.005	124
916.006	124
916.007	124
916.010	124
916.020	125
916.021	125
916.023	124
916.024	124
916.025	124
916.0270	124
916.030	124
916.0361	124

#	
916.0411	124
916.047	124
916.048	124
916.0510	124
916.0514	124
916.0516	124
916.0519	124
916.0520	124
916.059	125
916.060	125
916.0601	125
916.061	125
916.0611	125
916.062	125
916.0621	124
916.0628	124
916.063	125
916.082	124
916.0821	124
916.086	124
916.091	124
916.100	124
916.1000	124
916.111	125
916.1110	124
916.112	125
916.1129	124
916.1192	125
916.1193	125
916.1227	124
916.1229	124
916.123	124
916.170	65
916.173	124
916.970	65
917.000	177
917.001	177
917.003	177
917.005	177
917.006	177
917.007	177
917.008	177
917.009	195
917.010	195
917.011	181
917.012	188
917.018	186
917.019	186
917.021	182
917.022	184

#	
917.023	184
917.024	184
917.026	182
917.027	183
917.028	183
917.029	105
917.029	112
917.029	115
917.029	123
917.030	183
917.031	188
917.032	188
917.033	188
917.035	183
917.036	184
917.037	186
917.038	177
917.039	177
917.040	195
917.041	195
917.045	181
917.046	187
917.047	187
917.056	187
917.057	195
917.058	181
917.059	186
917.060	187
917.061	177
917.062	177
917.064	192
917.065	192
917.066	192
917.067	192
917.068	192
917.069	181
917.070	181
917.071	181
917.072	181
917.073	181
917.075	188
917.076	188
917.078	182
917.082	188
917.083	183
917.085	182
917.088	183
917.089	184
917.090	183
917.091	184

#	
917.094	185
917.095	185
917.096	184
917.099	184
917.100	185
917.101	184
917.102	185
917.110	185
917.111	195
917.112	186
917.113	186
917.114	185
917.116	188
917.117	183
917.120	176
917.1203	199
917.1205	199
917.122	186
917.134	181
917.135	187
917.139	192
917.140	192
917.141	186
917.143	182
917.145	182
917.146	182
917.150	181
917.152	187
917.153	177
917.157	175
917.158	177
917.159	177
917.161	182
917.163	184
917.164	184
917.165	184
917.166	195
917.167	195
917.168	192
917.169	192
917.170	64
917.171	64
917.172	64
917.173	64
917.177	199
917.182	186
917.183	182
917.189	182
917.193	187
917.195	187

#	
917.198	187
917.214	175
917.224	186
917.226	181
917.400	176
917.401	176
918.001	159
918.002	112
918.003	198
918.006	198
918.007	198
918.008	198
918.009	201
918.010	202
918.011	202
918.012	202
918.015	203
918.016	204
918.017	201
918.018	201
918.019	200
918.0191	200
918.0192	200
918.0193	200
918.020	200
918.0201	200
918.025	29
918.032	175
918.033	175
918.033	198
918.034	175
918.034	198
918.035	175
918.041	175
918.045	176
918.066	201
918.067	201
918.068	201
918.069	201
918.071	176
918.072	176
918.073	176
918.0752	115
918.0753	115
918.0754	115
918.081	199
918.082	199
918.083	199
918.0951	200
918.0952	200

#	
918.0953	200
918.106	155
918.107	155
918.110	155
918.111	155
918.122	155
918.123	29
918.124	155
918.170	65
918.171	65
918.176	199
918.178	199
918.900	131
918.900	134
918.900	139
918.900	142
918.900	147
918.900	149
919.014	55
919.015	55
919.016	55
919.018	55
919.021	50
919.022	50
919.023	50
919.024	50
919.025	50
919.027	50
919.1000	169
919.1100	169
919.1101	169
919.169	63
919.171	60
919.176	61
919.177	60
919.178	60
919.179	60
919.183	56
919.189	56
919.190	56
919.2000	168
919.2001	168
919.2002	168
919.2003	168
919.2004	168
919.2005	168
919.273	32
919.284	56
919.371	89
921.000	54

#	
921.003	54
921.004	54
921.005	54
921.010	54
921.011	54
921.012	54
921.271	53
922.0071	35
922.0111	35
922.0181	35
922.0231	35
922.082	35
922.083	35
922.096	35
922.097	35
923.000	42
923.001	42
923.002	42
923.006	161
923.007	161
923.008	161
923.010	161
923.011	161
923.012	161
924.001	230
924.004	230
924.005	230
924.009	230
924.010	230
924.011	230
924.012	230
924.0161	218
924.0163	219
924.0164	219
924.0165	219
924.0166	218
924.0167	218
924.023	221
924.024	221
924.025	221
924.026	221
924.027	221
924.028	221
924.029	221
924.031	221
924.032	222
924.033	222
924.034	222
924.036	221
924.037	221

#	
924.038	221
924.039	221
924.043	222
924.044	222
924.045	222
924.046	222
924.047	222
924.048	222
924.049	222
924.050	222
924.051	222
924.052	222
924.053	222
924.054	223
924.055	223
924.056	223
924.057	223
924.058	223
924.059	223
924.060	223
924.061	223
924.062	223
924.063	223
924.064	223
924.065	223
924.066	223
924.067	223
924.068	223
924.069	223
924.071	225
924.072	225
924.073	225
924.074	225
924.075	220
924.076	220
924.077	220
924.078	220
924.079	220
924.080	220
924.081	220
924.082	220
924.083	218
924.090	227
924.091	227
924.092	227
924.094	227
924.095	227
924.096	227
924.097	227
924.098	227

#	
924.099	227
924.101	230
924.1016	163
924.1018	165
924.103	225
924.1038	165
924.1041	164
924.1046	165
924.109	227
924.110	228
924.111	227
924.112	227
924.113	227
924.114	227
924.115	227
924.116	227
924.118	227
924.120	227
924.127	227
924.128	227
924.129	228
924.131	228
924.132	228
924.133	228
924.134	228
924.136	228
924.137	226
924.1370	226
924.1371	229
924.1372	229
924.138	226
924.140	225
924.141	225
924.142	226
924.143	226
924.144	226
924.145	226
924.146	225
924.149	226
924.151	224
924.152	224
924.153	224
924.154	224
924.155	224
924.156	224
924.157	224
924.158	224
924.159	224
924.160	226
924.161	226

#	
924.162	226
924.163	226
924.164	231
924.167	213
924.168	213
924.171	214
924.172	230
924.1740	53
924.181	228
924.182	228
924.183	228
924.184	229
924.185	229
924.186	229
924.187	229
924.188	229
924.193	213
924.201	230
924.203	225
924.224	214
924.225	214
924.250	214
924.259	221
924.260	221
924.261	222
924.264	223
924.265	220
924.266	220
924.267	220
924.327	223
924.329	232
924.330	233
924.332	214
924.334	214
924.336	220
924.338	219
924.340	219
924.342	219
924.343	219
924.344	219
924.349	36
924.3491	36
924.350	214
924.351	89
924.352	214
924.353	219
924.354	218
924.355	214
924.4000	164
924.4001	164

#	
924.4002	164
924.4003	164
924.4004	164
924.4009	164
924.5002	165
924.5003	165
924.6000	165
925.0022	105
925.0023	105
925.0034	105
925.0044	105
925.0047	105
925.0049	105
925.100	105
925.101	105
925.500	105
925.501	105
925.800	105
925.801	105
926.000	137
926.001	137
926.002	137
926.003	137
926.004	137
926.005	137
926.007	137
926.010	137
926.100	138
926.101	138
926.102	138
926.200	138
926.206	138
926.900	131
926.900	139
927.000	128
927.001	128
927.002	128
927.003	128
927.004	128
927.005	128
927.006	128
927.007	128
927.008	128
927.009	128
927.010	128
927.011	128
927.012	128
927.013	128
927.015	128
927.050	128

#	
927.051	128
927.052	128
927.053	128
927.054	128
927.055	128
927.057	128
927.058	128
927.059	128
927.060	128
927.061	128
927.062	128
927.064	128
927.100	127
927.101	127
927.102	127
927.103	127
927.200	129
927.201	129
927.203	129
927.204	129
927.206	129
927.207	129
927.209	129
927.210	129
927.251	129
927.254	129
927.257	129
927.260	129
927.300	127
927.301	127
927.302	127
927.400	129
927.402	129
927.404	129
927.406	129
927.410	129
927.500	127
927.501	127
927.502	127
928.002	141
928.003	141
928.004	141
928.005	141
928.006	141
928.007	141
928.008	141
928.009	141
928.010	141
928.017	141
928.020	141

#	
928.021	141
928.024	141
928.026	141
928.035	141
928.039	141
928.063	141
928.900	142
928.900	149
928.902	143
929.000	131
929.002	131
929.004	131
929.010	131
929.012	131
929.030	131
929.032	131
929.034	131
929.100	131
929.101	131
929.102	131
930.016	91
930.017	91
930.018	91
930.019	91
930.020	91
930.021	91
930.022	91
930.023	91
930.024	92
930.025	92
930.026	92
930.027	92
930.028	92
930.029	92
930.030	91
930.031	91
930.032	91
930.033	91
930.034	93
930.035	93
930.036	93
930.044	93
930.045	93
930.049	91
930.050	91
930.054	93
930.057	93
930.058	91
930.059	91
930.060	95

#	
930.061	95
930.062	95
930.063	95
930.064	95
930.065	95
930.090	92
930.091	92
930.092	92
930.094	93
930.096	93
930.097	93
930.098	92
930.099	92
930.100	92
930.120	155
930.120	159
930.137	92
930.138	93
930.139	93
930.143	195
930.164	93
930.165	93
930.166	92
930.180	159
930.182	159
930.183	159
930.300	97
930.301	97
930.302	97
930.303	97
930.310	97
930.320	97
930.330	97
930.900	94
930.901	94
930.902	94
930.903	94
930.904	94
930.905	94
930.906	94
930.907	94
930.908	94
930.909	94
930.910	94
930.911	94
931.000	133
931.001	133
931.002	133
931.003	133
931.008	133

#	
931.009	133
931.016	133
931.021	133
931.030	133
931.031	133
931.032	133
931.033	133
931.034	133
931.130	133
931.131	133
931.132	133
931.133	133
931.134	133
931.150	133
931.152	133
931.231	133
931.232	133
931.233	133
931.234	133
931.250	133
931.252	133
931.280	133
931.900	134
933.001	59
933.002	59
933.003	80
933.004	80
933.005	74
933.006	74
933.007	32
933.008	59
933.009	59
933.010	74
933.011	74
933.012	74
933.013	74
933.014	32
933.015	32
934.000	149
935.000	101
935.100	101
936.001	101
936.002	101
936.003	101
936.004	101
936.005	101
936.006	101
936.007	101
936.008	101
936.009	101

#	
936.010	101
936.011	101
936.012	101
936.013	101
936.014	101
936.015	101
937.001	154
937.002	154
937.003	154
937.004	154
937.102	154
937.103	154
937.104	154
937.105	154
938.001	135
938.101	135
940.024	29
940.040	198
940.041	198
940.044	175
940.047	201
940.048	201
940.049	203
940.052	198
940.053	198
940.070	67
940.071	67
940.073	67
940.074	67
940.083	175
940.085	175
940.089	198
940.096	29
940.096	271
940.097	29
940.099	107
940.103	270
940.104	205
940.105	206
940.108	29
940.112	175
940.140	271
940.141	271
940.142	271
940.143	271
940.166	270
940.167	270
940.191	270
940.192	270
940.193	270

#	
940.194	270
950.000	213
950.002	213
950.003	213
950.004	213
960.101	61
960.102	61
960.103	62
960.201	61
960.202	61
960.203	62
960.301	61
960.302	61
960.303	62

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 (10A)



Rewirable



UK socket (3.15A)

19"

Compatible with 19" racks



European socket



Custom Module



Italy / socket outlet with earthing contact



Keystone



Italy socket (10A)



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.



Bachmann GmbH
Ernstthaldenstr. 33
70565 Stuttgart | Germany



+49 711 86602-0



+49 711 86602-34



info@bachmann.com



www.bachmann.com