ENGLISH / 2015/16

IT POWER SOLUTIONS

FACILITY SOLUTIONS

INDUSTRIAL SOLUTIONS

INSTALLATION

KITCHEN SOLUTIONS

COMPLETE CATALOGUE 2015 / 2016

Innovative products for the professional user

It's electric.

BACHMANN

Bachmann International.
Build on the best connections.

Bachmann makes connections. So power and data are available right where you need them. For industrial, commercial and home applications, in offices and training rooms, on desks and on conference tables. Bachmann Facility and IT systems are flexible enough that you can modify them at any time to suit future power or data management needs. And with Bachmann's up-to-the-minute range of electrical materials, you can be sure of satisfying even your customers' more unusual electrical and electronics requirements.

One of Bachmann's primary objectives is to deliver innovative products to help our customers achieve long-term success. For this reason we exploit all the possibilities offered by professional engineering and modern process management to develop our standardised and customised systems and products.

Consider, for example, energy management optimisation and the efficient use of energy. Day after day our technical specialists help you access new ways of improving energy efficiency with the aid of intelligent new products. Discuss your projects with us if you would like to improve your connections. We will be there from the initial in-depth consultation, supply you with components and modules ready for installation and assist you in planning and developing your specific solutions. And we will use every opportunity to exceed your expectations of us and our systems.
We look forward to making the best connections for you - and with you.

Quality at all levels
Do not be satisfied until you have the optimum solution. A philosophy that applies at every level of our company and that is consistently demonstrated by all our employees.
The result: products to match the best on the world's markets, outside and inside.
This is also evident from our certification to DIN EN ISO 9001:2000.

World of opportunities 4

IT POWER SOLUTIONS.....8
Distribution systems offering efficient energy management for modern IT solutions. Everything from power for control cabinets to high-quality built-in electronic components.

FACILITY SOLUTIONS 80
Elegant, practical solutions for energy and data connections in office, training and conference rooms. Flexible, modular systems for all power supply and communications needs.

INDUSTRIAL SOLUTIONS.....208
Power strips for power and data, plus modules for compressed air, ESD and workstation illumination. Bachmann quality for modern manual workstations.

INSTALLATION.....228
Our extensive range of electrical and electronics products. Everything the technician needs, and always the state of the art - trusted components, high quality products.

KITCHEN SOLUTIONS 342
Power strips especially adapted for kitchens fit seamlessly into all kitchen furniture.

World of opportunities

Function modules can be integrated ex factory

Anti-theft bracket

This stainless steel look bracket is a permanent fixture and allows a Kensington lock to be attached. Anti-theft protection for mobile hardware such as laptops, desktop PCs, projectors, LCD screens, tablets, etc.

Overvoltage protection

These days the failure of electrical and electronic equipment is a real nightmare scenario. Protection against excess electric voltage is more important than ever for electrical and electronic equipment. "24/7 availability" is now essential for many users. Don't worry: the Bachmann strip with built-in overvoltage protection is 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.

Loudspeaker module

Make direct broadcasts - without making a lot of noise. A Bachmann loudspeaker module used for a presentation, video or phone conference allows you to make direct broadcasts. The overall volume of the indirect broadcast can therefore be reduced significantly. Our modules are available in 8 ohm and also 100 V technology.

USB hub 3.0

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

USB 3.0 keystone module

The USB keystone module supports USB 3.0 and allows data to be transferred at high speed. Three different socket/socket combinations are available for different configurations.

USB charger

The USB charger component has 2 ports with max. 2.15 A.
Integrated in Bachmann products, the ability to charge mobile devices using the universal USB charger is very convenient and the integrated mains adaptor frees up socket outlets too.

Residual current circuit breaker / miniature circuit breaker

The residual current circuit breaker / miniature circuit breaker integrated in a Bachmann strip gives you peace of mind. The user can select between the two circuit breakers. But they can of course be combined too.

Data switch

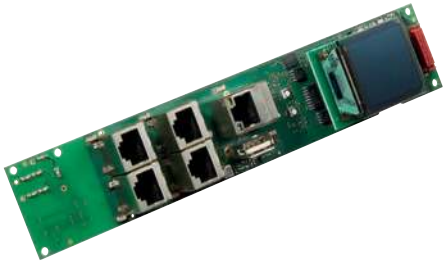
Small, compact and can be integrated in Bachmann power strips:
the high-speed network data switch provides PoE (Power over Ethernet) for selected devices.

RCM

RCM is the abbreviation for Residual Current Monitor.
The use of an RCM allows drops in the level of insulation (creepage / leakage currents) of a power supply to be detected during operation before a high residual current causes protective devices to trip.

Automatic switchoff

The automatic switchoff unit allows efficient savings in power consumption by modern-day office equipment during non-working hours. Switching equipment off completely is no longer left to chance: power saving now begins as soon as the workstation PC is shut down. The effectiveness of this system exceeds the savings possible with master-and-slave multiple-socket outlets, since virtually no standby current is drawn by the master device and total power consumption during on-working hours is zero.



BlueNet BN3000

BlueNet BN3000 has an optimised shape factor, PDUs that can be cascaded via Modbus and a rotatable OLED display. The data centre's mains supply is monitored and remotely controlled from the comfort of your desk with BlueNet Network products. BlueNet increases data centre availability, minimises down times and cuts costs. BlueNet monitors current, voltage and power. This allows resources to be planned efficiently and alarms to be issued in the event of faults.

BlueNet BN2000

BlueNet BN2000 has a space-saving shape factor and state-of-the-art means of monitoring the data centre infrastructure. As well as measuring the current, voltage and power, external sensors can also be used to monitor temperature and air humidity. The values are either queried via an Ethernet interface on every PDU or via the Ethernet interface of the Power Line Concentrator. This is turn queries up to 500 PDUs using Power Line Communication. Savings are made in terms of wiring costs and Ethernet infrastructure.

868 MHz radio modules

The radio modules allow socket outlets to be remotely switched by hand. Great attention is paid to the radio range, radio penetration and switching reliability. The flexibility and convenience of our radio 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).

WiFi module

The new BlueNet WiFi module provides three separate switching and measuring groups for extended power metering and temperature measuring, the switching of individual socket outlets and complete power strips. The management interface is integrated in the web server and is operated via the web browser in the network or with Dynamic DNS via the Internet.
The BlueNet WiFi app is available for mobile end devices. Switching can be performed both manually and automatically using load, temperature or time thresholds which can be set individually.

Bachmann products provide solutions that are as individual as life itself.

IT POWER SOLUTIONS

Passive PDUs

Basic PDU 19" 1 U 18

Basic PDU 19" > 1 U 22

Basic PDU 19" 2 U 24

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Intelligent PDUs

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BlueNet BN1000 38
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BlueNet BN2000 PLC 50
Power metering via local display, network and PowerLine

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BlueNet BN2000 Inline PLC 64
Power metering via local display, network and PowerLine

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Power metering via local display and network

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World of opportunities

Function modules can be integrated ex factory

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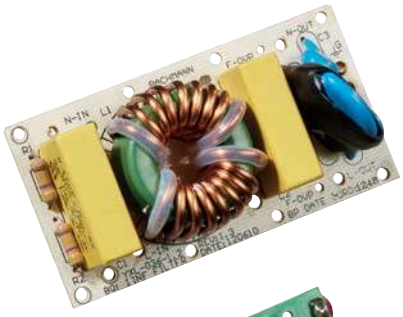

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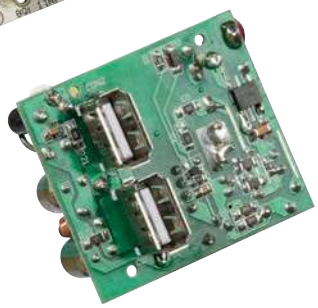

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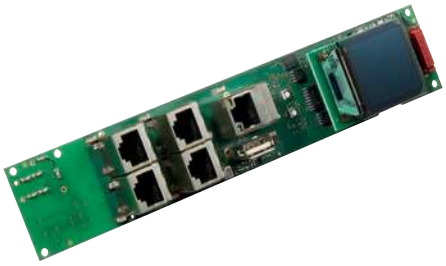

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You can also use the product configurator at bachmann.com

Bachmann products provide solutions that are as individual as life itself.

IT POWER SOLUTIONS

Bachmann IT POWER SOLUTIONS

Systematic power distribution

40 years of experience in developing, manufacturing and distributing power distribution solutions. True to this history, Bachmann is synonymous with high-quality and innovative electronics and high measurement accuracy, packaged in extremely robust aluminium housings.
We provide solutions in IT energy distribution. Our intelligent and modular product range provides great peace of mind. The PDU Basic power distribution unit and Bachmann's BlueNet products meet all key requirements for future-proofed, highly efficient energy distribution, especially for data centres.

Bachmann power distribution provides various solutions for this sector:

- New and intelligent energy distribution systems
- Upgrading of existing energy distribution systems
- Combination of existing PDUs and Bachmann IT POWER SOLUTIONS products.

For more information, please visit www.bachmann.com

Bachmann - quality that connects

Research & development

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

Sales

SUBSIDIARIES:

· Bachmann Romania S.R.L., Medias / Romania
· Bachmann Hong Kong Ltd., Hong Kong / China
· Bachmann SARL Tremblay / France
· Bachmann Electrical Engineering Ltd. Milton, Keynes / UK
· Bachmann S.A., Barcelona / Spain

REPRESENTATIONS:

Spain / Portugal / Switzerland / Belgium / Luxembourg / Netherlands / Italy / France / Sweden / Norway / Denmark
Finland / United Kingdom / Ireland / Austria / Hungary / Russia / Czech Republic / Poland / Asia / Romania

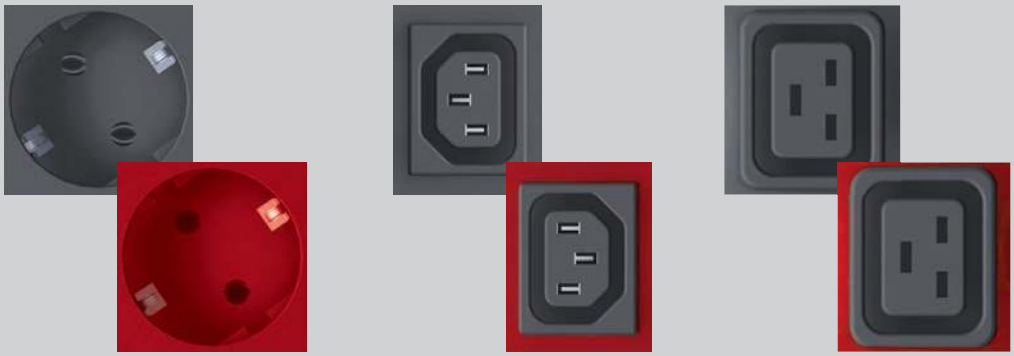
· Close partnership with electrical wholesalers
· Key account managers
· Customer-specific OEM solutions
· Individual project solutions

Production

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

IT POWER SOLUTIONS

Modular PDU inserts



In our IEC320 C13 power strips, the C14 plugs can be reliably locked with a PVC clip.

Bachmann IT POWER SOLUTIONS

For future-proofed, highly efficient energy distribution in

- the data centre
- Server rack
- Network rack

The benefits at a glance

- Customised solutions in series quality possible
- Country-specific designs possible
- Certified and tested technology
- Extremely compact design
- Very high power density

Integration of devices installed in series

RCD (residual current protection device)

RCD is the abbreviation for Residual Current Protective Device.

If an insulation error causes a dangerous contact voltage, RCDs have the job of interrupting all the poles on operating equipment within 0.2 or 0.4s.

RCM (residual current monitor)

RCM is the abbreviation for Residual Current Monitor.

The use of an RCM allows drops in the level of insulation (creepage / leakage currents) of a power supply to be detected during operation before a high residual current causes protective devices to trip.

The benefits at a glance

- Customised solutions in series quality possible
- Integration of up to 2 HP (36 mm) wide devices installed in series
- Selective, extremely compact fusing in the rack possible
- Use of RCD systems (residual current circuit breakers) possible
- Use of RCM systems (residual current monitoring) possible
- Integration of pulsed current meter possible

IT POWER SOLUTIONS

Bachmann IT Power Distribution
guarantees a safe connection

IEC320 C13 lockable

Two locking clips to secure two power cables.
IEC320 C13 with IEC lock can be supplied.

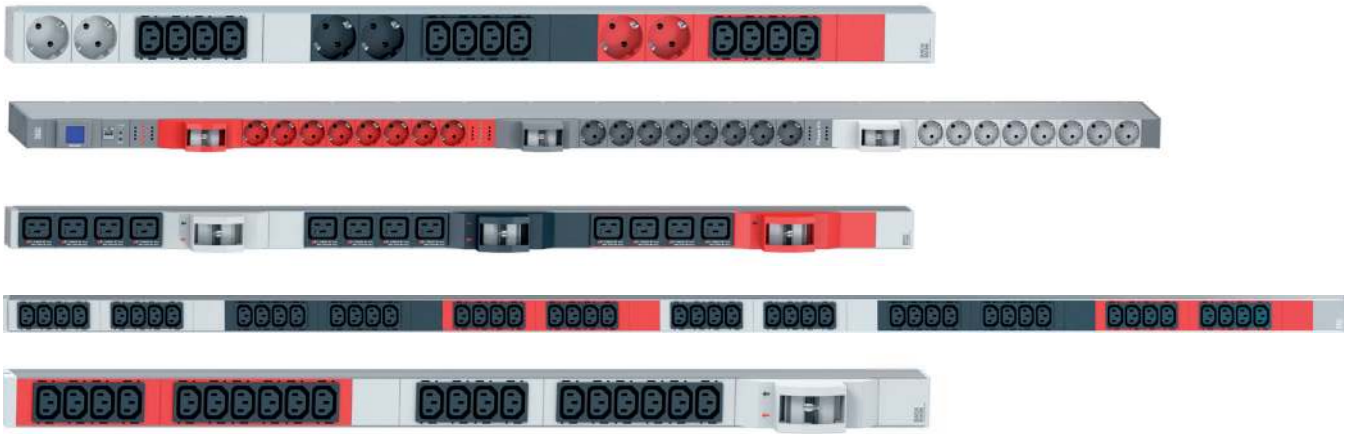
IEC320 C19 with IEC lock

The IEC lock system protects computers, as servers and electrical equipment can become accidentally disconnected due to vibrations.

The benefits at a glance

- Plugs locked using PVC clip or IEC lock.
- Costs cut through use of server connection cables supplied
- Maximum availability
- No unintentional disconnection of the power supply and therefore the best plug contacts

Bachmann IT Power Distribution
in high-quality aluminium housing



The benefits at a glance

- Space-saving integration of PDU in the server rack with scope for modular add-ons
- High-quality and very robust aluminium profile
- Extremely compact dimensions of 44 x 47 mm. This therefore provides plenty of space for
- data cabling and ventilation for cooling the server rack
- The IT PDUs can be linked together by a simple insertion mechanism, allowing various different plug versions to be combined with ease

IT PDU Basic 1 U

Power Distribution Units 230 V / 50 Hz

With its IT-PDU 1 U, Bachmann provides a huge choice of PDUs in a high-quality aluminium profile. With their extremely compact size of just 1 height unit, 44 mm in depth and 19" in width, the PDUs can be easily integrated in your IT rack.
Their multi-functional mounting brackets allow the units to be 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 rivetted or rewireable
- Earthing contact and IEC320 socket outlets
- Various country versions
- Illuminated 2-pole switch
- Interlocking of IEC320 plugs
- 3-way and 12-way variants (no 19" format)
- Overvoltage protection 6.5 KA
- Mains and frequency filters
- Protection with miniature fuse
- 30 mA residual current device
- Miniature circuit breaker
- Master + slave function
- Socket inserts set at 35°

19" IT PDU Basic (230 V / 50 Hz)

Art. no.	Version	Colour (plastic / profile)	
19" IT PDU Basic			
Without switch, 2.0 m H05VV-F 3G 1.50 mm², black, with right angle plug with earthing contact			
333.401	· 9 x socket outlet with earthing contact light grey	light grey / silver	
333.506	· 9 x socket outlet with earthing contact black	black / black	
333.539	· 9 x IEC320 non-heating appliance socket C13 black	light grey / silver	
333.616	· 12 x IEC320 non-heating appliance socket C13 black	black / black	V
Without switch, 2.0 m H05VV-F 3G 1.50 mm², black, with IEC320 C20 plug			
333.815	· 8 x IEC320 non-heating appliance socket C19 black	light grey / silver	
Without switch, without supply cable, rewireable with terminal block			
333.416	· 8 x socket outlet with earthing contact light grey	light grey / silver	
333.830	· 12 x IEC320 non-heating appliance socket C13 black	black / black	V
With switch, 2.0 m H05VV-F 3G 1.50 mm², black, with right angle plug with earthing contact			
333.400	· 8 x socket outlet with earthing contact light grey	light grey / silver	
333.505	· 8 x socket outlet with earthing contact black	black / black	

available from stock

19" IT PDU overvoltage protection (230 V / 50 Hz)

Art. no.	Version	Colour (plastic / profile)
19" IT PDU Basic with overvoltage protection		
Without switch, 2.0 m H05VV-F 3G 1.50 mm², black, with right angle plug with earthing contact		
333.404	· 8 x socket outlet with earthing contact grey	light grey / silver
333.534	· 8 x socket outlet with earthing contact black	black / black
With switch, 2.0 m H05VV-F 3G 1.50 mm², black, with right angle plug with earthing contact		
333.405	· 7 x socket outlet with earthing contact light grey	light grey / silver
333.535	· 7 x socket outlet with earthing contact black	black / black
19" IT PDU Basic with overvoltage protection + mains and frequency filters		
Without switch, 2.0 m H05VV-F 3G 1.50 mm², black, with right angle plug with earthing contact		
333.402	· 6 x socket outlet with earthing contact light grey	light grey / silver
333.536	· 6 x socket outlet with earthing contact black	black / black
With switch, 2.0 m H05VV-F 3G 1.50 mm², black, with right angle plug with earthing contact		
333.403	· 5 x socket outlet with earthing contact light grey	light grey / silver
333.537	· 5 x socket outlet with earthing contact black	black / black
19" IT PDU Basic mains and frequency filters		
Without switch, 2.0 m H05VV-F 3G 1.50 mm², black, with right angle plug with earthing contact		
333.406	· 7 x socket outlet with earthing contact light grey	light grey / silver

available from stock

19" IT PDU Protection (230 V / 50 Hz)

Art. no.	Version	Colour (plastic / profile)
19" IT PDU Basic with fusing		
10 A miniature fuse, 2.0 m H05VV-F 3G 1.50 mm², black, with IEC320 C14 plug		
333.410	· 8 x socket outlet with earthing contact red	light grey / silver
333.538	· 8 x socket outlet with earthing contact red	black / black
10 A miniature fuse, 2.0 m H05VV-F 3G 1.50 mm², black, with right angle plug with earthing contact		
333.408	· 8 x IEC320 non-heating appliance socket C13 black	light grey / silver
10 A miniature fuse, 2.0 m H05VV-F 3G 1.00 mm², black, with IEC320 C14 plug		
333.540	· 8 x IEC320 non-heating appliance socket C13 black	light grey / silver
1 x residual current device, tripping current 30 mA		
333.411	· 6 x socket outlet with earthing contact light grey	light grey / silver
1 x MCB 16 A type B		
333.412	· 6 x socket outlet with earthing contact light grey	light grey / silver

V Lockable socket outlets

IT PDU Basic (230 V / 50 Hz)

Art. no.	Version	Colour (plastic / profile)
IT PDU Basic		
Without switch, 2.0 m H05VV-F 3G 1.50 mm², black, with right angle plug with earthing contact		
333.413	· 12 x socket outlet with earthing contact light grey	light grey / silver

10" IT PDU Basic (230 V / 50 Hz)

Art. no.	Version	Colour (plastic / profile)
IT PDU Basic		
10 ", 2.0 m H05VV-F 3G 1.50 mm², black, with right angle plug with earthing contact		
333.417	· 3 x socket outlet with earthing contact light grey	light grey / silver
333.0122	· 4 x socket outlet with earthing contact light grey	light grey / silver

19" IT PDU master + slave (230 V / 50 Hz)

- Once master device is shut down/switched off, automatically isolates this and all slave devices from supply
- Automatically switches on master device and all slave devices once master device has been switched on
- Integral LED indicates switching status

Art. no.	Version	Colour (plastic / profile)
19" IT PDU master + slave		
2.0 m H05VV-F 3G 1.50 mm², black, with right angle plug with earthing contact		
333.407	· 1 + 4 socket outlets with earthing contact, light grey	light grey / silver

19" fuse box (32 A / 400 V / 50 Hz)

- Space-saving option of splitting a 32 A / 400 V infeed between two 16 A / 400 V infeeds
- 6 x 16 A miniature circuit breaker, characteristic C

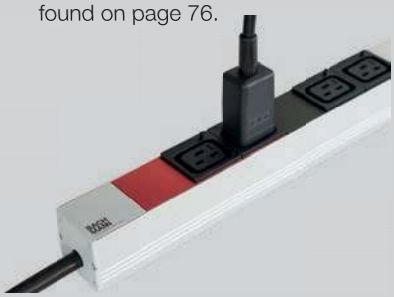
Art. no.	Version
19" IT PDU fuse box	
Input: 32 A / 400 V CEE plug outlet: 2 x 16 A / 400 V coupling	
800.0120	· 6 x 16 A miniature circuit breaker, characteristic C

V

IEC320 C13 lockable

Two locking clips to secure two power cables. Optimum interlocking only provided with Bachmann power cables.

Connecting cables and locking clips can be found on page 76.



IEC320 C19 with IEC lock

The IEC lock system protects computers, as servers and electrical equipment can become accidentally disconnected due to vibrations.

IT PDU Basic Switzerland

Art. no.	Version	Colour	Supply cable
19" IT PDU Basic Switzerland			
Without switch			
800.1259	8 x CH type 13 90°	black	2.0 m H05VV-F 3G 1.0mm², with CH plug type 12
800.1262	8 x CH type 23 90°	black	3.0 m H05VV-F 3G 1.5mm², with CH plug type 23
With switch			
800.1263	7 x CH type 13 90°	black	2.0 m H05VV-F 3G 1.0mm² with CH plug type 12
800.1264	7 x CH type 23 90°	black	3.0 m H05VV-F 3G 1.5mm² with CH plug type 23
19" IT PDU Basic overvoltage protection Switzerland			
Without switch			
800.1260	7 x CH type 13 90°	black	2.0 m H05VV-F 3G 1.0mm² with CH plug type 12
800.1258	7 x CH type 23 90°	black	3.0 m H05VV-F 3G 1.5mm² with CH plug type 23
19" IT PDU Basic overvoltage protection + mains and frequency filters Switzerland			
Without switch			
800.1261	5 x CH type 13 90°	black	2.0 m H05VV-F 3G 1.0mm² with CH plug type 12
800.1265	5 x CH type 23 90°	black	3.0 m H05VV-F 3G 1.5mm² with CH plug type 23

available on request

IT PDU Basic UK

Art. no.	Version	Colour
19" IT PDU Basic UK		
Without switch, 2.0 m, H05VV-F 3G 1.5 mm² with UK plug		
333.804	7 x UK 90° shuttered	grey
With switch, 2.0 m, H05VV-F 3G 1.5 mm² with UK plug		
333.805	6 x UK 90° shuttered	grey

available on request

IT PDU Basic France

Art. no.	Version	Colour
19" IT PDU Basic France		
Without switch, 2.0 m, H05VV-F 3G 1.5 mm², with right angle plug with earthing contact		
333.418	9 x UTE socket outlet	grey
Without switch, rewireable with terminal block		
333.819	8 x UTE socket outlet	grey
With switch		
333.419	8 x UTE socket outlet + switch	grey
19" IT PDU Basic overvoltage protection France		
Without switch, 2.0 m, H05VV-F 3G 1.5 mm², with right angle plug with earthing contact		
333.4061	8 x UTE socket outlet	grey
With switch, 2.0 m, H05VV-F 3G 1.5 mm², with right angle plug with earthing contact		
333.838	7 x UTE socket outlet	grey
19" IT PDU Basic overvoltage protection + mains and frequency filters France		
Without switch, 2.0 m, H05VV-F 3G 1.5 mm², with right angle plug with earthing contact		
333.4063	6 x UTE socket outlet	grey
With switch, 2,0 m H05VV-F 3G1,5mm² with right angle plug with earthing contact		
333.840	5 x UTE socket outlet	grey
19" IT PDU Basic with fuse France		
1 x residual current device, tripping current 30 mA 2.0 m, H05VV-F 3G 1.5 mm², with right angle plug with earthing contact		
333.4065	6 x UTE socket outlet	grey
1 x MCB 16 A type B, 2,0 m H05VV-F 3G 1,5 mm² with right angle plug with earthing contact		
333.4066	6 x UTE socket outlet	grey

available on request

PDUs > 1 U ALU
Power distribution units

- Torsionally rigid profile > 1 U (52 mm), profile depth 44 mm
- Modular socket outlet design
- Standard socket colour white; other colours black, yellow, red, brown, blue and green also available
- Optionally includes illuminated 2-pole switch
- High-quality electronics components built in, e.g. overvoltage protection, mains and frequency filters
- Mounting brackets included

End caps riveted and do not open

Power input: 2.0 m, H05VV-F 3G 1.50 mm², grey, with moulded right angle plug with earthing contact with double earthing contact system, socket outlets white, set at 35°, including mounting brackets

Art. no.	Version
19", 8 x earthing contact	**Length: 440 mm**
333.001	· 8 x socket outlet with earthing contact, white

19", 7 x earthing contact	**Length: 440 mm**
1 x switch, green	
333.000	· 7 x socket outlet with earthing contact, white · Switch, green

19", 7 x earthing contact	**Length: 440 mm**
1 x overvoltage protection	
333.004	· 7 socket outlets with earthing contact, white · Overvoltage protection

19", 6 x earthing contact	**Length: 440 mm**
1 x overvoltage protection, 1 x switch, green	
333.005	· 6 x socket outlet with earthing contact, white · Switch, green · Overvoltage protection

19", 5 x earthing contact	**Length: 440 mm**
1 x overvoltage protection + mains and frequency filters	
333.002	· 5 x socket outlet with earthing contact, white · Overvoltage protection + mains and frequency filters

19", 4 x earthing contact	**Length: 440 mm**
1 x overvoltage protection + mains and frequency filters, 1 x switch, green	
331.0202	· 4 x socket outlet with earthing contact, white · Switch, green · Overvoltage protection + mains and frequency filters

available from stock

PDUs > 1 U PVC
Power distribution units

· Torsionally rigid profile > 1 U (52 mm) in high-quality PVC, profile depth 44 mm
· Optionally includes illuminated 2-pole switch
· High-quality electronics components built in, e.g. overvoltage protection, mains and frequency filters
· Mounting brackets included

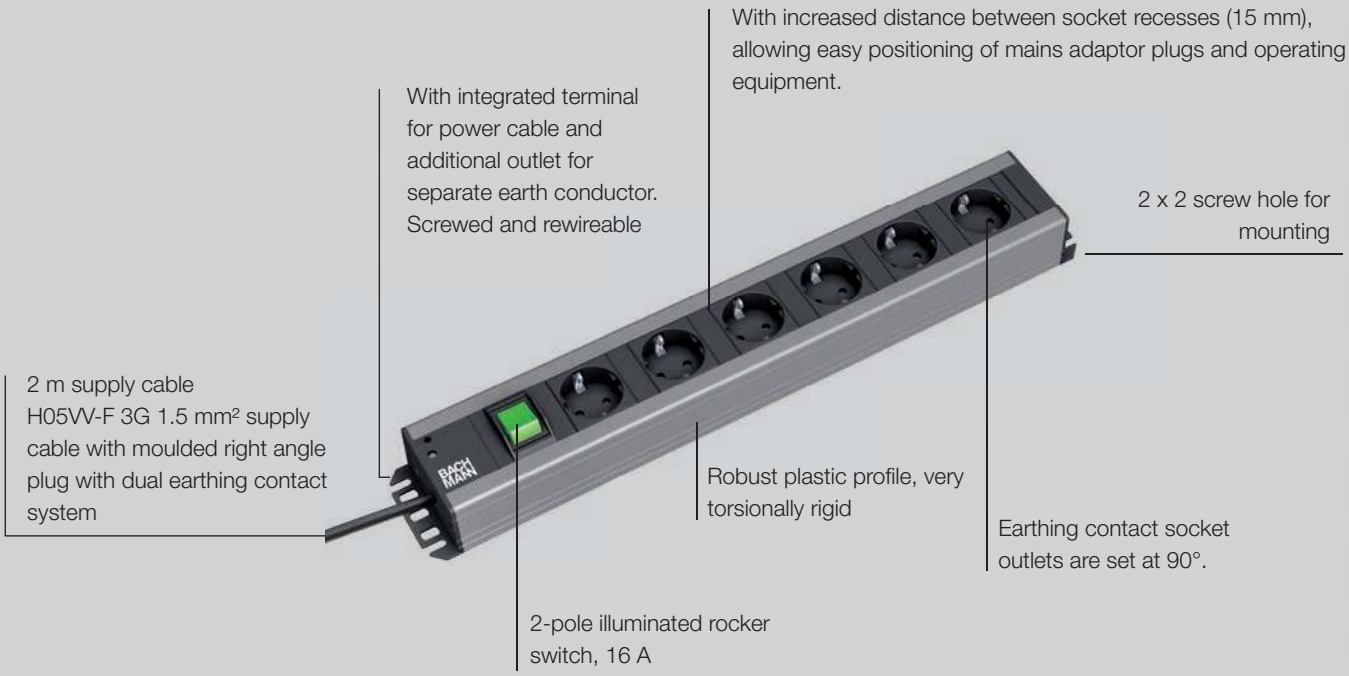
End caps riveted and do not open

Power input: 2.0 m, H05VV-F 3G 1.50 mm², grey, with moulded right angle plug with earthing contact with dual earthing contact system, light grey RAL7035 socket outlets set at 35°, including mounting brackets

Art. no.	Version
19", 8 x earthing contact	**Length: 440 mm**
333.601	· 8 x socket outlet with earthing contact
19", 7 x earthing contact	**Length: 440 mm**
1 x switch, green	
333.600	· 7 socket outlets with earthing contact · Switch, green
19", 7 x earthing contact	**Length: 440 mm**
1 x overvoltage protection	
333.604	· 7 x socket outlet with earthing contact · Overvoltage protection
19", 6 x earthing contact	**Length: 440 mm**
1 x overvoltage protection, 1 x switch, green	
333.605	· 6 x socket outlet with earthing contact · Switch, green · Overvoltage protection
19", 5 x earthing contact	**Length: 440 mm**
1 x overvoltage protection + mains and frequency filters	
333.602	· 5 x socket outlet with earthing contact · Overvoltage protection + mains and frequency filters

available from stock

Stainless steel mounting bracket:
Fitted at various heights and angles by fastening in the slots of the end cap.



PDU 2 U

Power distribution units

With increased distance between socket recesses, allowing easy positioning of mains adaptor plugs and operating equipment.

The benefits at a glance

- End caps with additional screw holes for mounting in data racks
- Additional earth conductor can be connected without opening the housing
- PDUs in 19" dimensions available
- Modern, technical design

2 U PDU set at 90°

· Supply cable: 2.0 m H05VV-F 3G 1.50 mm², black, with right angle plug with earthing contact
· Socket inserts, black, 15 mm spacing between sockets

Art. no.	Version	Dimensions: (L x W x H)
Power strip 90°		19"
Without switch		
300.000	· 6 x socket outlet with earthing contact	approx. 445 x 74 x 45 mm
300.001	· 9 x socket outlet with earthing contact	approx. 617 x 74 x 45 mm
300.002	· 12 x socket outlet with earthing contact	approx. 790 x 74 x 45 mm

1 x rocker switch, green		19"
300.003	· 6 x socket outlet with earthing contact	approx. 445 x 74 x 45 mm
300.004	· 9 x socket outlet with earthing contact	approx. 617 x 74 x 45 mm
300.005	· 12 x socket outlet with earthing contact	approx. 790 x 74 x 45 mm

1 x overvoltage protection, 1 x rocker switch, green		
300.011	· 6 x socket outlet with earthing contact	approx. 490 x 74 x 45 mm
1 x overvoltage protection + mains and frequency filters, 1 x rocker switch, green		
300.012	· 6 x socket outlet with earthing contact	approx. 575 x 74 x 45 mm

available from stock

Overvoltage protection with filter

Overvoltage protection - conforms to EN 61643-1:2005, EN 61643-11:2002 + A11:2007, type 3, discharge current 6.5 kA, response time < 25 nS. Suitable for 16 A (miniature fuse on request) with varistors, temperature fuse, gas discharge arrester, visual LED function and failure indicator (acoustic signalling also available on request).
Mains and frequency filters conforming to VDE 0565-3:05-2006, damping diagram on data sheet.

2 U PDU set at 35°

· Supply cable: 2.0 m H05VV-F 3G 1.50 mm², black
· Screwing dimension 465 mm, socket outlets set at 35°

Art. no.	Version	Dimensions: (L x W x H)
Power strip 35°		19"
Without switch		
300.006	· 8 x socket outlet with earthing contact	approx. 482.6 x 74 x 45 mm

1 x rocker switch, green		19"
300.007	· 7 x socket outlet with earthing contact	approx. 482.6 x 74 x 45 mm

available from stock

19" Available in 19" dimensions

Basic PDU Vertical

Power distribution units 230 - 400 V / 50 Hz

Development of the IT PDU focused on space-saving PDU integration in the server rack with scope for modular expansion. 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.
The IT PDUs can be linked together by a simple insertion mechanism, allowing various different plug versions to be combined.

The benefits at a glance

- Very high packing density (96 A per side)
- Very good MTTR (mean time to repair)
- Space-saving (depth: 47 mm)
- Maximum availability thanks to total physical and electric separation
- Lockable C13 and C19 sockets
- Phases identified by colour

Sample rack configuration

Sample system for 4 x 3 x 16 A / 400 V = 44 KW (11 KW per Basic PDU)

IT PDU Basic 1 U
12 x IEC C320 C13 with interlock
6 x socket outlet with earthing contact
Split into 3 phases
Art. no. 800.0109
(See page 30)

IT PDU Basic 1 U
18 x IEC C320 C13 with interlock
3 x IEC C320 C19 with interlock
Split into 3 phases
Art. no. 800.0104
(See page 30)

Supply A
2 x 16 A / 400 V / 50 Hz

IT PDU Basic 1 U
12 x IEC C320 C13 with interlock
6 x socket outlet with earthing contact
Split into 3 phases
Art. no. 800.0109
(See page 30)

IT PDU Basic 1 U
18 x IEC C320 C13 with interlock
3 x IEC C320 C19 with interlock
Split into 3 phases
Art. no. 800.0104
(See page 30)

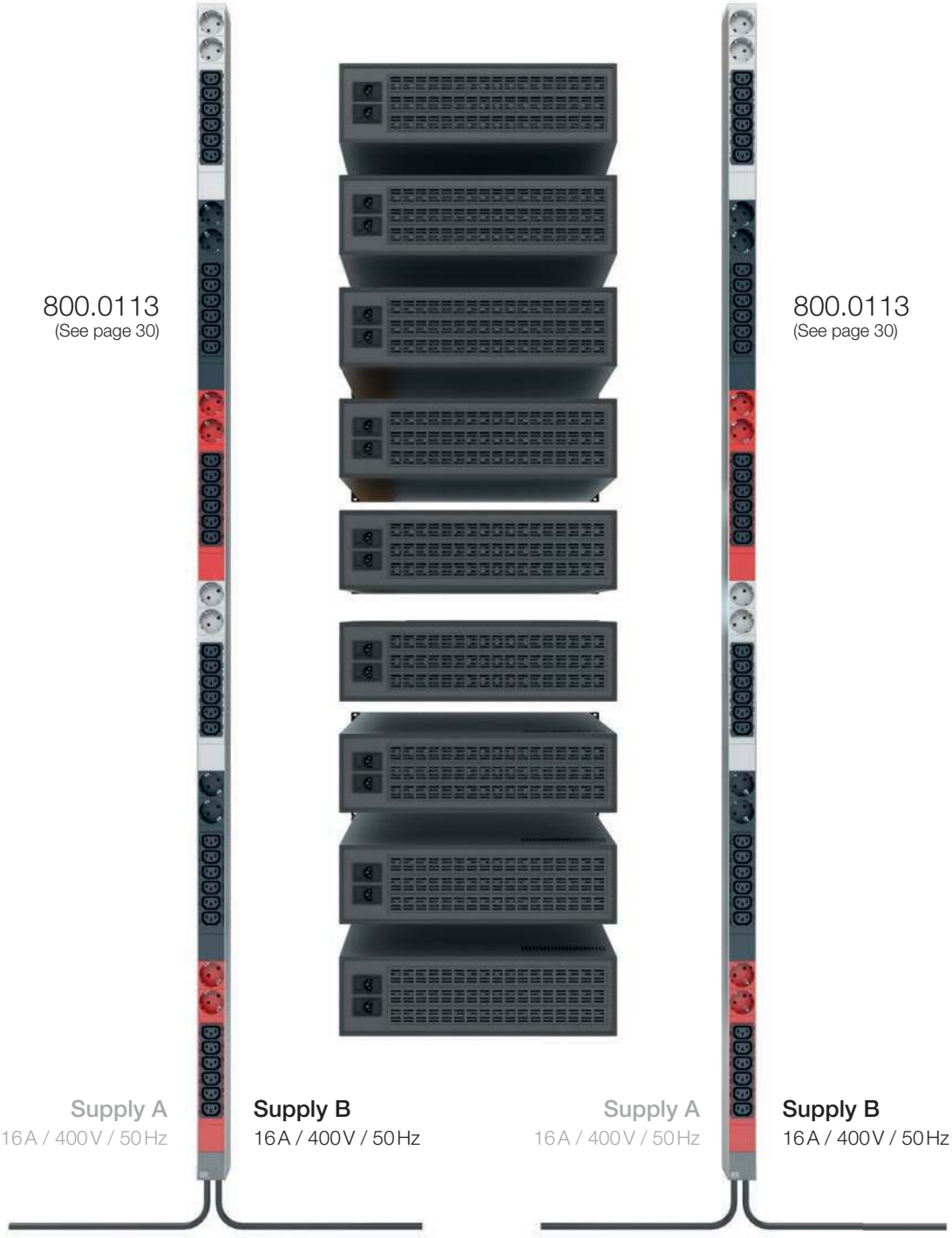
Supply B
2 x 16 A / 400 V / 50 Hz

Robust and compact fixing of two PDUs with vertical link.
(Art. no. 800.0053)

You can also use the product configurator at bachmann.com

High density rack

Sample system for 4 x 3 x 16 A / 400 V = 44 kW (11 kW per feeder unit)
Basic PDU 16 A / 400 V / 50 Hz



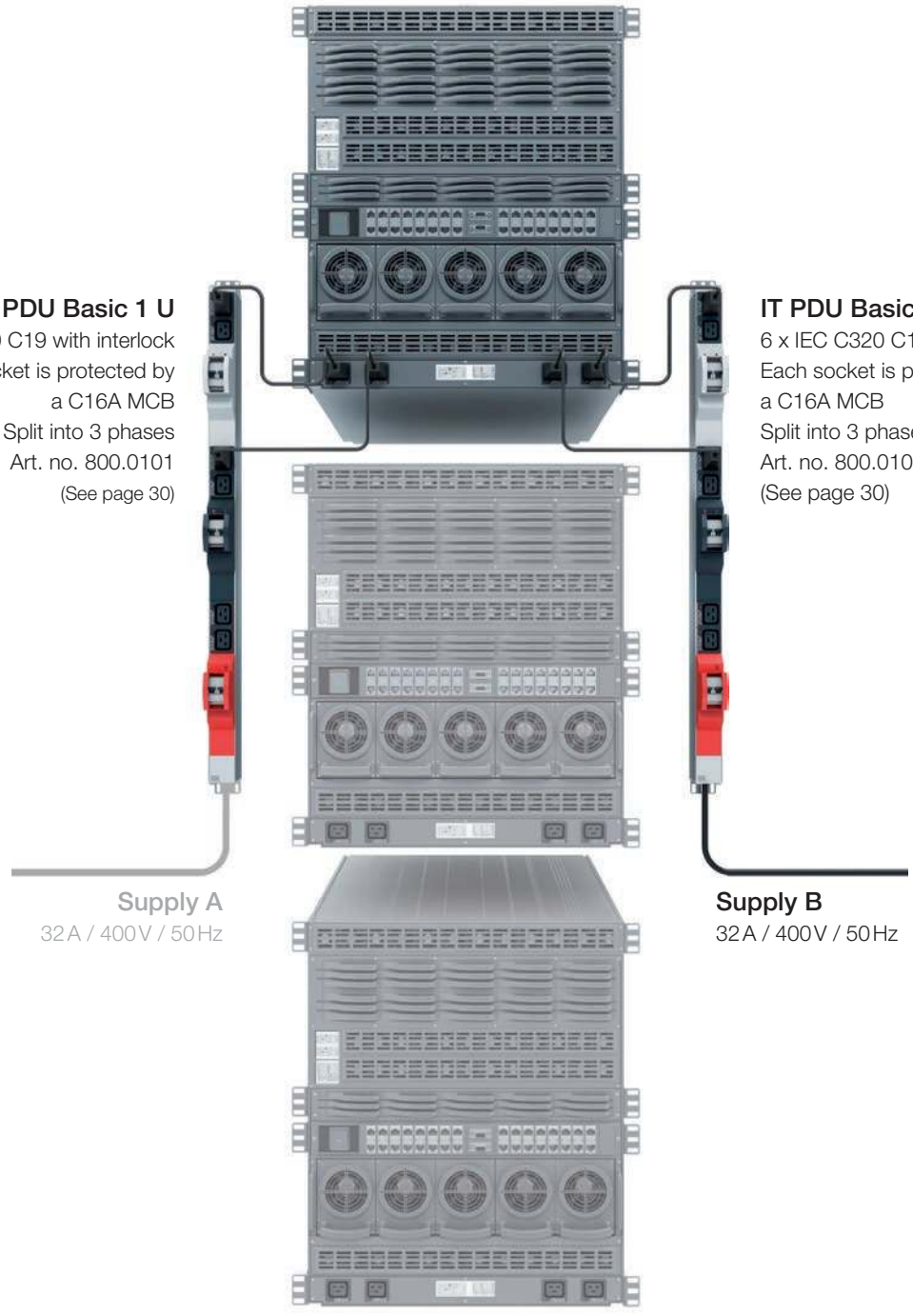
The benefits at a glance

- PDU with double infeed to increase performance or map redundancies.
- 2 galvanically isolated infeeds (16 - 32 A / 230 - 400 V)

Blade center rack

Sample system for 2 x 3 x 32 A/400 V = 44 kW (22 kW per Basic PDU)
Basic PDU 32 A / 400 V / 50 Hz

IT PDU Basic 1 U
6 x IEC C320 C19 with interlock
Each socket is protected by
a C16A MCB
Split into 3 phases
Art. no. 800.0101
(See page 30)



IT PDU Basic 1 U
6 x IEC C320 C19 with interlock
Each socket is protected by
a C16A MCB
Split into 3 phases
Art. no. 800.0101
(See page 30)

Supply A
32 A / 400 V / 50 Hz

Supply B
32 A / 400 V / 50 Hz

The benefits at a glance

- Little wiring work
- Rack with protection against accidental switching
- Selective protection structure
- Redundant power supply, specially for high ratings (22 kW / PDU)
- Compact PDU construction

Basic PDU Vertical

Power distribution units 230 - 400 V / 50 Hz

	Article number	Cable type H05VV-F-	Length (m)	Plug	Phases	Rated voltage (V)	Current per phase in A	C16A miniature circuit breaker	C13	C19 IEC lock	SOEC*	Outlets in total	Dimensions (WxHxD) in mm
	19" IT PDU Basic 3 x (16 A / 400 V / 50 Hz)												
	800.0111	5G 2.5 mm²	3	CEE	3	400	16			6		6	482.6 x 44 x 47
	IT PDU Basic (16 A / 230 V / 50 Hz)												
V	800.1657	3G 2.5 mm²	3	CEE	1	230	16		24	3		27	1075 x 44 x 47
	IT PDU Basic (32 A / 230 V / 50 Hz)												
V	800.0119	5G 4 mm²	3	CEE	1	230	32	2	20			20	778 x 44 x 47
	IT PDU Basic 3 x (16 A / 400 V / 50 Hz)												
V	800.0104	5G 2.5 mm²	3	CEE	3	400	16		18	3		21	821 x 44 x 47
V	800.0105	5G 2.5 mm²	3	CEE	3	400	16		18			18	821 x 44 x 47
	800.0107	5G 2.5 mm²	3	CEE	3	400	16				15	15	821 x 44 x 47
V	800.0109	5G 2.5 mm²	3	CEE	3	400	16		12		6	18	821 x 44 x 47

V	800.1656	5G 2.5 mm²	3	CEE	3	400	16		24	3		27	1075 x 44 x 47
V	800.0113	2 x 5G 2.5 mm²	2 x 3	2 x ES	6	400	16		36		12	48	1840 x 44 x 47
V	800.0114	2 x 5G 2.5 mm²	2 x 3	2 x ES	6	400	16		48			48	1840 x 44 x 47
	IT PDU Basic 3 x (32 A / 400 V / 50 Hz)												
	800.0100	5G 4 mm²	3	CEE	3	400	32	6		12		12	1075 x 44 x 47
	800.0101	5G 4 mm²	3	CEE	3	400	32	6		6		6	820 x 44 x 47
V	800.0102	5G 4 mm²	3	CEE	3	400	32	6	36			36	1586 x 44 x 47

available from stock

*ES=end sleeves

V Lockable socket outlets

Accessories

Mounting kits for IT PDUs

· Power strip is fixed by insertion into the profile groove provided
· No additional screws required

Art. no.	Version
1 U mounting brackets	
940.143	· Mounting brackets left and right
1 U link	
800.0053	· For connecting 2 vertically fitted PDUs
Locking clips	
940.103	· Red locking clip for IEC 320 non-heating appliance sockets C13, supplied in packs of 12.

Connecting cables for power supply

Cable cross-section mm²	Cable length (m)	Plug	Coupling	Art. no.	Cable colour
1.0	0.50	C14	C13	356.119	black
1.0	0.75	C14	C13	356.169	black
1.0	1.00	C14	C13	356.120	black
1.0	1.50	C14	C13	356.127	black
1.0	2.00	C14	C13	356.171	black
1.5	0.50	ECP*	C13	356.172	black
1.5	0.75	ECP*	C13	356.1721	black
1.5	1.00	ECP*	C13	356.1722	black
1.5	1.50	ECP*	C13	356.1723	black
1.5	2.00	ECP*	C13	354.127	black
1.5	0.50	C20	C19	356.1731	black
1.5	0.75	C20	C19	356.1732	black
1.5	1.00	C20	C19	356.1733	black
1.5	1.50	C20	C19	356.183	black
1.5	2.00	C20	C19	356.1735	black
1.5	0.50	ECP*	C19	356.1971	black
1.5	0.75	ECP*	C19	356.1972	black
1.5	1.00	ECP*	C19	356.1973	black
1.5	1.50	ECP*	C19	356.1974	black
1.5	2.00	ECP*	C19	356.1975	black

Art. no.	Cable colour
356.900	grey
356.901	grey
356.902	grey
356.903	grey
356.904	grey
356.905	grey
356.906	grey
356.907	grey
356.908	grey
356.909	grey
356.910	grey
356.911	grey
356.918	grey
356.935	grey
356.936	grey
356.937	grey
356.938	grey
356.939	grey
356.940	grey
356.941	grey

*ECP=earthing contact plug **SOEC=socket outlet with earthing contact

BlueNet

The intelligent, modular energy management system

BlueNet offers a total solution for structuring, controlling and monitoring IT power networks. It captures consumption and output data and provides the user with relevant data and control options for modern power management.

BlueNet

Efficient Power Management

Energy management

Monitor energy costs with BlueNet. All data, such as current, voltage, power, is depicted by the software and display.
Loads can then be distributed such that failures due to circuit overloads no longer occur.
Messages can be triggered automatically by means of adjustable threshold valves. Restarts controlled by web link further increase availability and flexibility.

The BlueNet technology can be easily integrated in superordinate infrastructure software solutions using extensive, integrated interfaces.

Safety

Every Bachmann PDU is tested and documented one port at a time using a computer-based test program during production.
Electronic components are continually subjected to stress tests to guarantee consistent quality.
BlueNet is only integrated in 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 operating 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 Basic Monitored series is one of the most compact power metering solutions with integrated network and sensor interface anywhere in the world.

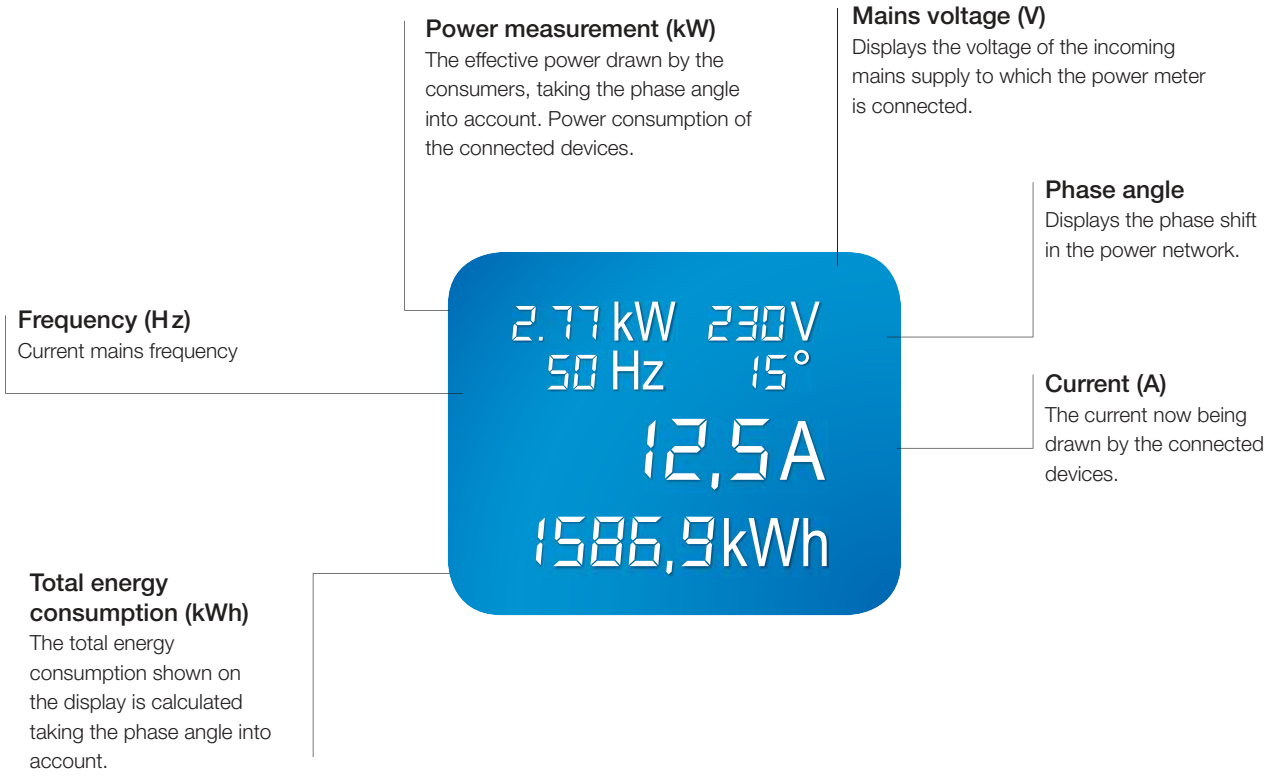
BlueNet product matrix

	BN0500	BN1000	BN2000	BN2000 PLC	BN2000 Inline	BN2000 Inline PLC	BN3000	Switched	Managed	Power unit
MEASUREMENT										
Current	x	x	x	x	x	x	x		x	x
Voltage	x	x	x	x	x	x	x		x	x
Phase angle	x	x	x	x	x	x	x		x	x
Frequency	x	x	x	x	x	x	x		x	x
Effective power	x	x	x	x	x	x	x		x	x
Reactive power		x	x	x	x	x	x		x	x
Apparent power		x	x	x	x	x	x		x	x
Energy meter	x	x	x	x	x	x	x		x	x
Power factor		x	x	x	x	x	x		x	x
Neutral conductor monitoring			x	x	x	x	x		x	x
Measurement per phase	x	x	x	x	x	x	x		x	x
Optional residual current measurement							x			
Measurement accuracy	1%	1%	1%	1%	1%	1%	1%		1%	1%
DISPLAY										
Type	LCD	–	TFT	TFT	TFT	TFT	OLED		LCD	LCD
Display can be rotated using software			x	x	x	x	x			
SENSORS										
Connections for external sensors		1	2	2	2	2	2			
Socket outlets can be switched		x						x	x	
Switching status check								x	x	

	BN0500	BN1000	BN2000	BN2000 PLC	BN2000 Inline	BN2000 Inline PLC	BN3000	Switched	Managed	Power unit
SWITCH										
Timer function		x								
Threshold value switching function		x								
COMMUNICATION										
Ethernet (10/100 Mbit/s)		x	x	x	x	x	x	x	x	x
WiFi 802.11 b/g/n		x								
PowerLine communication				x		x				
ModBus TCP							x	x	x	x
HTTP		x	x	x	x	x	x	x	x	x
HTTPS		x					x	x	x	x
SSH							x	x	x	x
DHCP		x	x	x	x	x	x	x	x	x
SMTP		x					x	x	x	x
SNMPv2			x	x	x	x	x	x	x	x
SNMPv3							x			
SNMP Trap							x	x	x	x
Syslog			x	x	x	x	x	x	x	x
NTP		x	x	x	x	x	x	x	x	x
OPERATION										
Web browser		x	x	x	x	x	x	x	x	x
Mobile app		x								
Local			x	x	x	x	x			

BlueNet BN0500

Current and power metering via local display



Power measurement (kW)
The effective power drawn by the consumers, taking the phase angle into account. Power consumption of the connected devices.

Mains voltage (V)
Displays the voltage of the incoming mains supply to which the power meter is connected.

Phase angle
Displays the phase shift in the power network.

Frequency (Hz)
Current mains frequency

Current (A)
The current now being drawn by the connected devices.

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

The benefits at a glance

- Current measurement
- Voltage measurement
- Phase angle measurement
- Effective power measurement taking phase angle into account
- Frequency measurement
- BlueNet display
- Accuracy class 1

BlueNet BN0500 (16 A / 230 V / 50 Hz)

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)
- Accuracy of measurement +/- 1 %
- End caps riveted and do not open
- Includes mounting brackets and screws
- Plastic black, aluminium profile silver

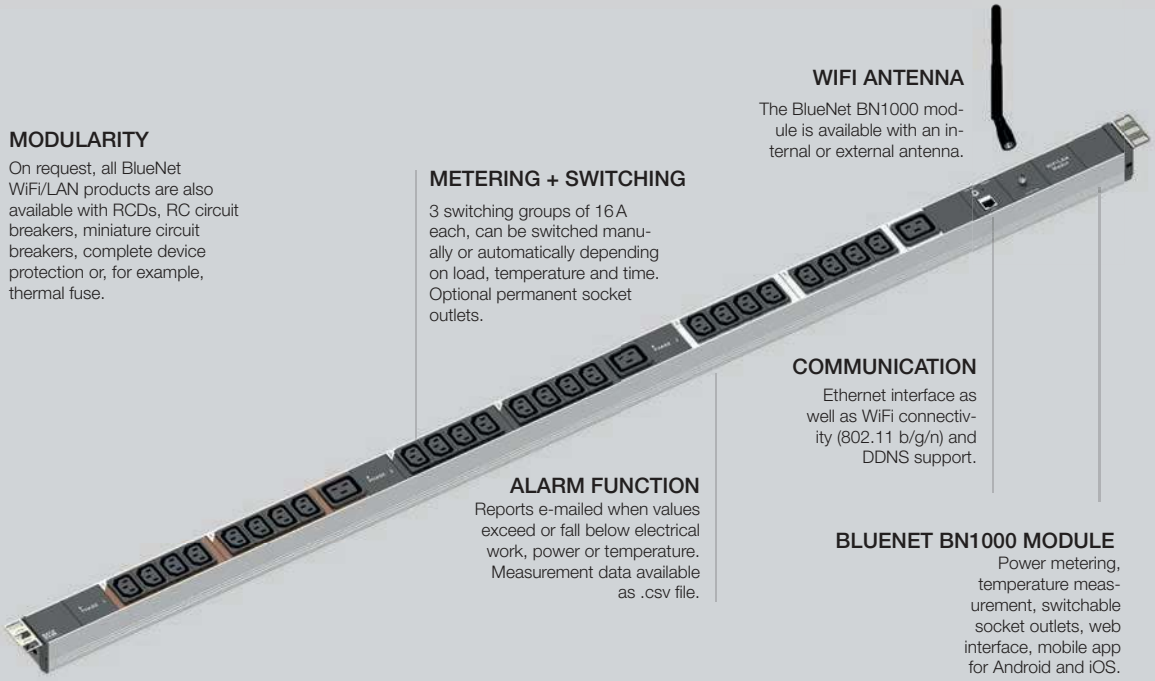
Art. no.	Version	Dimensions (L x W x H)	
BlueNet BN0500			
integrated power metering, 2.0 m H05VV-F 3G 1.5 mm², black, with right angle plug with earthing contact			
800.2054	· 8 x socket outlet with earthing contact	approx. 482.6 x 44 x 44	
800.2055	· 12 x IEC320 non-heating appliance socket C13	approx. 482.6 x 44 x 44	V
integrated power metering, 2.0 m H05VV-F 3G 1.5 mm², black, with CH T13 plug			
800.2063	· 7 x CH T13 socket outlet incl. 10 A fuse	approx. 482.6 x 44 x 44	
integrated power metering, 2.0 m H05VV-F 3G 1.5 mm², black, with CH T23 plug			
800.2065	· 7 x CH T23 socket outlet	approx. 482.6 x 44 x 44	
integrated power metering, 2.0 m H05VV-F 3G 1.5 mm², black, with right angle plug with earthing contact			
800.2067	· 8 x French / UTE socket outlet	approx. 482.6 x 44 x 44	
integrated power metering, 2.0 m H05VV-F 3G 1.5 mm², black, with UK plug			
800.2068	· 6 x UK socket outlet	approx. 482.6 x 44 x 44	
BlueNet BN0500 (16 A / 400 V / 50 Hz)			
integrated power metering, 3.0 m H05VV-F 5G 2.5 mm², black, with CEE-plug			
800.2134	· 24 x IEC320 C13; 3 x IEC320 C19 with IEC-Lock	ca. 1276 x 44 x 44	
BlueNet BN0500 (16 A / 230 V / 50 Hz)			
integrated power metering, 2.0 m H05VV-F 3G 1.5 mm², black, with CEE-plug			
800.2135	· 24 x IEC320 C13; 4 x IEC320 C19 with IEC-Lock	ca. 958 x 44 x 44	

800.2135

800.2134

You can also use the product configurator at bachmann.com

V Lockable socket outlets



BlueNet BN1000

The complete solution for small and mid-sized IT network applications

BlueNet
Efficient Power Management

The new BlueNet BN1000 module provides three separate switching and measuring groups for extended power metering and temperature measuring, and the switching of individual socket outlets and complete power strips.
The management interface is integrated in the web server and is operated via the web browser in the network or with Dynamic DNS via the Internet. The BlueNet WiFi app is available for mobile end devices.
The maximum switching capacity is a full 16 A per switching group. Switching can be performed both manually and automatically using load, temperature or time thresholds which can be set individually.
The BlueNet BN1000 module can be integrated in virtually all Bachmann products.
External temperature sensors are available as accessories in lengths of 3, 10 and 20m.
An external RP-SMA antenna connection is provided for all Bachmann's IT BN1000 products. External WiFi antennas are also available as accessories.
Thanks to its compact design, the BN1000 module can be integrated in the modular Bachmann system and

The benefits at a glance

- Three switching groups of 16 A each
- Temperature measurement and power metering
- Load management and cost control
- Management via web interface and smartphone app
- Remote online access via Dynamic DNS
- WiFi (802.11 b/g/n) and Ethernet connectivity
- Ethernet (LAN) connectivity

combined with connector systems, basic products and other components.

Manual switching

The WiFi/LAN module is accessed by Internet browser or mobile app. A static or dynamic IP address of the local network is assigned to the WiFi/LAN module. A dynamic DNS is fully supported and allows access (including remote access) to connected WiFi/LAN products with all functions, such as switching the switching outputs and monitoring of temperature and power data at any time. Depending on product variant, can also be switched using local buttons.

Time-controlled switching

The BN1000 module provides convenient programming of the timer via the web browser. Only the time is entered during daily switching (on/off). The socket outlet's system time can be automatically synchronised via the Internet on a daily basis. The days of the week can be set for weekly switching processes. The switching actions (on/off) are selected individually for each time. All settings are saved in an individual profile. Up to four profiles can be created with the BN1000 module.

Temperature monitoring, threshold value alarms and temperature-dependent switching

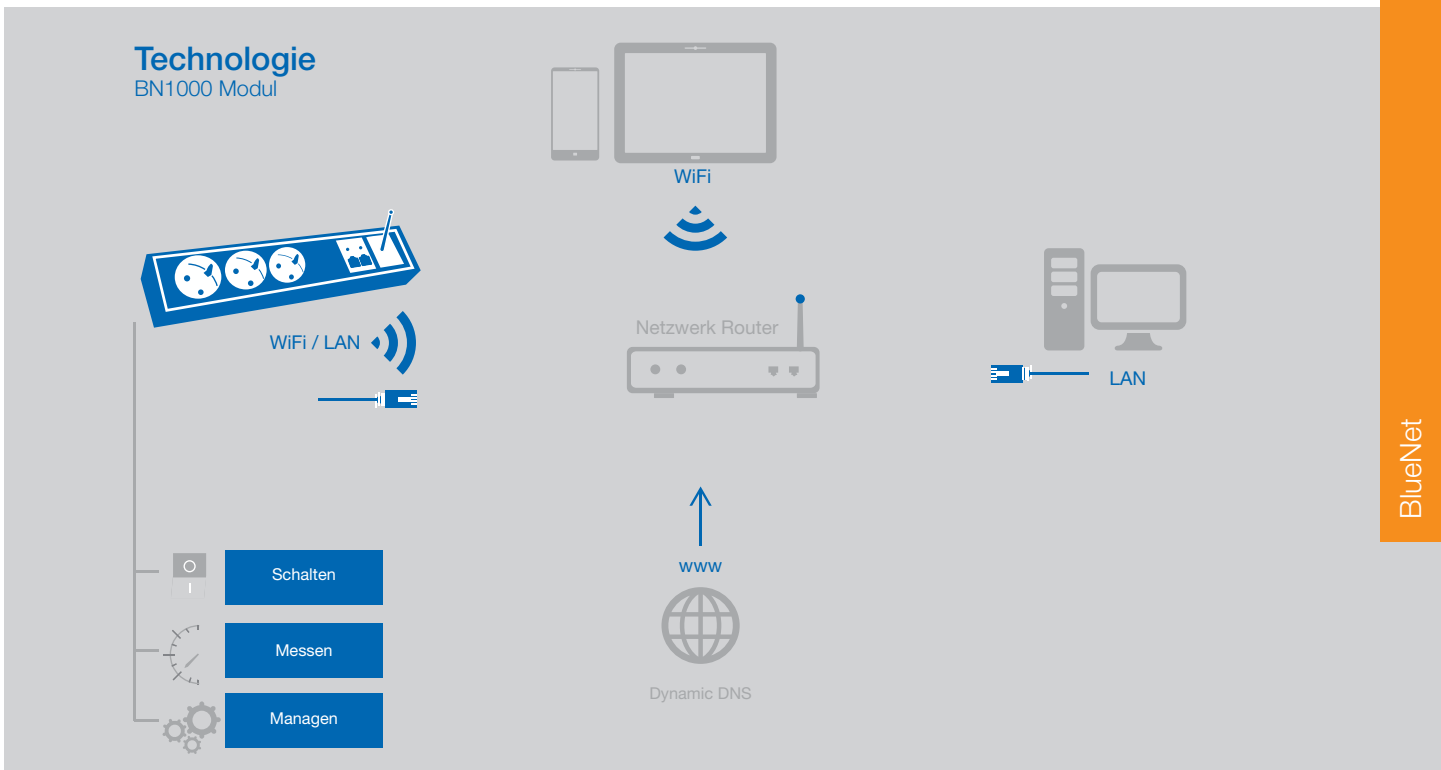
The ambient temperature is measured using the connected temperature sensor and displayed directly in the web browser and app. If values exceed or fall below personally defined threshold values, e-mails are sent automatically. Limit values, at which the selected switching groups are switched automatically, allow e.g. an air conditioning device or a heating fan to function in a particular temperature range with the aid of BN1000 technology.

Power metering, issuing of threshold value alarms and load-dependent switching

Within the BN1000 module, the present electrical power of the three switching groups is measured and visualised via a web interface or app. Again automatic switching is possible following a freely definable effective power threshold value per switching group. E-mails can also be sent automatically if values exceed or fall below the measured power or electrical work.

Key facts

- Measurement of: Temperature, voltage (V), current (A), cos Φ, effective power (W), apparent power (VA), work (kWh) and costs (€)
- Switching function: manual, by power, temperature or time; 3 switching groups of 16 A each
- Communication: WiFi (802.11 b/g/n, Ethernet 10/100), supports DDNS
- SSL-encrypted e-mail messages when values exceed or fall below threshold values
- Integrated web server with graphic management interface
- Client applications for Android and iOS
- With internal or external antenna as an option
- Accuracy of measurement +/- 1%

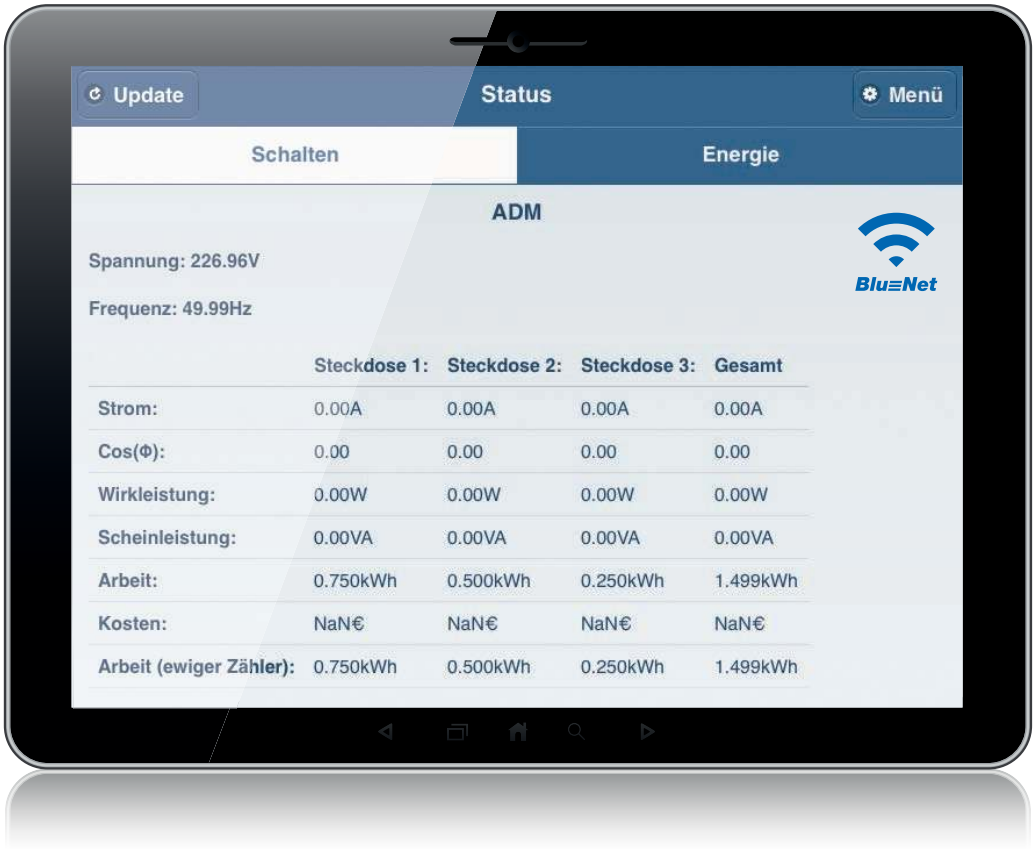


App for smartphones or tablet PCs

The app is available from the Play Store (for Android) or the App Store (for iOS) by searching for BlueNet WiFi. The present temperature, current switching statuses and current power metering data are displayed. The socket outlets can be switched on and off. If a Dynamic DNS address is entered, this entire functional scope can be accessed remotely via 3G or 4G.

Smartphone interface

Tablet interface



	Steckdose 1:	Steckdose 2:	Steckdose 3:	Gesamt
Strom:	0.00A	0.00A	0.00A	0.00A
Cos(Φ):	0.00	0.00	0.00	0.00
Wirkleistung:	0.00W	0.00W	0.00W	0.00W
Scheinleistung:	0.00VA	0.00VA	0.00VA	0.00VA
Arbeit:	0.750kWh	0.500kWh	0.250kWh	1.499kWh
Kosten:	NaN€	NaN€	NaN€	NaN€
Arbeit (ewiger Zähler):	0.750kWh	0.500kWh	0.250kWh	1.499kWh

Website interface

Power metering & switching (BlueNet BN1000)

- Power metering
- Temperature monitoring
- Issuing of threshold value alarms
- Remote switching
- Time-controlled switching
- Temperature-dependent switching

For more information, see page 38

Article number	Cable type	Cable cross-section mm^2	Cable length (m)	Plug	Phase(s)	Rated voltage (V)	Current (A)	Max power in kVA	SKD**	UTE	T13	C13	C19	Outlets in total	Dimensions (L x W x D)
820.028	H05VV-F	3G1,5	2	SKS*	1	230	16	3,7	3					3	437 x 44,4 x 46,2
820.030	H05VV-F	3G1,5	2	SKS*	1	230	16	3,7		3				3	522 x 44,4 x 46,2
820.032	H05VV-F	3G1,5	2	T12	1	230	16	3,7			3			3	437 x 44,4 x 46,2
820.029	H05VV-F	3G1,5	2	SKS*	1	230	16	3,7	6					6	522 x 44,4 x 46,2
820.031	H05VV-F	3G1,5	2	SKS*	1	230	16	3,7		6				6	607 x 44,4 x 46,2
820.033	H05VV-F	3G1,5	2	T12	1	230	16	3,7			9			9	522 x 44,4 x 46,2
820.044	H05VV-F	3G1,5	2	CEE16A	1	230	16	3,7				24	3	27	1160 x 44,4 x 46,2

BN1000 accessories

Art. no.	Description
BlueNet BN1000 accessories	
820.045	· External temperature sensor 3.0 m; jack plug 2.5 mm; measuring range of sensor max. -50 °C to 110 °C
820.046	· External temperature sensor 10 m; jack plug 2.5 mm; measuring range of sensor max. -50 °C to 110 °C; water-tight IP88
820.047	· External temperature sensor 20 m; jack plug 2.5 mm; measuring range of sensor max. -50 °C to 110 °C; water-tight IP88
820.048	· RP-SMA WiFi antenna; with pivoted joint; 802.11 b/g/n; boosting 2dBi
820.049	· RP-SMA WiFi antenna; with pivoted joint; 802.11 b/g/n; boosting 5dBi

Connecting cables for power supply

Cable cross-section mm²	Cable length (m)	Plug	Coupling	Art. no.	Cable colour
1.0	0.50	C14	C13	356.119	black
1.0	0.75	C14	C13	356.169	black
1.0	1.00	C14	C13	356.120	black
1.0	1.50	C14	C13	356.127	black
1.0	2.00	C14	C13	356.171	black
1.5	0.50	ECP*	C13	356.172	black
1.5	0.75	ECP*	C13	356.1721	black
1.5	1.00	ECP*	C13	356.1722	black
1.5	1.50	ECP*	C13	356.1723	black
1.5	2.00	ECP*	C13	354.127	black
1.5	0.50	C20	C19	356.1731	black
1.5	0.75	C20	C19	356.1732	black
1.5	1.00	C20	C19	356.1733	black
1.5	1.50	C20	C19	356.183	black
1.5	2.00	C20	C19	356.1735	black
1.5	0.50	ECP*	C19	356.1971	black
1.5	0.75	ECP*	C19	356.1972	black
1.5	1.00	ECP*	C19	356.1973	black
1.5	1.50	ECP*	C19	356.1974	black
1.5	2.00	ECP*	C19	356.1975	black

Art. no.	Cable colour
356.900	grey
356.901	grey
356.902	grey
356.903	grey
356.904	grey
356.905	grey
356.906	grey
356.907	grey
356.908	grey
356.909	grey
356.910	grey
356.911	grey
356.918	grey
356.935	grey
356.936	grey
356.937	grey
356.938	grey
356.939	grey
356.940	grey
356.941	grey

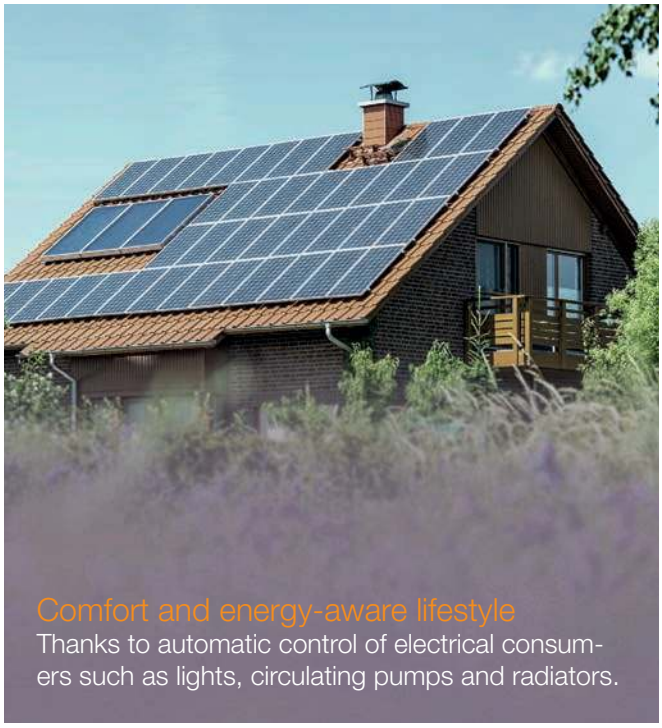
Examples of use BN1000

Safety and availability

The low-cost complete solution for server rooms or smaller IT infrastructures for metering, switching and managing.

Cost control, resource planning and load management

With the BlueNet BN1000 module

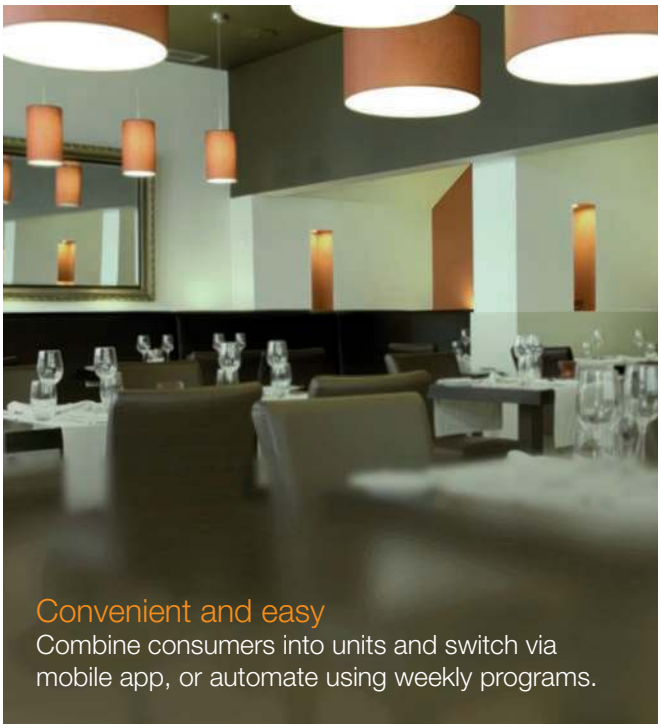


Comfort and energy-aware lifestyle

Thanks to automatic control of electrical consumers such as lights, circulating pumps and radiators.

Safety

Through simulation of presence and e-mail notifications or automatic cut-off. For example, in the event of overload or underload or a preset temperature.



Convenient and easy

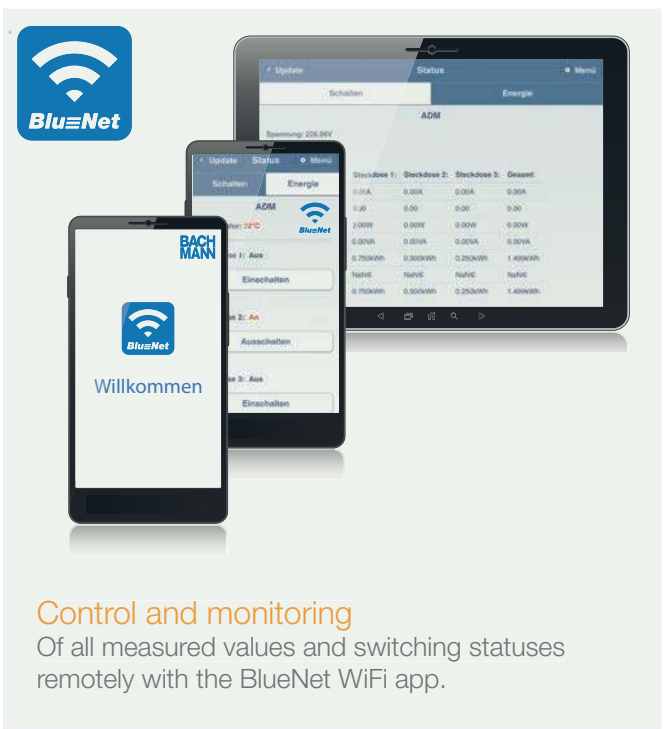
Combine consumers into units and switch via mobile app, or automate using weekly programs.

Safety and cost control

Control and monitor office consumers with BN1000 underfloor systems, also available as a retrofit solution that is easy to integrate.

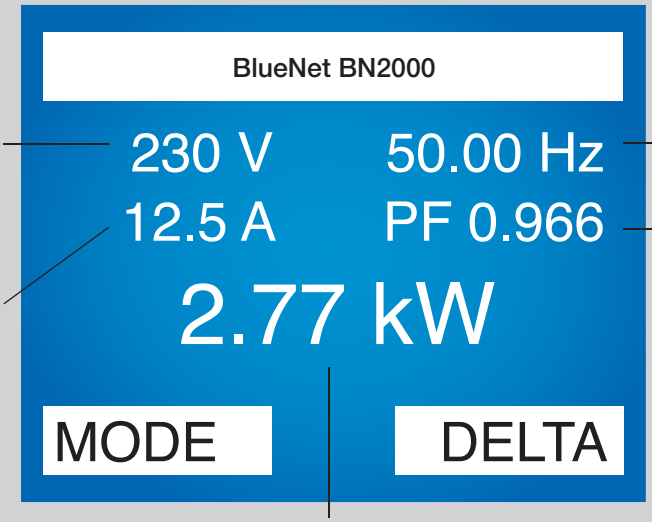
Comfort and smart technology

Use an app to easily switch off standby power consumption for individual appliances and save energy, e.g. for home entertainment equipment. Easy access to socket outlets behind furniture.



Control and monitoring

Of all measured values and switching statuses remotely with the BlueNet WiFi app.



Mains voltage (V)
Displays the voltage of the incoming mains supply to which the power meter is connected.

Current (A)
The current now being drawn by the connected devices.

Frequency (Hz)
Current mains frequency

Power factor
Displays the power factor.

Power measurement (kW)
The effective power drawn by the consumers, taking the phase angle into account. Power consumption of the connected devices.

BlueNet BN2000

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

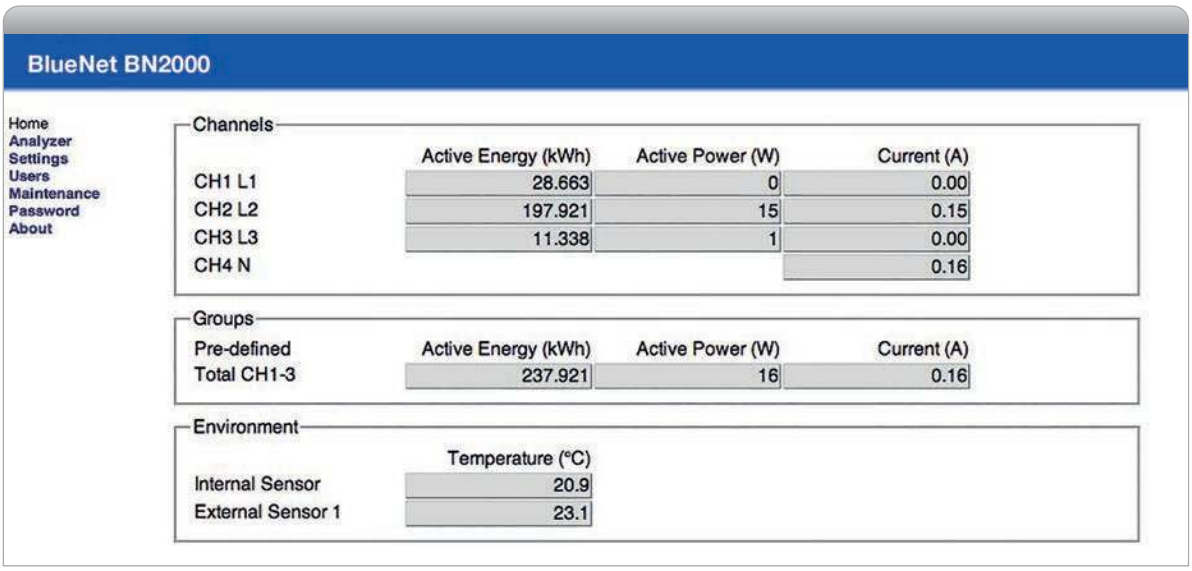
BlueNet
Efficient Power Management

The benefits at a glance

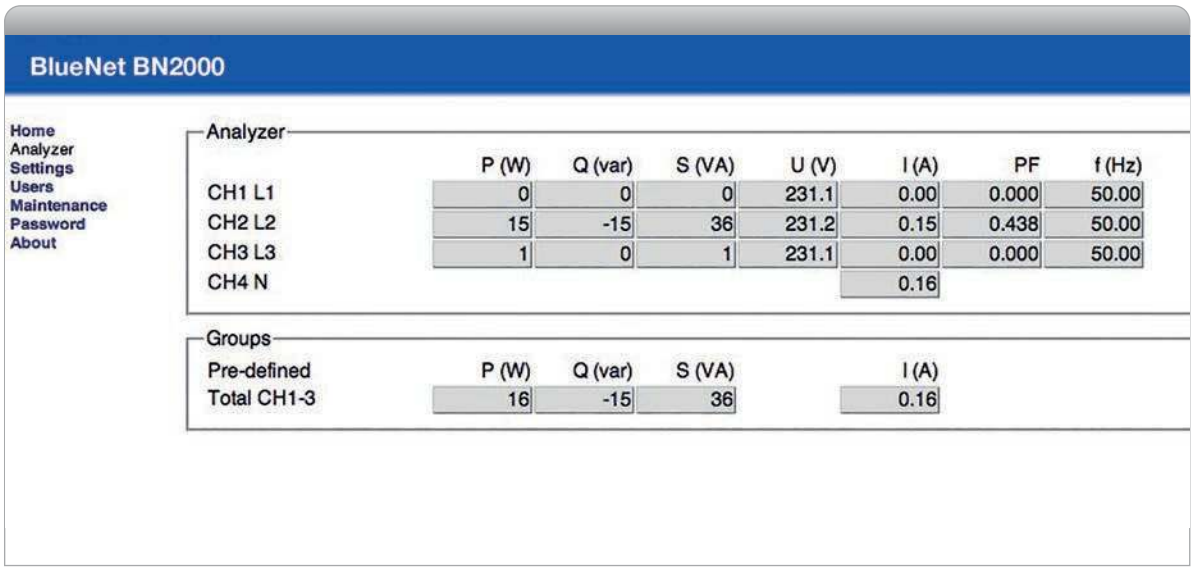
- Robust aluminium housing
- 1-phase and 3-phase versions
- 3.6 kW - 22 kW power range
- Extremely compact PDU power metering in 1 U profile (44 mm x 47 mm)
- Coloured phase assignment of socket outlet with earthing contact and IEC 320 socket inserts
- Measurement of: current per phase & in total, power per phase & in total (effective, apparent and reactive power)
- energy consumption, voltage, frequency, power factor, N conductor, current
- Integrated temperature sensor also for self-monitoring
- 2 more sensors (temp./humidity) can be connected. If combi sensor is connected, up to an extra 2 x temp. + 2 x humidity measurement possible
- Operated locally or using web browser via Ethernet port
- Protocols: HTTP, SNMP, Ethernet 10/100 MBit/s, DHCP, NTP
- High-resolution 2" TFT display, display can be rotated
- Accuracy of measurement +/- 1 %
- Internal consumption < 1 W

Combined temperature and air humidity sensor which can be easily secured to the rack using the integrated magnet.

BlueNet BN2000 as 19" variant for monitoring the network and distributor racks



- Overview of the system
- Display of effective energy meter, load and current
- Display of internal and external environmental sensors



- Detailed view of the 3 phases and neutral conductor
- Display of effective, apparent and reactive power, voltage, current, power factor and frequency

BlueNet BN2000 PDU

	Article number	Cable type	Cable cross-section mm²	Cable length (m)	Plug	Phase(s)	Rated voltage (V)	Current (A)	Max power in kVA	C13	C19 IEC LOCk	SOEC*	C19	C16A miniature circuit-breaker	Outlets in total	Length (mm)
V	329.3009	H05VV-F	1.5	2	ECP*	1	230	16	3.7			6			6	438.5
V	329.3010	H05VV-F	1.5	2	ECP*	1	230	16	3.7	8					8	438.5
V	329.3012	H05VV-F	1.5	3	CEE	3	400	16	11.0	36		6			42	1757.7
V	329.3013	H05VV-F	1.5	3	CEE	3	400	16	11.0	36			6		42	1757.7
V	329.3056	H05VV-F	4	3	CEE	1	230	32	7.4	24	4			2	28	1330.7
V	329.3057	H05VV-F	2.5	3	CEE	1	230	16	3.7	24	3				27	1032.6
V	329.3058	H05VV-F	4	3	CEE	3	400	32	22.1	24	6			3	30	1883
V	329.3059	H05VV-F	2.5	3	CEE	3	400	16	11.0	24	6				30	1373

available from stock

BlueNet BN2000 accessories

Art. no.	Description
BlueNet BN2000 accessories	
329.3104	· Combined temperature and humidity sensor 2.0 m cable

V Lockable socket outlets

Accessories

Mounting kits for IT PDUs

· Power strip is fixed by insertion into the profile groove provided
· No additional screws required

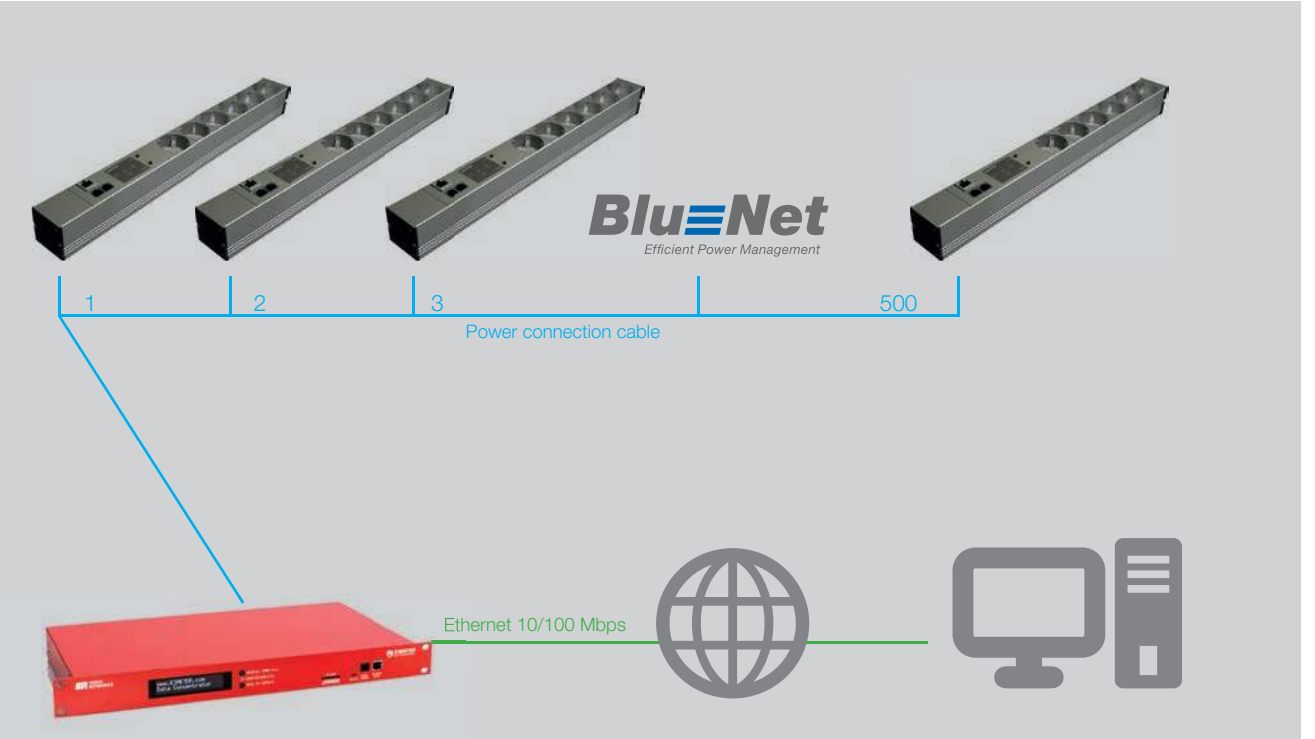
Art. no.	Version
1 U mounting brackets	
940.143	· Mounting brackets left and right
1 U link	
800.0053	· For connecting 2 vertically fitted PDUs
Locking clips	
940.103	· Red locking clip for IEC 320 non-heating appliance sockets C13, supplied in packs of 12.

Connecting cables for power supply

Cable cross-section mm²	Cable length (m)	Plug	Coupling	Art. no.	Cable colour
1.0	0.50	C14	C13	356.119	black
1.0	0.75	C14	C13	356.169	black
1.0	1.00	C14	C13	356.120	black
1.0	1.50	C14	C13	356.127	black
1.0	2.00	C14	C13	356.171	black
1.5	0.50	ECP*	C13	356.172	black
1.5	0.75	ECP*	C13	356.1721	black
1.5	1.00	ECP*	C13	356.1722	black
1.5	1.50	ECP*	C13	356.1723	black
1.5	2.00	ECP*	C13	354.127	black
1.5	0.50	C20	C19	356.1731	black
1.5	0.75	C20	C19	356.1732	black
1.5	1.00	C20	C19	356.1733	black
1.5	1.50	C20	C19	356.183	black
1.5	2.00	C20	C19	356.1735	black
1.5	0.50	ECP*	C19	356.1971	black
1.5	0.75	ECP*	C19	356.1972	black
1.5	1.00	ECP*	C19	356.1973	black
1.5	1.50	ECP*	C19	356.1974	black
1.5	2.00	ECP*	C19	356.1975	black

Art. no.	Cable colour
356.900	grey
356.901	grey
356.902	grey
356.903	grey
356.904	grey
356.905	grey
356.906	grey
356.907	grey
356.908	grey
356.909	grey
356.910	grey
356.911	grey
356.918	grey
356.935	grey
356.936	grey
356.937	grey
356.938	grey
356.939	grey
356.940	grey
356.941	grey

*ECP=earthing contact plug



BlueNet BN2000 PLC

(PowerLine communication)

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

BlueNet
Efficient Power Management

The benefits at a glance

- Robust aluminium housing
- 1-phase and 3-phase versions
- 3.6 kW - 22 kW power range
- Extremely compact PDU power metering in 1 U profile (44 mm x 47 mm)
- Coloured phase assignment of socket outlet with earthing contact and IEC320 socket inserts
- Measurement of: current per phase & in total, power per phase & in total
- (effective, apparent and reactive power),
- energy consumption, voltage, frequency, power factor, N conductor, current
- Integrated temperature sensor also for self-monitoring
- 2 more sensors (temp./humidity) can be connected. If combi sensor is connected, up to an extra 2 x temp. + 2 x humidity measurement possible
- Operated locally or using web browser via Ethernet port
- Protocols: HTTP; SNMP, Ethernet 10/100 MBit/s, DHCP, NTP
- High-resolution 2" TFT display, display can be rotated
- Accuracy of measurement +/- 1 %
- Internal consumption < 1 W
- Transmission of all data via Ethernet and PowerLine (SNMP protocol)

Benefits of PowerLine technology

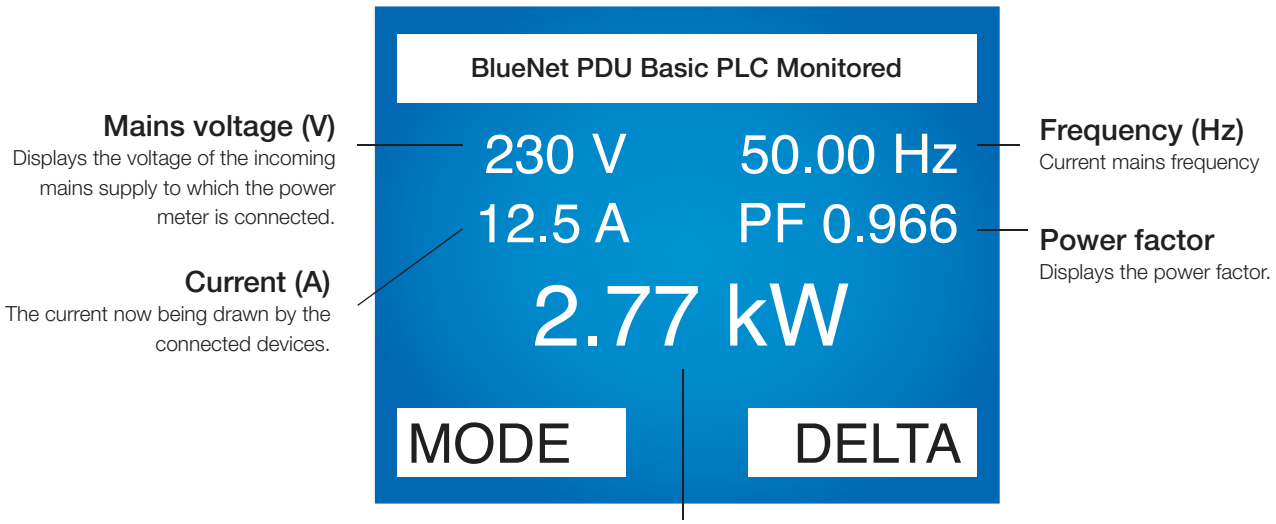
- The PLC module can be combined with all BlueNet BN2000 products
- Narrowband PowerLine Communication (PLC) with high availability and not susceptible to disturbances
- Data from any number of PDUs is managed centrally using a concentrator
- Optimisation of investment and operating costs through reduction in network cabling, patch cabling, IP addresses and switch ports
- No additional space needed in the PDU for the PLC module
- No cable-lined radiation / disturbances in the network
- 95 - 125 Khz according to Cenelec B
- Internal consumption 0.2 W

BlueNet BN2000 modules with PLC

- Keep an eye on costs with monitored power consumption and power factor
- Each device has a unique serial number, which appears in the SNMP tree via a central unit
- Connection and disconnection without interrupting data communication
- Each unit has a unique serial number
- 1 PDUs are queried per second
- Around 250 PDUs a minute can be queried in parallel with one central unit
- The data concentrator is equipped with 2 galvanically isolated three-phase connections for each network A and B, which allows optimal communication
- Alarms are issued in real time. Individual nodes can be selected and therefore queried every second.

PLC Concentrator

- Compact PowerLine concentrator in 19" housing
- All data is recorded centrally by the data concentrator (3 phases) and therefore managed centrally too
- All SNMP-capable management software can read the data from the data concentrator
- No moving parts (no fans, has passive cooling, industrial-strength Flash memory)
- Serial connection for maintenance and updates
- 10/100 Mbps Ethernet interface
- Status LEDs



Mains voltage (V)
Displays the voltage of the incoming mains supply to which the power meter is connected.

Current (A)
The current now being drawn by the connected devices.

Frequency (Hz)
Current mains frequency

Power factor
Displays the power factor.

Power measurement (kW)
The effective power drawn by the consumers, taking the phase angle into account. Power consumption of the connected devices.

BlueNet BN2000 PLC

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

	Article number	Cable type	Cable cross-section mm²	Cable length (m)	Plug	Phase(s)	Rated voltage (V)	Current (A)	Max power in kVA	C13	C19 IEC LOCK	C16A miniature circuit-breaker	Outlets in total	on request	Length (mm)
V	329.3111	H05VV-F	2.5	3	CEE	3	400	16	11.0	36			36	x	1458
	329.3112	H05VV-F	4	3	CEE	1	230	32	7.4	24	4	2	28	x	1330.7
	329.3113	H05VV-F	2.5	3	CEE	1	230	16	3.7	24	3		27	x	1032.6
	329.3114	H05VV-F	4	3	CEE	3	400	32	22.1	24	6	6	30	x	1883
	329.3115	H05VV-F	2.5	3	CEE	3	400	16	11.0	24	6		30	x	13773

BlueNet PowerLine Concentrator

The BlueNet PowerLine Concentrator collects the data from the PowerLine PDUs and supplies it to the network via the Ethernet interface.

Art. no.	Version
BlueNet Concentrator with PowerLine communications module	
19" housing	
329.3117	· 2 x 3 phase / 400 V

BlueNet BN2000 accessories

Art. no.	Description
BlueNet BN2000 accessories	
329.3104	· Combined temperature and humidity sensor 2.0 m cable

V Lockable socket outlets

Accessories

Mounting kits for IT PDUs

- Power strip is fixed by insertion into the profile groove provided.
- No additional screws required

Art. no.	Version
1 U mounting brackets	
Zero U Space	
940.143	· Mounting brackets left and right
1 U link	
Zero U Space	
800.0053	· For connecting two vertically fitted PDUs
Locking clips	
940.103	· Red locking clip for IEC 320 non-heating appliance sockets C13, supplied in packs of 12.

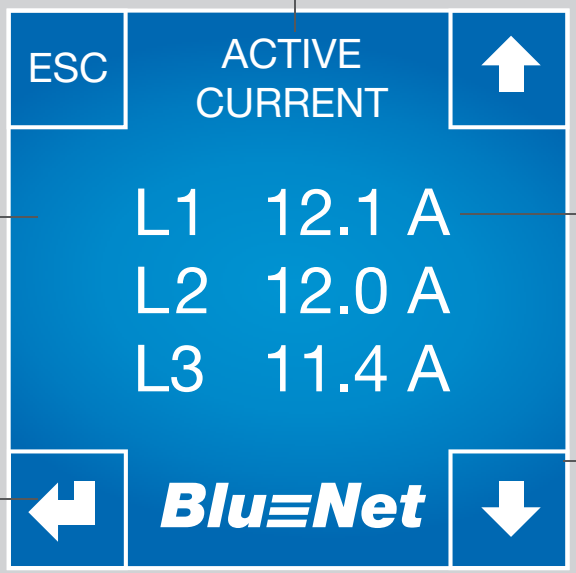
Connecting cables for power supply

Cable cross-section mm²	Cable length (m)	Plug	Coupling	Art. no.	Cable colour
1.0	0.50	C14	C13	356.119	black
1.0	0.75	C14	C13	356.169	black
1.0	1.00	C14	C13	356.120	black
1.0	1.50	C14	C13	356.127	black
1.0	2.00	C14	C13	356.171	black
1.5	0.50	ECP*	C13	356.172	black
1.5	0.75	ECP*	C13	356.1721	black
1.5	1.00	ECP*	C13	356.1722	black
1.5	1.50	ECP*	C13	356.1723	black
1.5	2.00	ECP*	C13	354.127	black
1.5	0.50	C20	C19	356.1731	black
1.5	0.75	C20	C19	356.1732	black
1.5	1.00	C20	C19	356.1733	black
1.5	1.50	C20	C19	356.183	black
1.5	2.00	C20	C19	356.1735	black
1.5	0.50	ECP*	C19	356.1971	black
1.5	0.75	ECP*	C19	356.1972	black
1.5	1.00	ECP*	C19	356.1973	black
1.5	1.50	ECP*	C19	356.1974	black
1.5	2.00	ECP*	C19	356.1975	black

Art. no.	Cable colour
356.900	grey
356.901	grey
356.902	grey
356.903	grey
356.904	grey
356.905	grey
356.906	grey
356.907	grey
356.908	grey
356.909	grey
356.910	grey
356.911	grey
356.918	grey
356.935	grey
356.936	grey
356.937	grey
356.938	grey
356.939	grey
356.940	grey
356.941	grey

*ECP=earthing contact plug

Measurement
Current, power (effective, apparent and reactive power), energy consumption, voltage, frequency, power factor, N conductor



Integrated display
The most important measured values at rack level at a glance.

Overview
Shows the measured values of all phases in an overview.

Display can be rotated
The display can be rotated in 90° steps so it is easier to read.

Scrolling
The keys on the front can be used to scroll through the various measured values.

BlueNet BN3000 master / slave
16 - 32 A / 230 - 400 V / 50 Hz

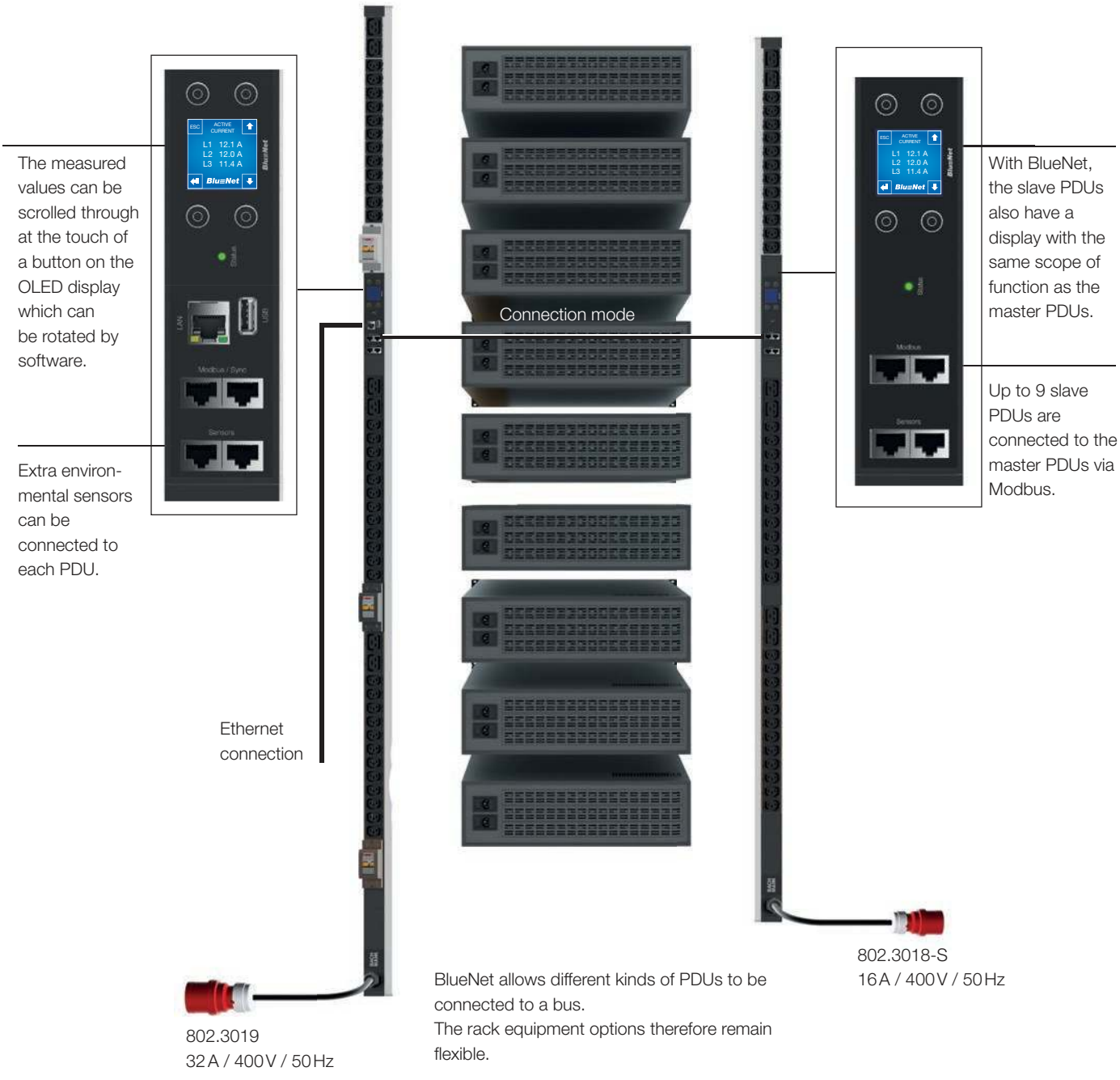
BlueNet Efficient Power Management

BlueNet BN3000 is the next generation of BlueNet products. An optimised shape factor, PDUs that can be cascaded via Modbus and a rotatable OLED display create the ideal basis for the energy monitoring system of the future.
The data centre's mains supply is monitored and remotely controlled from the comfort of your desk with BlueNet Network products. BlueNet increases data centre availability, minimises down times and cuts costs. BlueNet monitors current, voltage and power. This allows resources to be planned efficiently and alarms to be issued in the event of faults.

The benefits at a glance

- PDUs can be cascaded via Modbus, just one Ethernet connection is needed for 10 PDUs
- Incredibly compact design (1 U wide x 60 mm deep), rotatable OLED display
- Robust housing made from torsionally rigid aluminium profile
- 1-phase and 3-phase versions
- 3.6 kW - 22 kW power range
- Coloured phase assignment of socket inserts
- Measurement of: current, power (effective, apparent and reactive power), energy consumption, voltage, frequency,
- power factor, N conductor
- Measurement per phase
- Option for connecting external sensors (temperature / air humidity)
- Operated locally or using web browser via Ethernet port
- Protocols: HTTP, SNMP, Ethernet 10/100 MBit/s, DHCP, NTP
- Accuracy of measurement +/- 1 %
- Internal consumption < 4 W

BlueNet BN3000 master / slave
16 - 32 A / 230 - 400 V / 50 Hz



BlueNet allows different kinds of PDUs to be connected to a bus.
The rack equipment options therefore remain flexible.

BlueNet BN3000 master / slave

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

NEW	Article number	Article number for slave variant	Cable type	Cable cross-section mm²	Cable length (m)	Plug	Phase(s)	Rated voltage (V)	Current (A)	Max power in kVA	C13	C19	SOEC**	Outlets in total
	802.3004	802.3004-S	H05VV-F	2.5	3	CEE*	1	230	16	3.7	16	4	0	20
	802.3005	802.3005-S	H05VV-F	4	3	CEE	1	230	32	7.4	16	4	0	20
	802.3006		H05VV-F	2.5	3	CEE	1	230	16	3.7	16	0	4	20
	802.3007		H05VV-F	4	3	CEE	1	230	32	7.4	16	0	4	20
	802.3008		H05VV-F	2.5	3	CEE	3	400	16	11.0	0	6	0	6
	802.3009		H05VV-F	4	3	CEE	3	400	32	22.1	0	6	0	6
	802.3010		H05VV-F	2.5	3	CEE	3	400	16	11.0	18	3	0	21
	802.3011		H05VV-F	2.5	3	CEE	3	400	16	11.0	18	0	3	21
	802.3012	802.3012-S	H05VV-F	2.5	3	CEE	3	400	16	11.0	24	6	0	30
	802.3013	802.3013-S	H05VV-F	4	3	CEE	3	400	32	22.1	24	6	0	30
	802.3014		H05VV-F	2.5	3	CEE	3	400	16	11.0	24	0	6	30
	802.3015		H05VV-F	4	3	CEE	3	400	32	22.1	24	0	6	30
	802.3016		H05VV-F	2.5	3	CEE	3	400	16	11.0	24	6	6	36

available from stock

802.3005

802.3010

802.3012

802.3013

Connecting cables for power supply

Art. no.	Cable colour	Cable cross-section mm²	Cable length (m)	Plug	Coupling
356.119	black	1.0	0.50	C14	C13
356.169	black	1.0	0.75	C14	C13
356.120	black	1.0	1.00	C14	C13
356.127	black	1.0	1.50	C14	C13
356.171	black	1.0	2.00	C14	C13
356.172	black	1.5	0.50	ECP*	C13
356.1721	black	1.5	0.75	ECP*	C13
356.1722	black	1.5	1.00	ECP*	C13
356.1723	black	1.5	1.50	ECP*	C13
354.127	black	1.5	2.00	ECP*	C13
356.1731	black	1.5	0.50	C20	C19
356.1732	black	1.5	0.75	C20	C19
356.1733	black	1.5	1.00	C20	C19
356.183	black	1.5	1.50	C20	C19
356.1735	black	1.5	2.00	C20	C19
356.1971	black	1.5	0.50	ECP*	C19
356.1972	black	1.5	0.75	ECP*	C19
356.1973	black	1.5	1.00	ECP*	C19
356.1974	black	1.5	1.50	ECP*	C19
356.1975	black	1.5	2.00	ECP*	C19
356.900	grey	1.0	0.50	C14	C13
356.901	grey	1.0	0.75	C14	C13
356.902	grey	1.0	1.00	C14	C13
356.903	grey	1.0	1.50	C14	C13
356.904	grey	1.0	2.00	C14	C13
356.905	grey	1.5	0.50	ECP*	C13
356.906	grey	1.5	0.75	ECP*	C13
356.907	grey	1.5	1.00	ECP*	C13
356.908	grey	1.5	1.50	ECP*	C13
356.909	grey	1.5	2.00	ECP*	C13
356.910	grey	1.5	0.50	C20	C19
356.911	grey	1.5	0.75	C20	C19
356.918	grey	1.5	1.00	C20	C19
356.935	grey	1.5	1.50	C20	C19
356.936	grey	1.5	2.00	C20	C19
356.937	grey	1.5	0.50	ECP*	C19
356.938	grey	1.5	0.75	ECP*	C19
356.939	grey	1.5	1.00	ECP*	C19
356.940	grey	1.5	1.50	ECP*	C19
356.941	grey	1.5	2.00	ECP*	C19

*ECP=earthing contact plug **SOEC=socket outlet with earthing contact

Maximum availability and safety
with BlueNet RESIDUAL CURRENT MONITORING (RCM)

Using residual current monitoring allows changes in the level of insulation to be detected at an early stage before protective devices are tripped by a high residual current, that puts people at risk and involves the risk of fire. This time advantage allows countermeasures to be planned and contributes to the high availability of the power supply and therefore the system. Thanks to the Bachmann BlueNet PDU, this residual current monitoring isn't just undertaken at central measuring points, but on the socket outlets of every consumer. This standard-compliant residual current technology, the result of a joint development with Bender, 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. The new BlueNet residual current PDU is therefore particularly suited to use in IT.

Permanent monitoring is absolutely essential in modern information technology. Continuous monitoring equipment reduces the work involved in statutory repeat tests. In accordance with accident prevention guidelines (BGV A3), the testing dates for measuring insulation can be adapted to suit actual circumstances and optimise costs using permanent RCM. DIN VDE 0100-410 (Protective measures – protection from electric shock) is also applied as prescribed by law for final circuits of up to 20 A without use of an RCD, which may result in undesired switching off.

The BlueNet residual current monitor is able to record residual currents of 5 mA and higher. Residual current activation values can be set in the BlueNet software. BlueNet Software reliably signals instances where these values are exceeded. All measured values are transferred to superordinate monitoring systems via the Ethernet interface. A local display in the PDU also provides information about all important measured values. This setup ensures that the availability of the power supply has absolute priority at all times and that the system is not unexpectedly cut off in the event of errors.

The BlueNet technology also allows a master-slave network to be installed, saving installation costs and minimising the administration work involved.

The benefits at a glance

Greater safety for people, operations and systems:

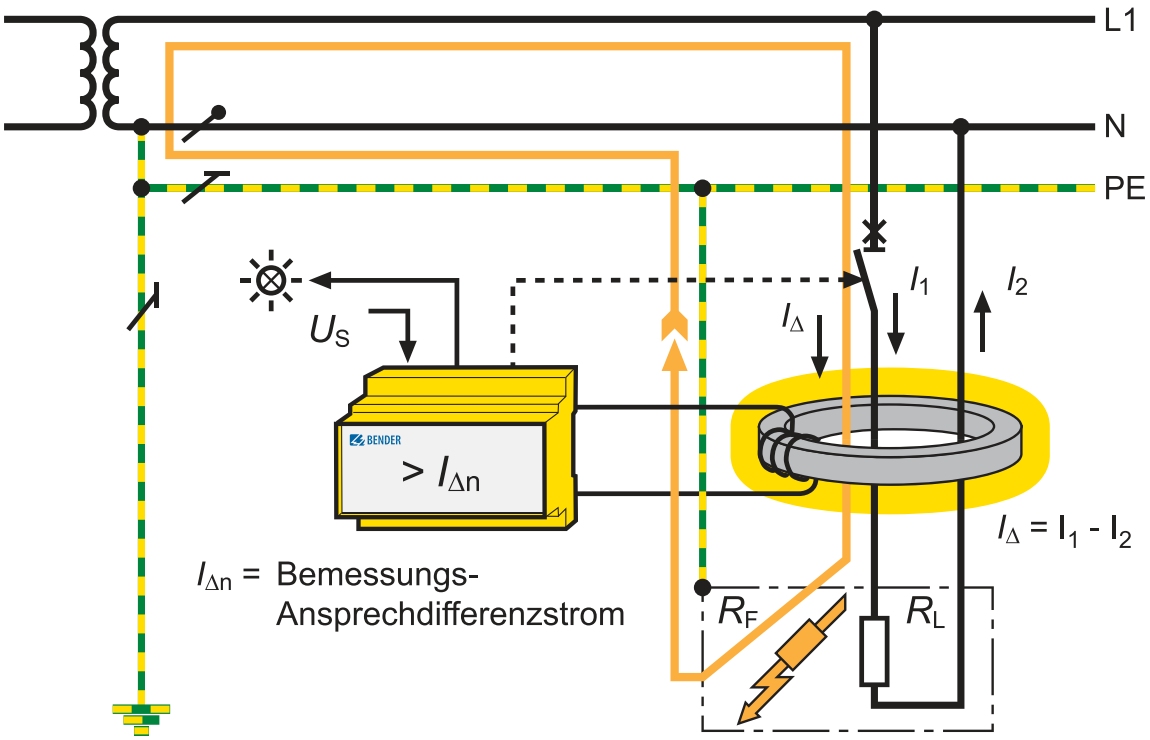
- Early detection of data loss and network failure
- DIN VDE 0100-410 is applied as prescribed by law for final circuits of up to 20 A without use of an RCD
- Recording of residual currents at the consumer socket outlet directly for the fastest possible error localisation
- Preventative safety to protect people from the hazards caused by electric current
- Faults and unexpected interruptions to the operation of sensitive equipment are minimised
- Insulation errors in newly installed systems and devices are detected immediately
- Permanent monitoring of systems and operating equipment
- TN-S systems are monitored for additional unwanted N-PE bridges

More cost-effective

- Continuous monitoring equipment reduces the work involved in repeat tests. In accordance with §5 of the accident prevention guidelines BGV A3, the testing dates for measuring insulation can be adapted to suit actual circumstances using permanent RCM
- No expensive and unscheduled system downtimes and service interventions

Greater fire protection

- Combustible residual currents are recognised as they arise



BENDER TECHNOLOGY INCLUDED

Article number	Article number for slave variant	Cable type	Cable cross-section mm²	Cable length (m)	Plug	Phase(s)	Rated voltage (V)	Current (A)	Max power in kVA	C13	C19	SOEC**	Outlets in total	from stock
802.3022		H05VV-F	2.5	3	CEE	3	400	16	11.0	18	3	0	21	OR
802.3023		H05VV-F	2.5	3	CEE	3	400	16	11.0	18	0	3	21	OR
802.3024	802.3024-S	H05VV-F	2.5	3	CEE	3	400	16	11.0	24	6	0	30	OR
802.3025	802.3025-S	H05VV-F	4	3	CEE	3	400	32	22.1	24	6	0	30	OR

NEW

802.3022

802.3024

802.3025

**SOEC=socket outlet with earthing contact OR = on request

BlueNet Switched
Power distribution units

- Socket outlets can be switched individually
- Safe zero-voltage switching
- Integrated LED switching status check per port
- Integrated Ethernet connection
- Operated via a web browser
- Includes the following protocols: HTTP, HTTPS, SNMP, SMTP, NTP, SSH
- Robust aluminium housing

329.704

BlueNet Switched PDU 1-phase (16 A / 230 V / 50 Hz)

	Art. no.	Version	Dimensions (L x W x D)
	BlueNet Switched 1-phase		
	19", 2.0 m H05VV-F 3G 1.50 mm², black, with right angle plug with earthing contact		
V	329.700	· 8 x IEC320 non-heating appliance socket C13	482.6 x 44 x 199 mm
	329.702	· 6 x socket outlet with earthing contact	482.6 x 44 x 199 mm
	Zero U Space, 2.0 m H05VV-F 3G 1.50 mm², black, with right angle plug with earthing contact		
V	329.701	· 16 x IEC320 non-heating appliance socket C13	692 x 44 x 199 mm

BlueNet Switched PDU 3-phase (3 x 32 A / 400 V / 50 Hz)

- In the 32 A versions of the Switched PDUs, each 32 A per phase is split over two groups of pots with two MCBs.

Art. no.	Version	Dimensions (L x W x D)
BlueNet Switched 3-phase		
3.0 m Ölflex 3G 4 mm², black, with CEE plug 32 A red		
329.704	· 12 x IEC320 non-heating appliance socket C19	1202 x 44 x 207 mm

V Lockable socket outlets

BlueNet Managed
Power distribution units

- Socket outlets can be switched individually
- Safe zero-voltage switching
- Integrated LED switching status check per port
- Integrated Ethernet connection
- Operated via a web browser
- Integrated measurement of current, effective power, voltage, frequency and phase angle
- Includes the following protocols: HTTP, HTTPS, SNMP, SMTP, NTP, SSH
- Robust aluminium housing
- Illuminated LCD

329.802

BlueNet Managed PDU

Art. no.	Version	Dimensions (L x W x D)	
BlueNet Managed 1-phase			
3.0 m H05VV-F 3G1.5 mm²			
329.806	· 4 x socket outlet with earthing contact	482.6 x 44 x 207 mm	V

BlueNet Managed PDU 3-phase (3 x 32 A / 400 V / 50 Hz)

- In the 32 A versions of the Managed PDUs each 32 A phase is split over two groups of pots with two MCBs.

Art. no.	Version	Dimensions (L x W x D)	
BlueNet Managed 3-phase			
3.0 m H05VV-F 5G 4 mm², black, with CEE plug 32 A red			
329.800	· 24 x IEC320 non-heating appliance socket C13 · 6 x IEC320 non-heating appliance socket C19	1713 x 44 x 207 mm	V
329.801	· 12 x IEC320 non-heating appliance socket C19	1202 x 44 x 207 mm	
329.802	· 24 x socket outlet with earthing contact	1713 x 44 x 207 mm	

BlueNet BN2000 Inline

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

BlueNet
Efficient Power Management

The BlueNet BN2000 Inline is an easy-to-install intelligent system for monitoring and displaying energy use. The product is particularly suited to data centres and industrial applications. The BlueNet BN2000 Inline can be quickly and cheaply integrated in existing and new infrastructures using the integrated terminal block or the connection cable that has already been fitted.

The benefits at a glance

- Integrated measurement of current, voltage, frequency, effective, apparent and reactive power and power factor
- Integrated Ethernet connection
- Operated via a web browser
- Protocols: HTTP, SNMP, Ethernet 10/100 MBit/s, DHCP, NTP
- Display on backlit rolling LC display
- Integrated temperature sensor
- Up to 2 sensors can be connected (see page 55)
- Robust enclosure in steel plate
- High-resolution TFT display
- Software can be used to turn the display to make it easier to read
- Can be reconnected with terminal block
- Removable mounting plate for cable ducts or wall mounting

Designed for use in production, the BlueNet BN2000 Inline series is ideal for production facilities.

BlueNet BN2000 Inline

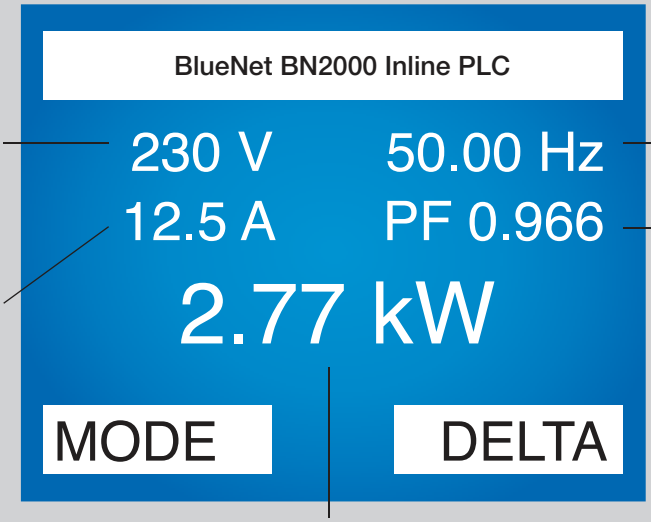
Art. no.	Phases	Voltage V	Current A	Power in kVA	from stock	Dimensions (mm)
329.3032	1	230	16	3.7	yes	232 x 104 x 102
329.3033	3	400	16	11.0	yes	232 x 104 x 102
329.3037	3	400	32	22.1	yes	232 x 104 x 102

329.3032

329.3033

BlueNet BN2000 accessories

Art. no.	Description
BlueNet BN2000 accessories	
329.3104	· Combined temperature and humidity sensor 2.0 m cable



Mains voltage (V)
Displays the voltage of the incoming mains supply to which the power meter is connected.

Current (A)
The current now being drawn by the connected devices.

Frequency (Hz)
Current mains frequency

Power factor
Displays the power factor.

Power measurement (kW)
The effective power drawn by the consumers, taking the phase angle into account. Power consumption of the connected devices.

BlueNet BN2000 Inline PLC

(PowerLine communication)
16 - 32 A / 230 - 400 V / 50 Hz

The BlueNet BN2000 Inline is an easy-to-install intelligent system for monitoring and displaying energy use. The product is particularly suited to data centres and industrial applications. The BlueNet BN2000 Inline can be quickly and cheaply integrated in existing and new infrastructures using the integrated terminal block or the connection cable that has already been fitted.

The benefits at a glance

- Integrated measurement of current, voltage, frequency, effective, apparent and reactive power and power factor
- Integrated Ethernet connection
- Operated via a web browser
- Protocols: HTTP, SNMP, Ethernet 10/100 MBit/s, DHCP, NTP
- Display on backlit rolling LC display
- Integrated temperature sensor
- Up to 2 sensors can be connected
- Robust enclosure in steel plate
- High-resolution TFT display
- Software can be used to turn the display to make it easier to read
- Can be reconnected with terminal block
- Removable mounting plate for cable ducts or wall mounting
- Other mounting plates available on request
- PowerLine Communication allows measurement data to be queried via the mains supply without an Ethernet connection

BlueNet BN2000 Inline PLC

Art. no.	Phases	Voltage V	Current A	Power in kVA	from stock	Dimensions (mm)
329.3060	1	230	16	3.7	OR	232 x 104 x 102
329.3061	3	400	16	11.0	OR	232 x 104 x 102
329.3062	1	230	32	7.4	OR	232 x 104 x 102
329.3063	3	400	32	22.1	OR	232 x 104 x 102

329.3060

329.3061

BlueNet PowerLine Concentrator

The BlueNet PowerLine Concentrator collects the data from the PowerLine PDUs and supplies it to the network via the Ethernet interface.

Art. no.	Version
BlueNet Concentrator with PowerLine communications module	
19" housing	
329.3117	· 2 x 3 phase / 400 V

BlueNet BN2000 accessories

Art. no.	Description
BlueNet BN2000 accessories	
329.3104	· Combined temperature and humidity sensor 2.0 m cable

BlueNet Power Unit 2 U

(Modular) 16 - 32 A / 230 - 400 V / 50 Hz

The BlueNet Power Unit offers a modular platform for power distribution in data centres.
The Power Unit base unit provides power distribution in the rack. If necessary, the measurement module can be retrofitted or replaced during operation without interrupting the supply.

The benefits at a glance

- 3.6 kW - 44 kW power range, 1 phase (CEE or IEC320) or 3 phases
- 2 galvanically isolated infeeds (16 - 32 A / 230 - 400 V)
- Up to four outputs on the rear (IEC320 or CEE)
- Measurement of: current per phase & in total, effective power per phase & in total, voltage, frequency, phase angle
- Energy consumption, N conductor
- Operated via web browser
- Active issuing of alarms by e-mail or SNMP Trap
- Encrypted data communication
- Protocols: HTTP, HTTPS, SNMP, SMPT, NTP, SSH, Ethernet 100 MBit/s
- Display on backlit rolling LC display
- Robust 19" enclosure in steel plate with just 2 U
- Accuracy of measurement +/- 1 %

BlueNet Power Unit

The measurement module can be replaced during operation without interrupting the supply to the connected devices.

2 U high, 19" wide (1 U is 44.45 mm)

Current, effective power, voltage, frequency, phase angle and energy can be read from the LC display on the front of the unit. LEDs indicate whether there is voltage present on each of the phases.

A built-in Ethernet port lets you export readings and set alarm thresholds via a web browser or SNMP.

Two galvanically isolated infeeds

Power measurement (kW)
The effective power drawn by the consumers, taking the phase angle into account. Power consumption of the connected devices.

Mains voltage (V)
Displays the voltage of the incoming mains supply to which the power meter is connected.

Phase angle
Displays the phase shift in the power network.

Frequency (Hz)
Current mains frequency

Current (A)
The current now being drawn by the connected devices.

Phase indicator (P)
Shows the phase (1, 2 or 3) currently being measured. Display moves automatically through the phases showing their respective measured values.

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

BlueNet Power Unit

16 A / 230 V / 50 Hz

Sample system for 2 x 16 A/230 V = 7.2 kW (1.8kW per C19 output)

BlueNet Power Unit with measurement module
Art. no. 329.9015 and 329.9010

Supply A
16 A / 400 V / 50 Hz

BlueNet Power Unit with measurement module
Art. no. 329.9015 and 329.9010

Supply B
16 A / 400 V / 50 Hz

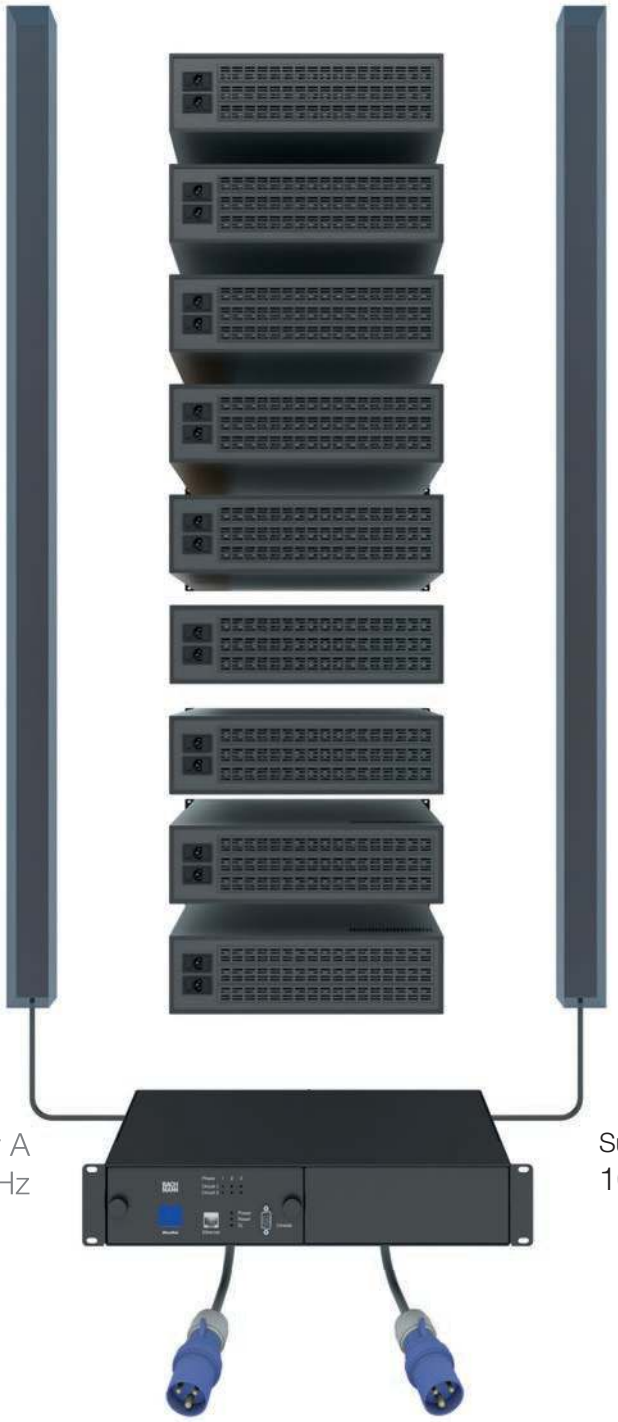
Plug-in energy distribution system including measurement module for blade systems, switches etc. with high power consumption per port.
2 x C20 inputs and 2 x C19 outputs on the rear.

The benefits at a glance

- Up to 4 consumers can be directly connected via C19 plugs
- Ideal for combination with blade PDUs or a smaller number of servers in the rack
- 2 galvanically isolated C20 infeeds, 400 V / 16 A / 50 Hz each
- Measurement module can be replaced during operation (plug-and-play)
- Integrated power metering
- Ethernet interface with integral web server
- Excellent value for money
- Modest space requirement (2 U)

Upgrade solution

Sample system for 2 x 16 A / 230 = 7.2 kW (3.6 kW per CEE output)



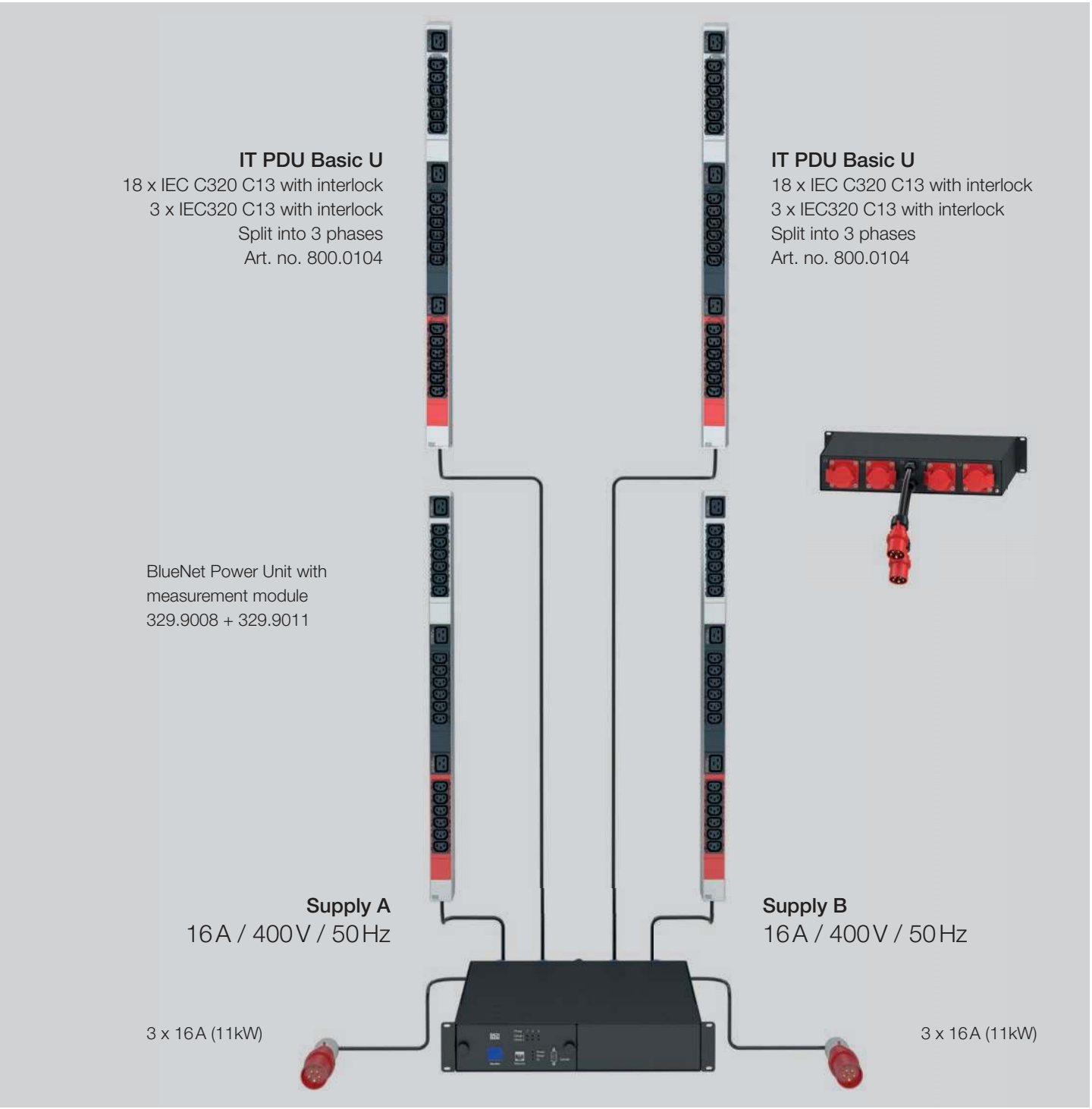
BlueNet Power Unit with measurement module
Art. no. 329.9014 and 329.9010

Supply A
16 A / 400 V / 50 Hz

Supply B
16 A / 400 V / 50 Hz

The benefits at a glance

- 2 galvanically isolated infeeds, 400 V / 16 A / 50 Hz each
- Measurement module can be replaced during operation (plug-and-play)
- Modest space requirement (2 U)
- Easy to upgrade using plug connector
- Phase-level monitoring (current, voltage, power, power factor)
- Monitoring of neutral conductor



BlueNet Power Unit

16 A / 400 V / 50 Hz
Sample system for 2 x 3 x 16 A/400 V = 22 kW (5.5kW per Basic PDU)

The benefits at a glance

- Up to 4 consumers can be directly connected via C19 plugs
- Up to 4 multiple-socket outlets can be connected
- Ideal for combination with blade PDUs or a smaller number of servers in the rack
- 2 galvanically isolated C20 infeeds, 400 V / 16 A / 50 Hz each
- Measurement module can be replaced during operation (plug-and-play)
- Integrated power metering
- Ethernet interface with integral web server
- Excellent value for money
- Modest space requirement (2 U)

IT PDU Basic U
36 x IEC C320 C13 with interlock
Split into 3 phases
Art. no. 800.0102

IT PDU Basic U
36 x IEC C320 C13 with interlock
Split into 3 phases
Art. no. 800.0102

Supply A
32 A / 400 V / 50 Hz

Supply B
32 A / 400 V / 50 Hz

BlueNet Power Unit with measure-
ment module 329.9012 + 329.9011

Sample system for 2 x 3 x 32 A / 400 V = 44 kW (11kW per Basic PDU)

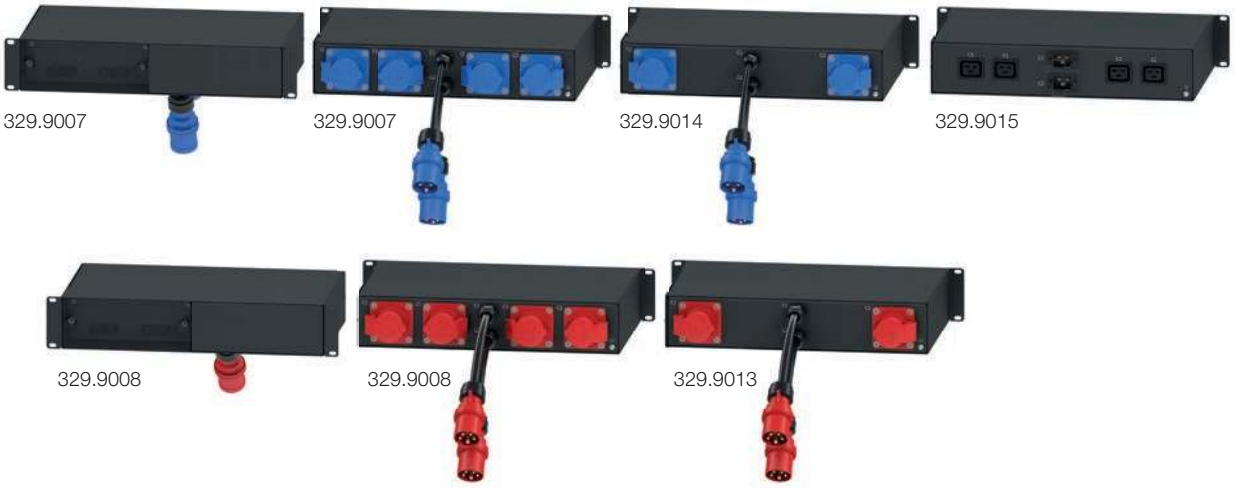
The benefits at a glance

- Ideal for combination with PDUs with built-in MCB C16A circuit breakers
- Up to 4 multiple-socket outlets can be connected
- Cabling and installation kept to a minimum with 400 V / 32 A supply cables
- 2 galvanically isolated CEE infeeds, 400 V / 16 A / 50 Hz each
- Measurement module can be replaced during operation (plug-and-play)
- Integrated power metering
- Ethernet interface with integral web server
- Excellent value for money
- Modest space requirement (2 U)

The measurement module can be replaced during operation without interrupting the supply to the connected devices.

BlueNet Power Unit base unit (measurement module is available separately)

Art. no.	Input	Output
BlueNet Power Unit		**482.6 x 88 x 317 mm**
2 x 1 phase 230 V		
329.9007	· 2 x 3.0 m CEE 16 A / 230 V	· 4 x CEE 16 A / 230 V
329.9014	· 2 x 3.0 m CEE 16 A / 230 V	· 2 x CEE 16 A / 230 V
329.9015	· 2 x C20 16 A / 230 V	· 4 x C19 16 A / 230 V
329.9016	· 2 x C20 16 A / 230 V	· 2 x C19 16 A / 230 V
2 x 3 phase 400 V		
329.9008	· 2 x 3.0 m CEE 16 A / 400 V	· 4 x CEE 16 A / 400 V
329.9013	· 2 x 3.0 m CEE 16 A / 400 V	· 2 x CEE 16 A / 400 V
329.9009	· 2 x 3.0 m CEE 32 A / 400 V	· 4 x CEE 32 A / 400 V
329.9012	· 2 x 3.0 m CEE 32 A / 400 V	· 2 x CEE 32 A / 400 V



BlueNet Power Unit (measurement module)

Art. no.	Version
BlueNet Power Unit Monitored Plus	
with integrated Ethernet interface	
329.9010	· 16 - 32 A / 230 V
329.9011	· 16 - 32 A / 400 V

BlueNet Power Unit set (base unit + measurement module)

Art. no.	Input	Output
BlueNet Power Unit		**482.6 x 88 x 317 mm**
2 x 1 phase 230 V		
329.9001	· 2 x 3.0 m CEE 16 A / 230 V	· 4 x CEE 16 A / 230 V
2 x 3 phase 400 V		
329.9002	· 2 x 3.0 m CEE 16 A / 400 V	· 4 x CEE 16 A / 400 V
329.9003	· 2 x 3.0 m CEE 32 A / 400 V	· 4 x CEE 32 A / 400 V

The measurement module can be replaced during operation without interrupting the supply to the connected devices.

2 U high, 19" wide (1 U is 44.45 mm)

Current, effective power, voltage, frequency, phase angle and energy can be read from the LC display on the front of the unit. LEDs indicate whether there is voltage present on each of the phases.

A built-in Ethernet port lets you export readings and set alarm thresholds via a web browser or SNMP.

Up to 12 miniature circuit breakers provide optimum protection and access in the rack itself.

BlueNet Power Unit 3 U

including integrated fuses (modular)

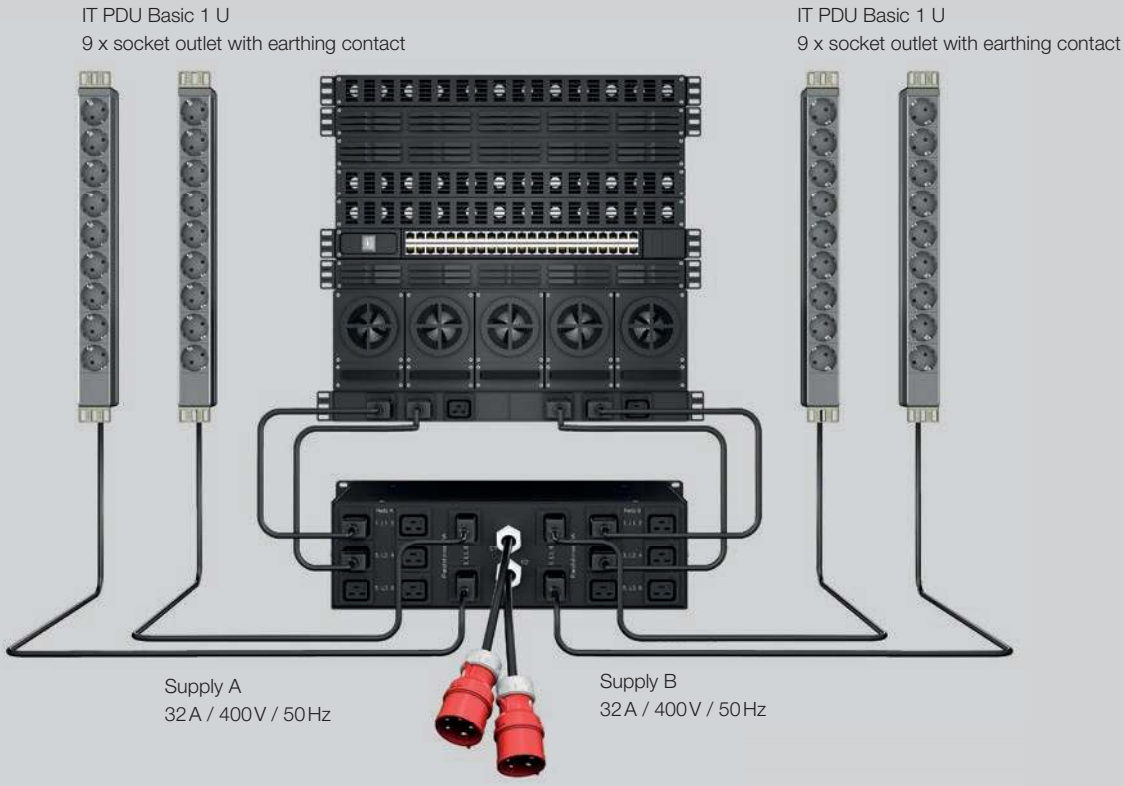
16 - 32 A / 230 - 400 V / 50 Hz

BlueNet POWER UNIT offers a modular platform for power distribution in data centres.
The POWER UNIT base unit provides power distribution in the rack. If necessary, the measurement module can be retrofitted or replaced during operation without interrupting the supply.
Our 3 U Power Unit is a modular platform for meeting the individual needs of modern data centres.

The benefits at a glance

- 3.6 kW - 44 kW power range, 1 phase (CEE or IEC320) or 3 phases,
- 2 galvanically isolated infeeds (16 - 32 A / 230 - 400 V)
- Measurement of: current per phase & in total, effective power per phase & in total, voltage, frequency, phase angle, energy consumption, N conductor
- Operated via web browser
- Active issuing of alarms by e-mail or SNMP Trap
- Encrypted data communication
- Protocols: HTTP, SNMP, Ethernet 10/100 MBit/s, DHCP, NTP
- Display on backlit rolling LC display
- Robust 19" enclosure in steel plate
- Accuracy of measurement +/- 1 %
- Fused with up to 12 circuit breakers
- Integrated fuse monitoring

BlueNet Power Unit 32 A / 400 V / 50 Hz



BlueNet Power Unit 3 U with
measurement module
329.9024 + 329.9022

BlueNet Power Unit 3 U (basic unit)

including 12 integrated C16A miniature circuit breakers (measurement module available separately)

Art. no.	Input	Output
BlueNet Power Unit 3 U base unit		**482.6 x 88 x 317 mm**
2 x 32 A / 400 V		
329.9024	· 2 x 3 m CEE 32 A / 400 V	· 16 x IEC320 C19 with IEC lock

BlueNet Power Unit 3 U (basic unit + measurement module)

Art. no.	Input
BlueNet Power Unit 3 U measurement module	
with integrated Ethernet interface	
329.9022	· 16 - 32 A / 400 V

The benefits at a glance

- Up to 16 consumers or PDUs can be directly connected via C19 plugs
- Ideal for use in the Blade Center Rack or racks which combine Blade Centers and regular servers
- 2 galvanically isolated infeeds, 400 V / 32 A / 50 Hz each
- Measurement module can be replaced during operation (plug-and-play)
- Phase-level monitoring (current, voltage, power, power factor)
- Ethernet interface with integral web server
- Excellent value for money

Accessories

Mounting kits for IT PDUs

· The brackets are screwed to the PDU end cap using a screw connection (screws provided).

Art. no.	Version
1 U mounting brackets	
940.142	· Mounting brackets left and right
> 1 U mounting brackets	
940.096	· Mounting brackets left and right

Mounting brackets for VM profile variant / universal installation

· Power strip is fixed by insertion into the profile groove provided
· No additional screws required

Art. no.	Version
1 U mounting brackets	
940.141	· Mounting brackets left and right
1 U mounting brackets	
940.143	· Mounting brackets left and right
1 U link	
800.0053	· For connecting two vertically fitted PDUs

Locking clip

Art. no.	Version
Locking clips	
940.103	· Red locking clip for IEC 320 non-heating appliance socket outlets C13, supplied in packs of 12

Connecting cables for power supply

Art. no.	Cable colour	Cable cross-section mm²	Cable length (m)	Plug	Coupling
356.119	black	1.0	0.50	C14	C13
356.169	black	1.0	0.75	C14	C13
356.120	black	1.0	1.00	C14	C13
356.127	black	1.0	1.50	C14	C13
356.171	black	1.0	2.00	C14	C13
356.172	black	1.5	0.50	ECP*	C13
356.1721	black	1.5	0.75	ECP*	C13
356.1722	black	1.5	1.00	ECP*	C13
356.1723	black	1.5	1.50	ECP*	C13
354.127	black	1.5	2.00	ECP*	C13
356.1731	black	1.5	0.50	C20	C19
356.1732	black	1.5	0.75	C20	C19
356.1733	black	1.5	1.00	C20	C19
356.183	black	1.5	1.50	C20	C19
356.1735	black	1.5	2.00	C20	C19
356.1971	black	1.5	0.50	ECP*	C19
356.1972	black	1.5	0.75	ECP*	C19
356.1973	black	1.5	1.00	ECP*	C19
356.1974	black	1.5	1.50	ECP*	C19
356.1975	black	1.5	2.00	ECP*	C19
356.900	grey	1.0	0.50	C14	C13
356.901	grey	1.0	0.75	C14	C13
356.902	grey	1.0	1.00	C14	C13
356.903	grey	1.0	1.50	C14	C13
356.904	grey	1.0	2.00	C14	C13
356.905	grey	1.5	0.50	ECP*	C13
356.906	grey	1.5	0.75	ECP*	C13
356.907	grey	1.5	1.00	ECP*	C13
356.908	grey	1.5	1.50	ECP*	C13
356.909	grey	1.5	2.00	ECP*	C13
356.910	grey	1.5	0.50	C20	C19
356.911	grey	1.5	0.75	C20	C19
356.918	grey	1.5	1.00	C20	C19
356.935	grey	1.5	1.50	C20	C19
356.936	grey	1.5	2.00	C20	C19
356.937	grey	1.5	0.50	ECP*	C19
356.938	grey	1.5	0.75	ECP*	C19
356.939	grey	1.5	1.00	ECP*	C19
356.940	grey	1.5	1.50	ECP*	C19
356.941	grey	1.5	2.00	ECP*	C19

*ECP=earthing contact plug

Locking cap IEC320 C13 & C19

Art. no.	Version
Connecting cable for interlock	
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

RackFix tool-free mounting on 19" rail

· Self-locking fixing connector for tool-free fastening of PDUs in 19" rack

Art. no.	Version
RackFix tool-free rack fastening	
940.166	· Fixing clip, supplied in packs of 50
940.167	· Disassembly tool for fixing clip

Shift inhibitor

· To protect against unintentional actuation of miniature or residual current circuit breakers

Art. no.	Version
Shift inhibitor	
940.140	· Activation lock for circuit breakers and single-pole switches, to protect against operation of switch lever where unauthorised or dangerous

Data cables –> Transfer of data within various categories

Art. no.	Length	Version
CAT5e patch cable plug/plug		
918.003	1.0 m	· CAT5e cable, shielded, colour grey
940.052	3.0 m	· Conforms to ISO / IEC 11801 and EN 50173
940.053	5.0 m	· Ends 1 and 2: RJ45 plug with protective rubber sleeve and protective tongue for interlock
		· Suitable for e.g. CAT5e socket / socket 940.057

CAT6 patch cable plug / plug		
940.040	3.0 m	· CAT6 cable, shielded, colour grey
940.041	5.0 m	· Conforms to ISO / IEC 11801 and EN 50173
		· Ends 1 and 2: RJ45 plug with protective rubber sleeve and protective tongue for interlock
		· Suitable for e.g. CAT6 socket / socket 940.044

CAT6a patch cable plug / plug		
918.006	1.0 m	· CAT7 cable, shielded, colour black
918.007	3.0 m	· Conforms to IEC 61156-6
918.008	5.0 m	· Ends 1 and 2: RJ45 Hirose TM12 CAT6a plug with protective rubber sleeve and unlocking tongue
		· Suitable for e.g. CAT6 socket / socket 940.044

CAT6a patch cable plug		
918.033	3.0 m	· CAT7 cable, shielded, colour black
918.034	5.0 m	· Conforms to IEC 61156-6
		· End 1: RJ45 Hirose TM12 CAT6a plug with protective rubber sleeve and unlocking tongue. End 2: CAT6a TKM 10 GB keystone socket.
		· Fits into keystone frame 917.000 / 917.001 / 917.061 / 917.062

RJ12 patch cable plug / plug		
940.089	3.0 m	· RJ12 cable, unshielded, colour black
		· Conforms to ISO / IEC 11801 and EN 50173
		· Ends 1 and 2: RJ12 plug with protective rubber sleeve
		· Suitable for e.g. RJ12 socket / socket 940.085

FACILITY SOLUTIONS

Desk connection panels

CONFERENCE 84

Practical power and data supply. Recessed in the top of the desk or table when not in use. Simply press down with your thumb to open the unit. Features a spring clip, can be closed once cables have been connected.

TOP FRAME 88

TOP FRAME is the new power and data supply solution for conference facilities.
Cover can be completely recessed, allowing power and data to be conveniently accessed from any seat around the table.

CONI 94

Unrestricted access to power and data at the table or desk. Integrated into the work surface together with connected cables. The integrated brush insert prevents cables jamming.

NEW **CONI DUO** 98

CONI twin pack. Designed especially for use with small meeting tables, which have energy and data connections on opposite sides.

CONI COVER 102

Elegant access to separate power supply units under the desk or table. Also ideal for retrofitting. Features integrated brush insert, can be closed even with connecting cables plugged in.

POWER FRAME COVER 104

The amazing evolution of the POWER FRAME. An elegant and attractive aluminium cover which matches the aesthetic of stylish offices or conference rooms.

POWER FRAME 106

For an integrated power and data supply to workstations. Versatile application options. The power strip simply clicks into the built-in frame.

TWIST 110

Exceptionally compact power strip and space-saving cable management. TWIST is flat enough not to interfere with units installed underneath. Winner of the Red Dot Product Design Award 2012 and other awards.

ELEVATOR 112

Designed for a standard hole diameter of 79 mm, ELEVATOR is a compact powerhouse. Recessed in the top of the desk or table when not in use, simply touch to raise.

LIFT 114

A practical combination of sophisticated looks and precision mechanical design. Recessed in the top of the desk or table when not in use. Simply touch to raise. Docking options on four sides.

DESK 1 118
Ideal where workstations have to be flexible. Modular design for individual configuration of communication and power supply connections. Fixed or free-standing installation.

DESK 2 128
The new generation of the Desk range, with superior design credentials. The modularity for which Bachmann is renowned ensures adaptability to future requirements.

STEP 134
For flexible power and data supply at workstations, in partition systems, false floors, etc. Consistent modularity means that the possibilities are virtually endless.

UNIVERSAL 140
Complete unit for electrical, data and media connections on desks and conference tables

Custom modules

Custom modules ..... 142 C
The word custom appears in this catalogue wherever the modules can be flexibly interchanged. Custom modules: Bachmann FACILITY SOLUTIONS can be adapted to perfectly match individual requirements for data, video and audio connections.

Media technology

Media Express 174
Plug-and-play for simplicity and efficiency

LanLight®, the smart supply system

LanLight® system overview 184
Modular building installation solution offering flexible supply to office workstations

Basic unit and inserts 188
Connecting plates for power and data

Lift covers 190
Modern floor boxes for dry-cleaned floors

Pillars 191
Mobile pillars for power and data distribution in raised and false floors

Consolidation points

CONSOLIDATION POINTS 192
Underfloor distributors for power and data

Accessories, cables & cable management 196

World of opportunities

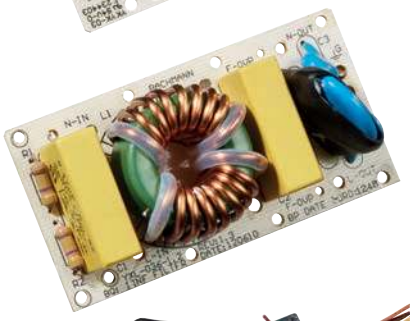
Function modules can be integrated ex factory

Anti-theft bracket

This stainless steel look bracket is a permanent fixture and allows a Kensington lock to be attached. Anti-theft protection for mobile hardware such as laptops, desktop PCs, projectors, LCD screens, tablets, etc.

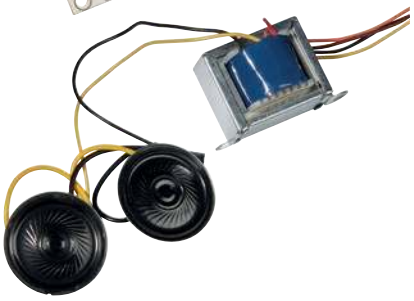
Overvoltage protection

These days the failure of electrical and electronic equipment is a real nightmare scenario. Protection against excess electric voltage is more important than ever for electrical and electronic equipment. "24/7 availability" is now essential for many users. Don't worry: the Bachmann strip with built-in overvoltage protection is 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.



Loudspeaker module

Make direct broadcasts - without making a lot of noise. A Bachmann loudspeaker module used for a presentation, video or phone conference allows you to make direct broadcasts. The overall volume of the indirect broadcast can therefore be reduced significantly. Our modules are available in 8 ohm and also 100 Vtechnology.

USB hub 3.0

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

USB 3.0 keystone module

The USB keystone module supports USB 3.0 and allows data to be transferred at high speed. Three different socket/socket combinations are available for different configurations.

USB charger

The USB charger component has 2 ports with max. 2.15 A.
Integrated in Bachmann products, the ability to charge mobile devices using the universal USB charger is very convenient and the integrated mains adaptor frees up socket outlets too.

Residual current circuit breaker / miniature circuit breaker

The residual current circuit breaker / miniature circuit breaker integrated in a Bachmann strip gives you peace of mind. The user can select between the two circuit breakers. But they can of course be combined too.

Data switch

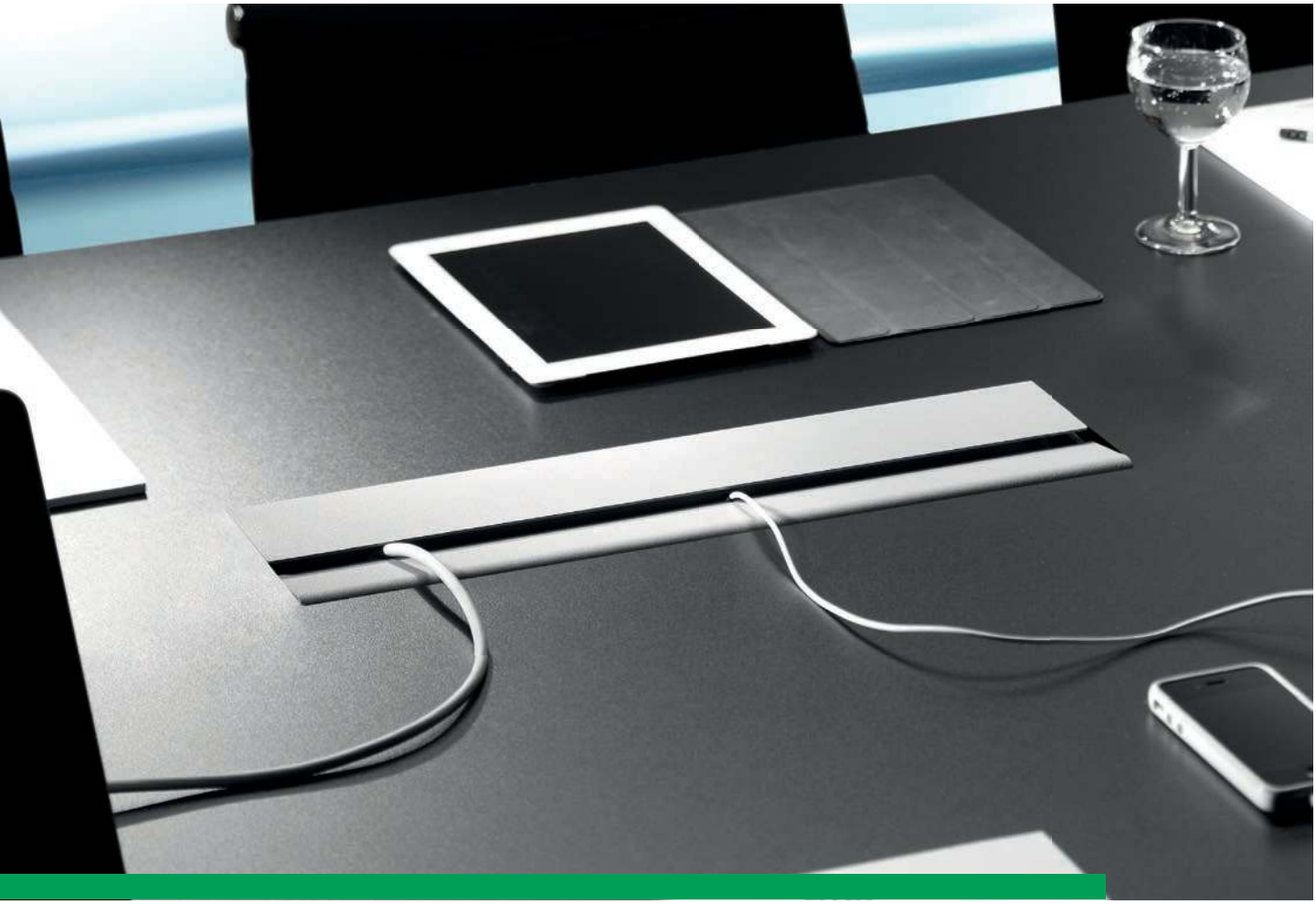
Small, compact and can be integrated in Bachmann power strips:
the high-speed network data switch provides PoE (Power over Ethernet) for selected devices.

Automatic switchoff

The automatic switchoff unit allows efficient savings in power consumption by modern-day office equipment during non-working hours. Switching equipment off completely is no longer left to chance: power saving now begins as soon as the workstation PC is shut down. The effectiveness of this system exceeds the savings possible with master-and-slave multiple-socket outlets, since virtually no standby current is drawn by the master device and total power consumption during on-working hours is zero.

You can also use the product configurator at bachmann.com

Bachmann products provide solutions that are as individual as life itself.



CONFERENCE
Setting a design standard

Ideal for conference and training desks, tables and high-grade workstations alike, CONFERENCE is a truly refined and discreet solution for individual access to power and data connections.

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

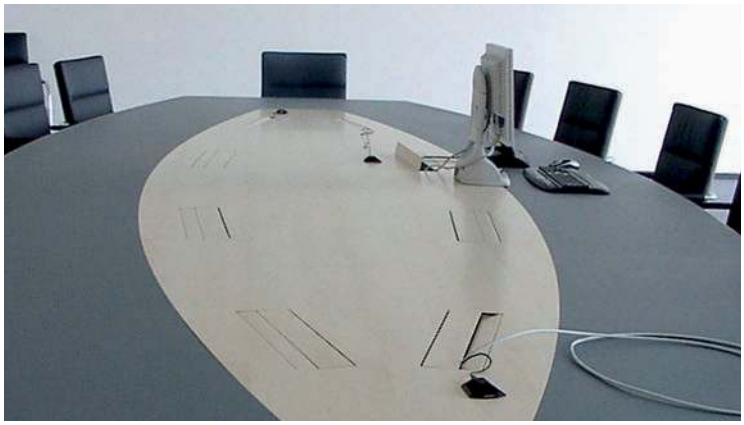
The benefits at a glance

- Integrated into your desktop or tabletop
- Simply press with your finger to open
- Flap can be closed with cables plugged in
- For both surface mounting (e.g. if retrofitting) and flush mounting
- Can be fitted flush with the tabletop
- Suitable for veneer finishing
- Configuration can be freely selected (see custom modules from page 136)
- Complete power strip can be quickly interchanged

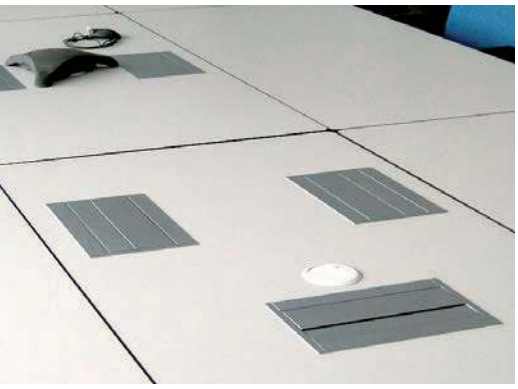
CONFERENCE built-in frames are available both for surface mounting (e.g. if retrofitting) and for flush mounting in the tops of desks and tables. When installed under a desk or table, the opening and closing flaps are flush with the tabletop or desktop. As we can supply flaps in virtually every coating imaginable, and even ready for veneer finishing, on request, CONFERENCE is able to meet the most stringent of requirements when it comes to design elegance and configuration harmony.

Select exactly which configuration of CONFERENCE data connections suits your particular requirements. Power strips can also be interchanged quickly, and at any time, without the need for tools. Maximum functionality and top-end design can therefore be adapted to advances in communication technology for many years to come.

Simply press with your finger to open CONFERENCE. Thanks to its flexible closing flap, the unit can even be closed once devices have been plugged in without crushing the cables.



CONFERENCE – as versatile as you need.



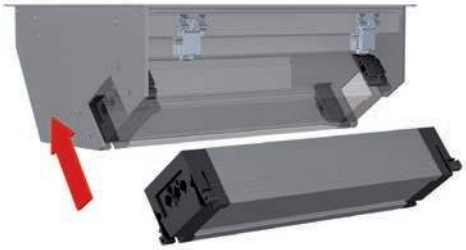
The dimensions of the cut-out are included in the frame packaging materials. They are also available by e-mail or can be downloaded from www.bachmann.com

Simple built-in frame fitting

The built-in frame is very easy to install - only standard tools are required. Simply cut a rectangular hole in the top of your desk or table.

Frameless

CONFERENCE under-table mounting frames (frameless) are fitted from the underside of the tabletop. Therefore, only the pivoting flaps are visible on the tabletop. The drawings showing how to accurately produce the table or desk cut-outs are supplied with the unit or can be found in the download area at .www.bachmann.com. If required, use the integrated bayonet catch to remove the flaps from the frame. You can also customise the flaps to match the finish of your tabletop up to 2 mm or desktop by applying a suitable veneer (this is not done ex works).



Power strip simply clicks into place

The power strip is not supplied with the built-in frame and must be ordered separately.
It simply clicks into the built-in frame (tools are not required).
Since the power strip can be interchanged at any time, the user is guaranteed long-term flexibility and adaptability to future requirements.

CONFERENCE with frame

- Chamfered side panels, can be flush-mounted on desk or table surface
- Includes quick-change mechanism for swapping power strips
- Includes fixing claws and fitting instructions with cut-out dimensions

Art. no.	Version
CONFERENCE built-in frame, short	**Moonstone metallic**
338.0201	· Outer dimensions: approx. 284.6 x 182.4 mm, built-in dimensions: approx. 268.6 x 166.4 mm · Built-in depth: 110 mm
CONFERENCE built-in frame, long	**Moonstone metallic**
338.0200	· Outer dimensions: approx. 466.1 x 182.4 mm, built-in dimensions: approx. 450.1 x 166.4 mm · Built-in depth: 110 mm
CONFERENCE built-in frame, short	**Silver grey, similar to RAL9006**
338.0219	· Outer dimensions: approx. 284.6 x 182.4 mm, built-in dimensions: approx. 268.6 x 166.4 mm · Built-in depth: 110 mm
CONFERENCE built-in frame, long	**Silver grey, similar to RAL9006**
338.0221	· Outer dimensions: approx. 466.1 x 182.4 mm, built-in dimensions: approx. 450.1 x 166.4 mm · Built-in depth: 110 mm
CONFERENCE built-in frame, short	**Chrome effect finish**
338.0210	· Outer dimensions: approx. 284.6 x 182.4 mm, built-in dimensions: approx. 268.6 x 166.4 mm · Built-in depth: 110 mm
CONFERENCE built-in frame, long	**Chrome effect finish**
338.0212	· Outer dimensions: approx. 466.1 x 182.4 mm, built-in dimensions: approx. 450.1 x 166.4 mm · Built-in depth: 110 mm

Figure: Similar colour used

CONFERENCE frameless

Art. no.	Version
CONFERENCE built-in frame for below table, short	**Silver grey, similar to RAL9006**
338.0231	· Dimensions (visible surface): approx. 261.5 x 119 mm · Built-in depth: 107 mm
CONFERENCE built-in frame for below table, long	**Silver grey, similar to RAL9006**
338.0230	· Dimensions (visible surface): approx. 442.5 x 119 mm · Built-in depth: 107 mm

You will find power strips suitable for CONFERENCE and TOP FRAME on pages 92 and 93

TOP FRAME

Perfect elegance

TOP FRAME is the new power and data supply solution for conference facilities. Cover can be completely recessed, allowing power and data to be conveniently accessed from any seat around the table. TOP FRAME's balanced geometry fits elegantly into the tabletop, so even high-quality veneers can be applied to the tables or desks.

TOP FRAME is also elegantly simple to open:
just press lightly with a finger and it opens and closes again - silently.

The benefits at a glance

- Access to power supply and data from any seat
- Opens silently
- Integrated into your desktop or tabletop
- Can be fitted flush with the tabletop
- Version with surround frame suitable for retrofitting
- Suitable for veneer finishing
- Configuration can be freely selected
- Complete power strip can be quickly interchanged

The surrounding frame also makes TOP FRAME ideal for retrofitting. The power strips can, of course, be interchanged in a flash and can be fitted with Bachmann's flexible custom modules.

Various different versions of TOP FRAME are available:
in EV1 anodised aluminium or silver grey similar to RAL 9006 powder-coated. Other surface finishes are available on request. A veneer of up to 0.6 mm can also be glued to the flap without having to adjust the dimensions of the cut-out.

The power strip clips into the frame without tools. A short version of the power strip with 4 modules, and a long version with 8 modules are available, to suit both TOP FRAME solutions.

TOP FRAME opens silently and can also be conveniently operated from the seat opposite.

TOP FRAME frameless

· Includes fixing accessories

Art. no.	Version
TOP FRAME base	**Black**
TOP FRAME base without flap, black powder-coated housing	
925.100	· 4-way · Dimensions (L x W x H): approx. 300 x 92 x 98 mm
925.101	· 8-way · Dimensions (L x W x H): approx. 482.5 x 92 x 98 mm

TOP FRAME cover	**blasted and EV1 anodised**
TOP FRAME blasted and anodised cover, with fixing screws	
925.0044	· 4-way · for mounting on TOP FRAME base (art. no. 925.100)
925.0034	· 8-way · for mounting on TOP FRAME base (art. no. 925.101)

TOP FRAME cover	**blasted and black anodised**
TOP FRAME blasted and black anodised cover, with fixing screws	
925.0047	· 4-way · for mounting on TOP FRAME base (art. no. 925.100)
925.0049	· 8-way · for mounting on TOP FRAME base (art. no. 925.101)

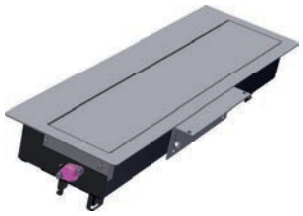
TOP FRAME cover	**EV1 anodised**
TOP FRAME EV1 anodised cover, with fixing screws	
925.0022	· 4-way · for mounting on TOP FRAME base (art. no. 925.100)
925.0023	· 8-way · for mounting on TOP FRAME base (art. no. 925.101)

TOP FRAME with frame

· Includes fixing accessories

Art. no.	Version
TOP FRAME, short	**Silver grey similar to RAL 9006**
Asymmetrical surround frame, for 4-way power strip	
925.500	· Aluminium flap, silver grey similar to RAL9006, black powder-coated housing · Dimensions (L x W x H): approx. 340.5 x 162 x 98.35 mm

TOP FRAME, long	**Silver grey similar to RAL 9006**
Asymmetrical surround frame, for 8-way power strip	
925.501	· Aluminium flap, silver grey similar to RAL9006, black powder-coated housing · Dimensions (L x W x H): approx. 523 x 162 x 110 mm



TOP FRAME, short	**Silver grey similar to RAL 9006**
Symmetrical surround frame, for 4-way power strip	
925.800	· Aluminium flap, silver grey similar to RAL9006, black powder-coated housing · Dimensions (L x W x H): approx. 400.5 x 192 x 98.35 mm

TOP FRAME, long	**Silver grey similar to RAL 9006**
Symmetrical surround frame, for 8-way power strip	
925.801	· Aluminium flap, silver grey similar to RAL9006, black powder-coated housing · Dimensions (L x W x H): approx. 583 x 192 x 98.35 mm

You will find power strips suitable for CONFERENCE and TOP FRAME on the next two pages

4-way power strips for CONFERENCE / TOP FRAME

Power cables and custom modules are available separately. See glossary for country-specific information.

Art. no.	Version
U C	**4-way: 3 x custom module + power socket outlet** — **Length: approx. 260 mm**
	Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket
909.002	· 1 x socket outlet with earthing contact, shuttered, black, set at 35°
909.025	· 1 x French / UTE socket outlet, shuttered, black, set at 35°
909.028*	· 1 x Swiss / CH socket outlet, black, set at 0°
909.065*	· 1 x Italian / earthing contactcombination, black, set at 35°

C	**4-way: 2 x custom module + power socket outlets** — **Length: approx. 260 mm**
	Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket
909.003	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°
909.010	· 2 x French / UTE socket outlet, shuttered, black, set at 35°
909.017	· 2 x Swiss / CH socket outlet, black, set at 0°
909.029	· 2 x Italian / earthing contact combination, black, set at 35°

C	**4-way: 1 x custom module + power socket outlets** — **Length: approx. 260 mm**
	Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket
909.004	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°
909.011	· 3 x French / UTE socket outlet, shuttered, black, set at 35°
909.058*	· 3 x Italian / earthing contact combination, black, set at 35°
909.0023*	· 2 x UK 3.15 A individually fused, shuttered, black, set at 45°
	Anodised aluminium profile; 0,3 m GST18 extension
909.018	· 4 x Swiss / CH socket outlet, black, set at 0°, incl. Wieland T distributor

C	**4-way: 4 x custom module** — **Length: approx. 260 mm**
	Anodised aluminium profile; without power connection
909.000	· without socket outlets

U C	**4-way: 1 x USB double charger (5.2 V/2.15 A) + custom modules + power socket outlets** — **L: approx. 260 mm**
	Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket
909.0056	· 2 x socket outlet with earthing contact, shuttered, black, set at 35° · 1 x USB double charger, 1 x custom module
909.0059	· 2 x French / UTE socket outlet, shuttered, black, set at 35° · 1 x USB double charger, 1 x custom module

8-way power strips for CONFERENCE / TOP FRAME

Power cables and custom modules are available separately. See glossary for country-specific information.

Art. no.	Version
U C	**8-way: 1 x USB double charger (5.2 V/2.15 A) + custom modules + power socket outlets** — **L: approx. 444 mm**
	Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket
909.0057	· 3 x socket outlet with earthing contact, shuttered, black, set at 35° · 1 x USB double charger, 4 x custom module
909.0060	· 3 x French / UTE socket outlet, shuttered, black, set at 35° · 1 x USB double charger, 4 x custom module
909.0058	· 3 x UK 3.15 A individually fused, shuttered, black, set at 45° · 1 x USB double charger, 2 x custom module

* No storage type

U USB double charger for mobile devices C Custom module

8-way power strips for CONFERENCE / TOP FRAME

Power cables and custom modules are available separately. See glossary for country-specific information.

Art. no.	Version
8-way: 6 x custom module + power socket outlet	**Length: approx. 444 mm** C
Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket	
909.005	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°
909.012	· 2 x French / UTE socket outlet, shuttered, black, set at 35°
909.033*	· 2 x Swiss / CH socket outlet, black, set at 0°

8-way: 5 x custom module + power socket outlet	**Length: approx. 444 mm** C
Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket	
909.006	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°
909.013	· 3 x French / UTE socket outlet, shuttered, black, set at 35°
909.0029	· 2 x UK 3.15 A individually fused, shuttered, black, set at 45°

8-way: 4 x custom module + power socket outlet	**Length: approx. 444 mm** C
Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket	
909.007	· 4 x socket outlet with earthing contact, shuttered, black, set at 35°
909.014	· 4 x French / UTE socket outlet, shuttered, black, set at 35°
909.019*	· 5 x Swiss / CH socket outlet, black, set at 0°
909.050*	· 4 x Italian / earthing contact combination, black, set at 35°
909.0028	· 2 x UK 3.15 A individually fused, shuttered, black, set at 45°

8-way: 3 x custom module + power socket outlet	**Length: approx. 444 mm** C
Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket	
909.008	· 5 x socket outlet with earthing contact, shuttered, black, set at 35°
909.015	· 5 x French / UTE socket outlet, shuttered, black, set at 35°
909.020*	· 6 x Swiss / CH socket outlet, black, set at 0°
909.0027	· 3 x UK 3.15 A individually fused, shuttered, black, set at 45°

8-way: 2 x custom module + power socket outlet	**Length: approx. 444 mm** C
Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket	
909.009	· 6 x socket outlet with earthing contact, shuttered, black, set at 35°
909.016	· 6 x French / UTE socket outlet, shuttered, black, set at 35°
909.0026	· 4 x UK 3.15 A individually fused, shuttered, black, set at 45°

8-way: 8 x custom module	**Length: approx. 444 mm** C
Anodised aluminium profile; without power connection	
909.001	· without socket outlets

CONFERENCE guide rail set

Art. no.	Version
CONFERENCE guide rail set	**Black**
For power strips (pages 92 - 93)	
940.099	· Guide rail, plastic, black · Incl. 2 countersunk head screws 2.9 x 13 mm with Torx to DIN 7982

* No storage type

U USB double charger for mobile devices

C Custom module

CONI
Integrated functionality

CONI brings flexibility to the desktop, for example in conference and training rooms. CONI facilitates unrestricted individual access to power, media and data right on the tabletop or desktop. Minimal installation depth means there is no reduction in leg room under the desk or table, even where the units are fitted near the edge. A wide range of standard surface finishes also provides the freedom to design.

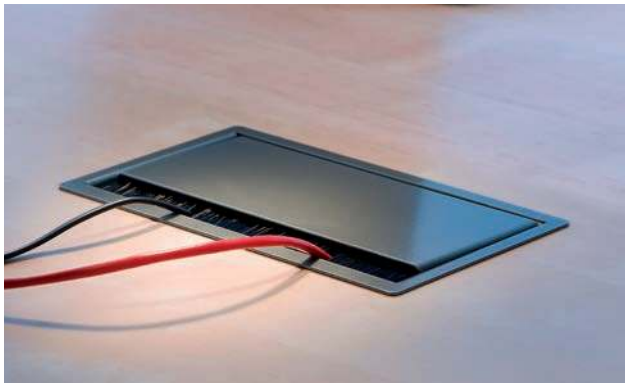
The benefits at a glance

- Integrated into your desktop or tabletop
- Minimum built-in depth, robust frame design
- Integrated brush insert for closing once cables have been plugged in
- Configuration can be freely selected (see custom modules from page 142)
- Complete power strip can be quickly interchanged
- Suitable for retrofitting

When not in use, CONI integrates into the surface of the desk or table. When you need power, data or media, simply open the cover, plug into a socket and close the cover again. The integrated brush insert prevents the cables from jamming. The harmonious appearance of an "even" table is retained.

Configuration of CONI data connections can be freely selected (see custom modules from page 142). Power strips can also be interchanged quickly, and at any time, without the need for tools. Integrated functionality and flexibility not just for today but also for the advances of tomorrow.

CONI provides unrestricted access to power, media and data supplies. Thanks to the integrated brush insert, the cover can be closed once devices have been connected without jamming the cables.



Installed with ease

The built-in frame is very easy to install - only standard tools are required. Simply make a cut-out in the top of your desk or table. Then just tighten the 4 fixing claws tighten with a screwdriver and secure the built-in frame within the desk or table.

CONI built-in frame, short and long version

Built-in depth is 56 mm, suitable for desktop or tabletop thicknesses of 10 mm and above. They have an R5 corner radius, which enables them to be flush-mounted in desks or tables.

The black brush strips can easily be replaced with colour strips; no tools are required. Simply remove the built-in frame from the top of the desk or table and unscrew the 3 re-usable plastic rivets.

CONI built-in frame short
Outer dimensions:
approx. 248 x 151 mm

CONI built-in frame long
Outer dimensions:
approx. 386.5 x 151 mm

Art. no.	Version
CONI, short	**Silver grey, similar to RAL9006**
338.0203	· Dimensions approx. 248 x 151 mm
CONI, long	**Silver grey, similar to RAL9006**
338.0205	· Dimensions approx. 386.5 x 151 mm

CONI, short	**Anthracite, similar to RAL7016**
338.0204	· Dimensions approx. 248 x 151 mm
CONI, long	**Anthracite, similar to RAL7016**
338.0206	· Dimensions approx. 386.5 x 151 mm

CONI, short	**Chrome look**
338.0214	· Dimensions approx. 248 x 151 mm
CONI, long	**Chrome look**
338.0227	· Dimensions approx. 386.5 x 151 mm

CONI, short	**White, similar to RAL9010**
911.000	· Dimensions approx. 248 x 151 mm
CONI, long	**White, similar to RAL9010**
911.001	· Dimensions approx. 386.5 x 151 mm

CONI, short	**Black, similar to RAL9005**
911.002	· Dimensions approx. 248 x 151 mm
CONI, long	**Black, similar to RAL9005**
911.003	· Dimensions approx. 386.5 x 151 mm

CONI, short	**Ground stainless steel**
911.004	· Dimensions approx. 248 x 151 mm
CONI, long	**Ground stainless steel**
911.005	· Dimensions approx. 386.5 x 151 mm

CONI bracket

- For mounting CONI power strips without using a built-in frame. Can, for example, be installed under a desktop or table-top in a cable tray. Standard chipboard screws (which can be purchased from all good retailers) are required for mounting.
- Takes account of the rear-side outlet and bending radii of power and data connections.

Art. no.	Version
CONI bracket, tall	
918.002	· Black · 2 items in plastic bag · Distance between floor and socket outlet profile: 30 mm · Distance between floor and top edge of multiple-socket outlet: 74 mm

CONI holder

- For optional mounting on CONI built-in frame (short and long version)
- Allows excess lengths of cable to be stowed when plugged in
- Easy to fit by hooking into built-in frame (already fitted), using plastic rivets supplied
- Small extra built-in depth of approx. 20 mm in addition to depth of built-in frame

Art. no.	Version
CONI holder	
911.910	· Version for CONI built-in frame, short
911.913	· Version for CONI built-in frame, long

CONI brushes

Art. no.	Version
CONI brush strip, short	
911.900	· Red
911.901	· Blue
911.903	· Yellow
911.904	· Black
CONI brush strip, long	
911.905	· Red
911.906	· Blue
911.907	· White
911.908	· Yellow
911.909	· Black

NEW CONI DUO

CONI DUO is ideal for narrow conference and training desks and tables. CONI DUO provides simple and unimpeded access to power, media and data connections on the table or desk from two sides. There is no reduction in leg room under the desk or table.

When not in use, CONI DUO integrates fully into the surface of the desk or table. When you need power, data or media, simply open one of the two covers, plug into the desired socket and close the cover again. The brush insert prevents the cables from jamming. The harmonious appearance of an "even" table is retained. Configuration of CONI DUO data connections can be freely selected (see custom modules from page 142). Power strips can also be interchanged quickly, and at any time, without the need for tools. Integrated functionality and maximum flexibility not just for today but also for the advances of tomorrow.

The benefits at a glance

- Access from 2 opposite sides
- Just one desk or table cut-out needed
- Integrated into your desktop or tabletop
- Minimum built-in depth, robust frame design
- Integrated brush insert for closing once cables have been plugged in

CONI DUO, short and long version

The name says it all:
CONI twin pack.
Designed especially for use with small meeting tables, which have energy and data connections on opposite sides.

CONI DUO built-in frame short
6-way: 2 x 3-way
Outer dimensions: approx.:
505 x 151 mm

CONI DUO built-in frame long
12-way: 2 x 6-way
Outer dimensions: approx.:
782 x 151 mm

Art. no.	Version
CONI DUO	**Silver grey, similar to RAL9006** NEW
6-way, short	
911.026	· Dimensions approx. 505 x 151 mm
12-way, long	
911.025	· Dimensions approx. 782 x 151 mm

CONI DUO	**White, similar to RAL9010** NEW
6-way, short	
911.028	· Dimensions approx. 505 x 151 mm
12-way, long	
911.029	· Dimensions approx. 782 x 151 mm

3-way power strips for CONI

Power cables and custom modules are available separately. See glossary for country-specific information.

Art. no.	Version
C	**3-way: 2 x custom module + power socket outlet** — **Length: approx. 217 mm**
	Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug
912.002	· 1 x socket outlet with earthing contact, shuttered, black, set at 35°
912.009	· 1 x French / UTE socket outlet, shuttered, black, set at 35°
912.016	· 1 x Swiss / CH socket outlet, black, set at 0°
912.0055*	· 1 x Italian / earthing contact combination, black, set at 35°
912.0080	· 1 x UK 3.15 A individually fused, shuttered, black, set at 90°

C	**3-way: 1 x custom module + power socket outlets** — **Length: approx. 217 mm**
	Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug
912.003	· 2 x socket outlet with earthing contact, black, set at 35°
912.010	· 2 x French / UTE socket outlet, shuttered, black, set at 35°
912.015	· 3 x Swiss / CH socket outlet, black, set at 0°
912.037*	· 1 x socket outlet with earthing contact, black, set at 35°, · 1 x Swiss / CH socket outlet, black, set at 0°
912.045	· 2 x UK 3.15 A individually fused, shuttered, black, set at 90°

C	**3-way: 1 x custom module + power socket outlets, black and red** — **Length: approx. 217 mm**
	Anodised aluminium profile; power input: 2 x 0.1 m cable (black and red) and GST18i3 plug (black)
912.023*	· 1 x socket outlet with earthing contact, black, set at 35° · 1 x socket outlet with earthing contact, red, set at 35°

	3-way: 2 x CAT5e + power socket outlets — **Length: approx. 217 mm**
	Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug
333.1008	· 2 x socket outlet with earthing contact, black, set at 35° · 2 x CAT5e RJ45, front: socket / rear: socket

	3-way: Power socket outlets — **Length: approx. 217 mm**
	Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug
333.1007	· 3 x socket outlet with earthing contact, black, set at 35°

C	**3-way: 3 x custom module** — **Length: approx. 217 mm**
	Anodised aluminium profile; without power connection
912.000	· without socket outlets

Art. no.	Version
U C	**3-way: 1 x USB double charger (5.2 V/2.15 A) + custom modules + power socket outlets** — **Length: approx. 217 mm**
	Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug
912.0167	· 1 x socket outlet with earthing contact, shuttered, black, set at 35° · 1 x USB double charger (5.2 V/2.15 A), 1 x custom module
912.0156	· 2 x socket outlet with earthing contact, shuttered, black, set at 35° · 1 x USB double charger (5.2 V/2.15 A)
912.0171	· 1 x French / UTE socket outlet, shuttered, black, set at 35° · 1 x USB double charger (5.2 V/2.15 A), 1 x custom module

* No storage type

6-way power strips for CONI

Power cables and custom modules are available separately. See glossary for country-specific information.

Art. no.	Version
6-way: 5 x custom module + power socket outlet	**Length: approx. 356 mm** C
	Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug
912.004	· 1 x socket outlet with earthing contact, shuttered, black, set at 35°
6-way: 4 x custom module + power socket outlet	**Length: approx. 356 mm** C
	Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug
912.005	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°
912.011	· 2 x French / UTE socket outlet, shuttered, black, set at 35°
912.017	· 3 x Swiss / CH socket outlet, black, set at 0°
6-way: 3 x custom module + power socket outlet	**Length: approx. 356 mm** C
	Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug
912.006	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°
912.012	· 3 x French / UTE socket outlet, shuttered, black, set at 35°
912.018	· 4 x Swiss / CH socket outlet, black, set at 0°
912.022	· 3 x UK 3.15 A individually fused, shuttered, black, set at 90°
6-way: 2 x custom module + power socket outlet	**Length: approx. 356 mm** C
	Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug
912.007	· 4 x socket outlet with earthing contact, shuttered, black, set at 35°
912.013	· 4 x French / UTE socket outlet, shuttered, black, set at 35°
912.019	· 5 x Swiss / CH socket outlet, black, set at 0°
912.035*	· 1 x socket outlet with earthing contact, black, set at 35° · 3 x Swiss / CH socket outlet, black, set at 0°
912.0221	· 4 x UK 3.15 A individually fused, shuttered, black, set at 90°
6-way: 1 x custom module + power socket outlet	**Length: approx. 356 mm** C
	Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug
912.008	· 5 x socket outlet with earthing contact, shuttered, black, set at 35°
912.014	· 5 x French / UTE socket outlet, shuttered, black, set at 35°
912.021	· 4 x UK 3.15 A individually fused, shuttered, black, set at 90°
6-way: 3 x custom module + power socket outlet, black and red	**Length: approx. 356 mm** C
	Anodised aluminium profile; power input: 2 x 0.1 m cable (black and red) and GST18i3 plug (black)
912.024	· 1 x socket outlet with earthing contact, shuttered, black, set at 35° · 2 x socket outlet with earthing contact, shuttered, red, set at 35°
6-way: 2 x custom module + power socket outlet, black and red	**Length: approx. 356 mm** C
	Anodised aluminium profile; power input: 2 x 0.1 m cable (black and red) and GST18i3 plug (black)
912.025	· 2 x socket outlet with earthing contact, black, set at 35° · 2 x socket outlet with earthing contact, red, set at 35°
6-way: 6 x custom module	**Length: approx. 356 mm** C
	Anodised aluminium profile; without power connection
912.001	· without socket outlets

Art. no.	Version
6-way: 1 x USB double charger (5.2 V/2.15 A) + custom modules + power socket outlets	**Length: approx. 356 mm** C U
	Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug
912.0168	· 2 x socket outlet with earthing contact, shuttered, black, set at 35° · 1 x USB double charger, 3 x custom module
912.0169	· 3 x Swiss / CH socket outlet, black, set at 90° · 1 x USB double charger, 3 x custom module
912.0172	· 2 x French / UTE socket outlet, shuttered, black, set at 35° · 1 x USB double charger, 3 x custom module
912.0280	· 2 x UK 3.15 A individually fused, shuttered, black, set at 90° · 1 x USB double charger, 3 x custom module

U USB double charger for mobile devices

C Custom module

CONI COVER

Easy access

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

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

CONI COVER, the refined cover for practical solutions - access couldn't be easier!

The benefits at a glance

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

Both short and long versions of CONI COVER built-in frames are available. They have an R5 corner radius, which enables them to be flush-mounted in desks or tables. The built-in depth of 24 mm is suitable for a minimum desktop or tabletop thickness of 16 mm. Frame is fixed to the tabletop is with 4 screws. These are screwed on, from the inside, through corresponding holes on the long sides of the built-in frame. Fitting instructions and cut-out dimensions are supplied with the unit.

CONI COVER built-in frame short
Outer dimensions: 248 x 149 mm

CONI COVER built-in frame long
Outer dimensions: 387 x 149 mm

Art. no.	Version
CONI COVER, short	**Silver grey, similar to RAL9006**
338.0081	· Dimensions approx. 248 x 149 mm
CONI COVER, long	**Silver grey, similar to RAL9006**
338.0080	· Dimensions approx. 387 x 149 mm

CONI COVER, short	**White satin, similar to RAL9010**
911.500	· Dimensions approx. 248 x 149 mm
CONI COVER, long	**White satin, similar to RAL9010**
911.501	· Dimensions approx. 387 x 149 mm

CONI COVER, short	**Black, similar to RAL9005**
911.502	· Dimensions approx. 248 x 149 mm
CONI COVER, long	**Black, similar to RAL9005**
911.503	· Dimensions approx. 387 x 149 mm

CONI COVER and STEP. The expandable combination.

The modular design of the STEP power strips puts everything you need for your specific, customised supply of power and data at your fingertips. CONI COVER with its integrated brush insert provide access that is both fast and elegant.

Easy access to all power supply units located under the tabletop or desktop - for example to modular STEP power strips.

You will find STEP multiple-socket outlets on page 142

POWER FRAME COVER

Who'd have thought power could be so elegant?

POWER FRAME COVER is the elegant and compact power and data supply solution. The POWER FRAME COVER has an attractive aluminium cover, designed especially for conference and office environments with a strong design element, which also protects power and data connections from dust and dirt. When the cover is fully open, both sides of the table or desk offer unimpeded access.

The benefits at a glance

- Design piece made from anodised aluminium
- For conference tables and desks
- Access to power supply and data from any seat
- Dust protection
- Versatile: can be combined with socket outlets and data/audio/video modules

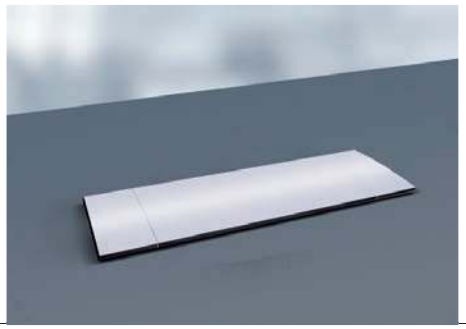
As awarded by The Chicago Athenaeum:
Museum of Architecture and Design.

POWER FRAME COVER

Art. no.	Version
POWER FRAME COVER 3-way	**Dimensions approx. 255 x 87 x 8 mm**
3-way black Power Frame (art. 915.000), with aluminium flap, for gluing into desk or table	
915.500	· Aluminium
915.503	· Aluminium, painted in white similar to RAL9010
915.501	· Aluminium, painted in stainless steel
915.022	· Aluminium, black anodised E1/C35 and brushed
POWER FRAME COVER 4-way	**Dimensions approx. 298 x 87 x 8 mm**
4-way black Power Frame (art. 915.004), with aluminium flap, for gluing into desk or table	
915.502	· Aluminium
POWER FRAME COVER 6-way	**Dimensions approx. 382 x 87 x 8 mm**
6-way black Power Frame (art. 915.006), with aluminium flap, for gluing into desk or table	
915.504	· Aluminium

Only power strips with evenly flush custom modules can be used in conjunction with the POWER FRAME COVER.

You will find suitable power strips on pages 108 and 109



POWER FRAME

Compact and efficient

POWER FRAME is an easily accessible unit for supplying electricity to workstations. The power strip clicks into the built-in frame and can be interchanged or fitted with custom modules as required.

The benefits at a glance

- Compact dimensions
- Suitable for retrofitting
- Timeless design
- Versatile to use
- Rapid installation of complete power strips

POWER FRAME is the compact solution for integrated and easily accessible power and data connections for workstations.
They can be either factory fitted or supplied for retrofitting.

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. Such as in sales showrooms and display windows and at 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 built-in frame from below without tools - a stroke of perfection.
POWER FRAME, for a more compact and more efficient solution.

POWER FRAME is the solution for easy-to-access power and data connections at workstations and elsewhere. The power strip simply clicks into the built-in frame from below.

Built-in frame

Art. no.	Version
POWER FRAME 3-way built-in frame	**Length: approx. 241 x 73 mm**
317.000	· Silver-grey similar to RAL9006
317.001	· Stainless steel
915.000	· Black similar to RAL9005
915.001	· White similar to RAL9010
POWER FRAME 4-way built-in frame	**Length: approx. 283.5 x 73 mm**
317.006	· Silver-grey similar to RAL9006
915.004	· Black similar to RAL9005
915.005	· White similar to RAL9010
Power Frame 6-way built-in frame	**Length approx. 368.5 x 73 mm**
317.007	Silver-grey similar to RAL9006
915.006	Black similar to RAL9005
915.003	White similar to RAL9010

Plastic power strips, 3-way

Art. no.	Version
C **3-way: 2 x custom module + power socket outlet**	**Length: approx. 220 mm**
Plastic profile; power input: 0.1 m cable and GST18i3 plug	
916.061	· 1 x socket outlet with earthing contact, shuttered, black, set at 35°
916.063	· 1 x French / UTE socket outlet, shuttered, black, set at 35°
C **3-way: 1 x custom module + power socket outlets**	**Length: approx. 220 mm**
Plastic profile; power input: 0.1 m cable and GST18i3 plug	
916.060	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°
916.062	· 2 x French / UTE socket outlet, shuttered, black, set at 35°
3-way: Power socket outlets	**Length: approx. 220 mm**
Plastic profile; power input: 0.1 m cable and GST18i3 plug	
317.117	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°
916.059	· 3 x French / UTE socket outlet, shuttered, black, set at 35°

Plastic power strips, 4-way

Art. no.	Version
C **4-way: custom module + power socket outlets**	**Length: approx. 261.9 mm**
Black plastic; power input: 0.1 m cable and GST18i3 plug	
916.0601	· 2 x socket outlet with earthing contact, shuttered, black, set at 35° · 2 x cover for custom module
916.0611	· 1 x socket outlet with earthing contact, shuttered, black, set at 35° · 3 x cover for custom module

Aluminium power strips, 3-way

Art. no.	Version
C **3-way: 2 x custom module + power socket outlets**	**Length: approx. 220 mm**
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug	
916.001	· 1 x socket outlet with earthing contact, shuttered, black, set at 35°
916.003	· 1 x French / UTE socket outlet, shuttered, black, set at 35°
916.005*	· 1 x Swiss / CH socket outlet, black, set at 0°
916.091	· 1 x UK 3.15A individually fused, shuttered, black, set at 90°

U USB double charger for mobile devices C Custom module

POWER FRAME / Power strips

3-way: 1 x custom module + power socket outlets	**Length: approx. 220 mm**	C
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug		
916.000	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°	
916.002	· 2 x French / UTE socket outlet, shuttered, black, set at 35°	
916.004*	· 3 x Swiss / CH socket outlet, black, set at 0°	
916.082	· 2 x UK 3.15 A individually fused, shuttered, black, set at 90°	

3-way: 2 x CAT5e + power socket outlets	**Length: approx. 220 mm**	
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug		
317.101	· 2 x socket outlet with earthing contact, shuttered, black, set at 35° · 2 x CAT5e RJ45, front: socket / rear: socket	

3-way: Power socket outlets	**Length: approx. 220 mm**	
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug		
317.100	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°	
317.102	· 3 x French / UTE socket outlet, shuttered, black, set at 35°	
916.1129	· 3 x UK 3.15 A individually fused, shuttered, black, set at 90°	

3-way: 3 x custom module	**Length: approx. 220 mm**	C
Anodised aluminium profile; without power connection		
916.010	· Without socket outlets	

3-way: 1 x USB double charger (5.2 V/2.15 A) + 1 x custom module + power socket outlets	**L: approx. 220 mm**	C U
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug		
916.0039	· 1 x socket outlet with earthing contact, shuttered, black, set at 35°	
916.0042	· 1 x French / UTE socket outlet, shuttered, black, set at 35°	
916.0510	· 1 x UK 3.15 A individually fused, shuttered, black, set at 90°	

3-way: 1 x USB double charger (5.2 V/2.15 A) + power socket outlets	**Length: approx. 220 mm**	C U
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug		
916.0040	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°	

Power strips, 4-way

Art. no.	Version

4-way: 1 x USB double charger (5.2 V/2.15 A) + 2 x custom module + power socket outlets	**L: approx. 261.9 mm**	C U
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug		
916.0041*	· 1 x socket outlet with earthing contact, shuttered, black, set at 35°	

4-way: 2 x custom module + power socket outlets	**L: approx. 261.9 mm**	C
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug		
916.047	· 2 x French / UTE socket outlet, shuttered, black, set at 35°	
916.0821	· 2 x UK 3.15 A individually fused, shuttered, black, set at 90°	

Power strips, 6-way

Art. no.	Version

6-way: 2 x custom module + power socket outlets	**L: approx. 350 mm**	C
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug		
916.030	· 4 x socket outlet with earthing contact, shuttered, black, set at 35°	
916.1110	· 4 x French / UTE socket outlet, shuttered, black, set at 35°	
916.0361	· 3 x UK 3.15 A individually fused, shuttered, black, set at 90°	

6-way: 3 x custom module + power socket outlets	**L: approx. 350 mm**	C
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug		
916.007	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°	
916.048	· 3 x French / UTE socket outlet, shuttered, black, set at 35°	
916.086	· 3 x UK 3.15 A individually fused, shuttered, black, set at 90°	

6-way: 4 x custom module + power socket outlets	**L: approx. 350 mm**	C
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug		
916.025	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°	
916.023	· 2 x French / UTE socket outlet, shuttered, black, set at 35°	
916.024	· 3 x Swiss / CH socket outlet, black, set at 0°	

TWIST

Power outside the box

TWIST is a power strip for office, lounge and kitchen areas. With its compact design and low installation depth, it is easily integrated in desks or kitchen worktops. Because the power cable is routed close to the housing, the installation depth is only around 40 mm, so the unit can be easily installed above a drawer. With a choice of stainless steel or chrome look finish, TWIST blends easily into both modern and organic interiors. After use, simply rotate the cover and the socket outlets disappear underneath it.

TWIST won among others one of the most prestigious design awards, 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 of the Trade Fair Office Next Moscow 2014 and most recently the interzum award: intelligent material & design 2015.

The benefits at a glance

- Very low installation depth (approx. 40 mm)
- Compact design (H x diameter: approx. 42.5 x 115 mm)
- Space-saving cable routing
- Quick and easy to install
- Suitable for retrofitting
- Stainless steel look, or chrome look
- KEMA KEUR approved
- Good Design Award 2014 and more design awards

As awarded by The Chicago Athenaeum: Museum of Architecture and Design.

TWIST

Installation diameter 105 mm, installation depth 40 mm, for work surfaces of 8 mm or more

Art. no.	Version
TWIST 2S	**Metallic stainless steel look cover disc**
Power input: 2.0 m cable with end sleeves and black earthing contact mounting plug (included)	
931.000	· 2 x socket outlet with earthing contact, shuttered, black
931.002	· 2 x French / UTE socket outlet, shuttered, black
931.008	· 2 x Swiss / T23 socket outlets, shuttered, black
TWIST 1S 2P	**Metallic matt chrome look cover disc**
Power input: 0.2 m with GST18i3 plug	
931.001	· 1 x socket outlet with earthing contact, shuttered, black · 2 x keystone mount for data sockets
931.003	· 1 x French / UTE socket outlet, shuttered, black · 2 x keystone mount for data sockets
931.009	· 1 x Swiss / T13 socket outlet, shuttered, black · 2 x keystone module for data sockets
Power input: 2.0 m cable with end sleeves and black earthing contact mounting plug (included)	
931.021	· 2 x socket outlet with earthing contact, shuttered, black
931.016	· 2 x French / UTE socket outlet, shuttered, black

NEU

Art. no.	Version
Hole saw diameter: 105 mm	
For fitting the TWIST	
931.900	· In wood/plastic with cutting depth up to 44 mm
918.900	· Mounting tool for hole saw with centring drill

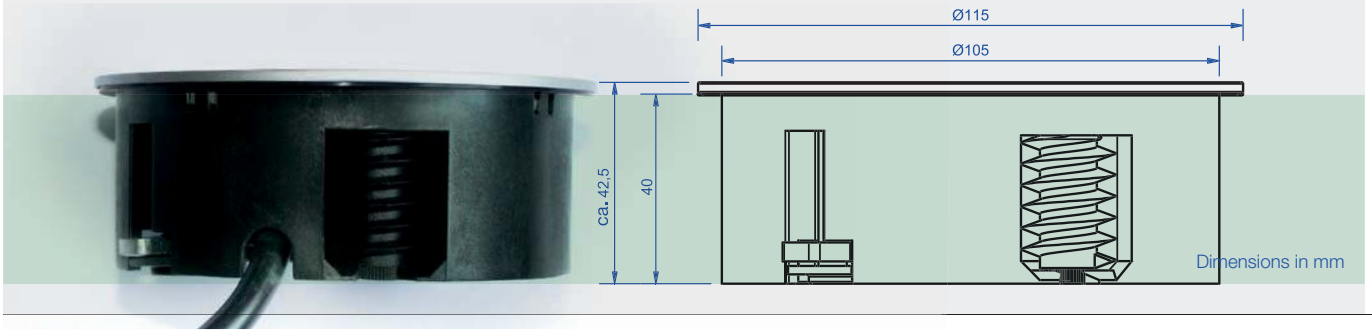
Similar to photo

Watch the TWIST installation film at bachmann.com

TWIST is so compact that it can even be installed above a drawer.

At 42.5 mm high, TWIST is so compact that it can be fitted on almost any surface. It can even be installed above a drawer. The cable is routed through a flexible outlet and stored in a recessed channel.

40 mm is all the space that TWIST requires.



ELEVATOR

The elevator is powered straight away

ELEVATOR fits perfectly in any working environment. At 79 mm in diameter, ELEVATOR is ideal for integrating power and data connections in tiny spaces. Simply press down with your finger to raise and lower ELEVATOR. Two versions of ELEVATOR are available: with three socket outlets or with one socket outlet and two data connections.
Installation is incredibly simple. ELEVATOR is placed in a cut-out 79 mm in diameter and secured to the desktop or tabletop from below using a lock ring.

The benefits at a glance

- Press down with your finger to raise
- 2 configurations
- Suitable for standard 79 mm hole
- Quick and easy to install
- Suitable for retrofitting
- Aluminium polished and brushed or matt chrome
- Classic design
- For desktop or tabletop thicknesses of 16 - 60 mm

ELEVATOR

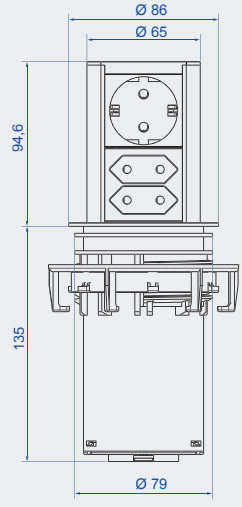
Art. no.	Version
ELEVATOR power strip	
	Stainless steel look profile, power input: 2.0 m H05VV-F 3G 1.5 mm² with end sleeves and earthing contact mounting plug (included)
928.002	· 2 x socket outlet with earthing contact, shuttered, black
928.003	· 1 x socket outlet with earthing contact, shuttered, black · 2 x Euro socket outlet, shuttered, black
928.007	· 2 x French / UTE socket outlet, shuttered, black
928.017	· 1 x socket outlet with earthing contact, shuttered, 1 x USB double charger (5.2 V/ 2.15A)
928.020	· 1 x French / UTE socket outlet, shuttered, 1 x USB double charger (5.2 V/ 2.15A)
928.024	· 2 x Swiss / T23 socket outlets, shuttered, with mounting plug (included), black
	Aluminium profile, matt chrome, power input: 0.5 m H05VV-F3G 1.5 mm² with GST18 plug; 3.0 m data cables and plug and/or socket
928.004	· 1 x socket outlet with earthing contact, shuttered, black, set at 35° · 2 x CAT6 RJ45 with 3.0 m data cable and RJ45 plug
928.005	· 1 x socket outlet with earthing contact, shuttered, black, set at 35° · 1 x CAT6 RJ45 with 3.0 m data cable and RJ45 plug · 1 x USB 3.0 A socket with 3.0 m data cable and USB 3.0 A plug
928.006	· 1 x socket outlet with earthing contact, shuttered, black, set at 35° · 1 x CAT6 RJ45 with 3.0 m data cable and plug · 1 x HDMI socket with 3.0 m data cable and socket
928.008	· 1 x French / UTE socket outlet, shuttered, black, set at 35° · 2 x CAT6 RJ45 with 3.0 m data cable and RJ45 plug
928.009	· 1 x French / UTE socket outlet, shuttered, black, set at 35° · 1 x CAT6 RJ45 with 3.0 m data cable and RJ45 plug · 1 x USB 3.0 A socket with 3.0 m data cable and USB 3.0 A plug
928.010	· 1 x French / UTE socket outlet, shuttered, black, set at 35° · 1 x CAT6 RJ45 with 3.0 m data cable and RJ45 plug · 1 x HDMI socket with 3.0 m data cable and socket
928.026	· 1 x UK 5 A individually fused, shuttered, black, set at 90° · 1 x USB double charger (5.2 V/ 2.15A)

Accessories

Art. no.	Version
Hole saw diameter **79 mm for installing the ELEVATOR**	
928.900	· In wood/plastic; cutting depth up to 44 mm
918.900	· Mounting tool for hole saw with centring drill

Similar to photo

Watch the ELEVATOR installation film at bachmann.com



Dimensions in mm

ELEVATOR fits in cut-outs 79 mm in diameter

100 mm high, 79 mm in diameter: With 3 socket outlets, ELEVATOR is a tiny yet impressive powerhouse. Simply press down with your thumb to open ELEVATOR. It is simply lowered again after use.

U USB double charger for mobile devices

LIFT
High-tech in motion

LIFT is the totally practical combination of sophisticated looks and high-precision mechanical design. The unit is recessed neatly in the top of the desk or table when not in use. Simply touch to raise out of the desk or table and it's ready for docking on all four sides. Once you have finished using the connections, simply push it back into its initial recessed position by hand.

The benefits at a glance

- Simply touch to raise
- Design that can't fail to impress
- Access points on four sides
- Incredibly compact dimensions
- Low built-in depth
- 4 plug-in units on one height unit

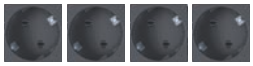
LIFT can be supplied in a variety of power and data connection configurations. This highly compact unit needs a drill hole only 140 mm in diameter for installation. Built-in depth both open and closed is just 195 mm.

By setting cutting-edge technology in motion, LIFT makes power and data supply a truly enjoyable experience.

Simply touch to raise and lower LIFT. The unit has connection points on four sides and can be equipped with a variety of power and data connection configurations.

Enclosure colour BLACK

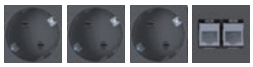
Art. no.	Version



LIFT: Power socket outlets

Enclosure colour black; power input: 0.5 m cable and GST18i3 plug

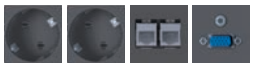
904.000	· 4 x socket outlet with earthing contact, shuttered, black, set at 35°
904.004	· 4 x French / UTE socket outlet, shuttered, black, set at 35°
904.024*	· 4 x Swiss / CH socket outlet, black, set at 0°
904.020*	· 4 x UK 3.15 A individually fused, shuttered, black, set at 90°



LIFT: 2 x CAT6 + power socket outlets

Enclosure colour black; power input: 3.0 m cable and plug; 3.0 m data cable and RJ45 plug

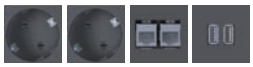
904.001	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°
904.005	· 3 x French / UTE socket outlet, shuttered, black, set at 35°
904.025*	· 3 x Swiss / CH socket outlet, black, set at 0°
904.021*	· 3 x UK 3.15 A individually fused, shuttered, black, set at 90°



LIFT: 2 x CAT6, 1 x VGA + miniature jack + power socket outlets

Enclosure colour black; power input: 3.0 m cable and plug;
CAT6 3.0 m data cable and RJ45 plug; VGA 15-pole and miniature jack with 3.0 m cable and plug

904.002	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°
904.006	· 2 x French / UTE socket outlet, shuttered, black, set at 35°
904.026*	· 2 x Swiss / CH socket outlet, black, set at 0°
904.022*	· 2 x UK 3.15 A individually fused, shuttered, black, set at 90°



LIFT: 2 x CAT6, 2 x USB + power socket outlets

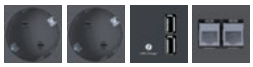
Enclosure colour black; power input: 3.0 m cable and plug;
CAT6 3.0 m data cable and RJ45 plug; USB A socket with 3.0 m cable and plug

904.003	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°
904.007	· 2 x French / UTE socket outlet, shuttered, black, set at 35°
904.027*	· 2 x Swiss / CH socket outlet, black, set at 0°
904.023*	· 2 x UK 3.15 A individually fused, shuttered, black, set at 90°

LIFT: 2 x CAT 6, 1 x VGA + miniature jack , 1 x HDMI, power socket outlet

Enclosure colour black; power input: 3.0 m cable and plug

904.045	· 1 x socket outlet with earthing contact, shuttered, black, set at 35° with 3.0 m cable and plug · 2 x CAT6 RJ45 with 3.0 m data cable and RJ45 plug · 1 x VGA + miniature jack each with 3.0 m cable · 1 x HDMI with 3.0 m cable



U **LIFT: 1 x USB double charger (5.2 V/2.15 A), 2 x CAT6 + power socket outlets**

Enclosure colour black; power input: 3.0 m cable and plug; 3.0 m data cable and RJ45 plug

904.0001*	· 2 x socket outlet with earthing contact, shuttered, black, set at 35° · 1 x USB double charger · 2 x CAT6 RJ45 socket

* No storage type

U USB double charger for mobile devices

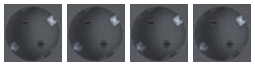
Enclosure colour SILVER

Art. no.	Version

LIFT: Power socket outlets

Enclosure colour silver; power input: 0.5 m cable and GST18i3 plug

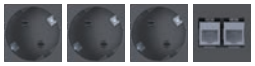
904.008	· 4 x socket outlet with earthing contact, shuttered, black, set at 35°



LIFT: 2 x CAT6 + power socket outlets

Enclosure colour silver; power input: 3.0 m cable and plug; 3.0 m data cable and RJ45 plug

904.009	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°



LIFT: 2 x CAT6, 1 x VGA + miniature jack + power socket outlets

Enclosure colour silver; power input: 3.0 m cable and plug;
CAT6 3.0 m data cable and RJ45 plug; VGA 15-pole and miniature jack with 3.0 m cable and plug

904.010	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°

LIFT: 2 x CAT6, 2 x USB + power socket outlets

Enclosure colour silver; power input: 3.0 m cable and plug;
CAT6 3.0 m data cable and RJ45 plug; USB A socket with 3.0 m cable and plug

904.011	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°

Hole saw **Ø 140 mm**

For Lift installation

904.900	· Hole saw for clamping, with centre drill · 140 mm diameter

Similar to illustration

Mounting tool for hole saw

918.900	· with centre drill

Similar to illustration

DESK 1
Versatility with style

DESK is the ideal solution for data, media and power management wherever workstations 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 workstations and applications. Thus for power connections there is 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.

The benefits at a glance

- Flexibility of use regardless of location
- With Wieland connector system or fixed cable connections
- Fixed or free-standing on desk/table
- Custom versions adapt to future requirements

With DESK, versatility is also the order of the day when it comes to positioning and location. They are fixed to the desktop/tabletop by mounting brackets or screws, or can be free-standing: whatever best suits the application and good style.

The modular construction of DESK enables it to be factory configured with exactly the communications and power connections you require. DESK can be fixed to a tabletop or desktop or be free-standing.

DESK 1 – every possibility at your fingertips.

Plug connections as standard

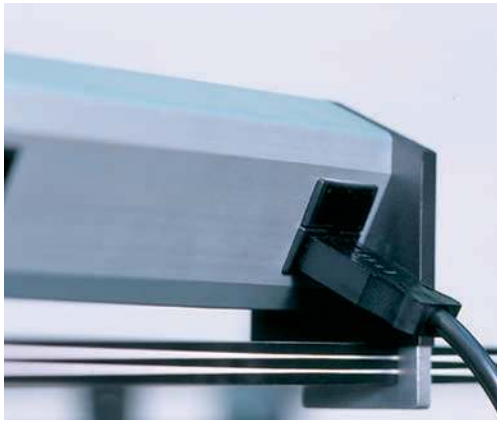
The standard power connection features a Wieland plug-in connector in the rear panel and provides both reliable power feed and also flexibility in cable length. The cables can be swapped for longer or shorter power supply cables, for example. We use Wieland's GST18 plug-in connector, which is popular all over the world, as standard. This plug connection has a catch mechanism which complies with the relevant standards and can be released again if required. The contacts on the plug connection 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 desk or table quickly and easily using a mounting bracket. A size 4 Allen key is required in order to tighten the inside screw on the bracket. Mounting does not damage the tabletop/desktop. You will find a range of mounting brackets and units on page 125.

DESK 1 plus STEP in combination

Combining DESK 1 with a STEP power strips provides the ideal overall solution for an individual office workstation.
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 desktop/tabletop supplies power to fixed devices such as PC, monitor, printer etc. The STEP power strip is screwed in place underneath the top of the desk or table or placed in a duct underneath. The integrated Wieland connector system allows multiple power strips to be connected in series in compliance with standards.



DESK 1 – Product matrix

A detailed product description can be found on the following pages.

DESK 1	Country code	Socket inserts	Spaces for custom modules	USB charger	Illuminated switch	CAT5e RJ45 Socket/socket	VGA+3.5 mm miniature jack	USB 3.0 A/A socket	Incl. bracket	Incl. supply cable	Shuttered	Length in mm
902.0182	DE	2	1	yes	-	-	-	-	-	-	yes	281.3
902.011	DE	2	2	-	-	-	-	-	-	-	yes	281.3
902.0183*	DE	2	2	yes	-	-	-	-	-	-	yes	323.8
902.0048	DE	3	-	-	-	-	-	-	-	-	yes	228.6
339.1002	DE	3	-	-	-	-	-	-	yes	-	yes	230.6
902.0050	DE	3	-	-	yes	-	-	-	-	-	yes	271.1
339.1001	DE	3	-	-	yes	-	-	-	yes	yes	yes	268.0
339.1004	DE	3	-	-	-	2	-	-	yes	-	yes	283.3
339.1005	DE	3	-	-	-	2	1	-	yes	-	yes	295.6
339.1006	DE	3	-	-	-	2	-	1	yes	-	yes	325.0
902.000	DE	3	1	-	-	-	-	-	-	-	yes	281.3
902.017	DE	3	1	-	yes	-	-	-	-	-	yes	323.6
902.001	DE	3	2	-	-	-	-	-	-	-	yes	323.5
902.018	DE	3	2	-	yes	-	-	-	-	-	yes	366.1
902.012	DE	1 + 2	2	-	-	-	-	-	-	-	yes	385.0
902.002	DE	3	3	-	-	-	-	-	-	-	yes	366.3
902.019	DE	3	3	-	yes	-	-	-	-	-	yes	408.8
902.003	DE	3	4	-	-	-	-	-	-	-	yes	408.8
902.0049	DE	4	-	-	-	-	-	-	-	-	yes	271.1
339.1000	DE	4	-	-	-	-	-	-	yes	yes	yes	268.0
902.0185	UTE	2	1	yes	-	-	-	-	-	-	yes	281.3
902.004	UTE	3	1	-	-	-	-	-	-	-	yes	281.3
902.005	UTE	3	2	-	-	-	-	-	-	-	yes	365.0
902.006	UTE	3	3	-	-	-	-	-	-	-	yes	366.3
902.007	UTE	3	4	-	-	-	-	-	-	-	yes	408.8
902.0161	CH	2	2	yes	-	-	-	-	-	-	-	323.8
902.008	CH	3	1	-	-	-	-	-	-	-	-	258.0
902.009	CH	3	2	-	-	-	-	-	-	-	-	301.0
902.010	CH	3	3	-	-	-	-	-	-	-	-	346.0
902.0184	UK	2	1	yes	-	-	-	-	-	-	yes	316.3
902.024	UK	2	2	-	-	-	-	-	-	-	yes	346.3
339.1018	UK	2	-	-	-	-	-	-	-	-	yes	228.6
339.1020	UK	4	-	-	-	-	-	-	-	-	yes	356.1
902.1017	UK	2	1	-	-	-	-	-	-	-	yes	276.0

* No storage type

DESK 1 power strips

Max. 16 A / 230 V~

Power cables and custom modules are available separately. See glossary for country-specific information.

Art. no.	Version
Power socket outlets	
Anodised aluminium profile; power input: GST18 / power output: GST18	
902.0048	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°, length 228.6 mm
339.1018	· 2 x UK 3.15 A individually fused, shuttered, black, set at 45°, length 228.6 mm
Power socket outlets	
Anodised aluminium profile; power input: GST18 / power output: GST18	
902.0049	· 4 x socket outlet with earthing contact, shuttered, black, set at 35°, length 271.1 mm
902.0050	· 3 x socket outlet with earthing contact, shuttered, black, set at 35° · 1 switch, 2-pole, illuminated · Length 271.1 mm
339.1020	· 4 x UK 3.15 A individually fused, shuttered, black, set at 45°, length 356.1 mm

DESK 1 power strips with spaces for custom modules

Max. 16 A / 230 V~

Power cables and custom modules are available separately. See glossary for country-specific information.

Art. no.	Version
C **1 x custom module + power socket outlets**	
Anodised aluminium profile; power input: GST18 / power output: GST18	
902.000	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°, length 281.3 mm
902.004	· 3 x French / UTE socket outlet, shuttered, black, set at 35°, length 281.3 mm
902.008	· 3 x Swiss / CH socket outlet, black, set at 0°, length 258 mm
902.1017	· 2 x UK 3.15 A individually fused, shuttered, black, set at 45°, length 276 mm
C **2 x custom module + power socket outlets**	
Anodised aluminium profile; power input: GST18 / power output: GST18	
902.001	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°, length 323.5 mm
902.011	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°, length 281.3 mm
902.005	· 3 x French / UTE socket outlet, shuttered, black, set at 35°, length 365 mm
902.009	· 3 x Swiss / CH socket outlet, black, set at 0°, length 300.5 mm
902.024	· 2 x UK 3.15 A individually fused, shuttered, black, set at 45°, length 346.3 mm
C **3 x custom module + power socket outlets**	
Anodised aluminium profile; power input: GST18 / power output: GST18	
902.002	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°, length 366.3 mm
902.006	· 3 x French / UTE socket outlet, shuttered, black, set at 35°, length 366.3 mm
902.010	· 3 x Swiss / CH socket outlet, black, set at 0°, length 344 mm

You can find suitable Wieland cables on page 199

DESK 1 power strips with spaces for custom modules — Max. 16 A / 230 V~

Power cables and custom modules are available separately. See glossary for country-specific information.

Art. no.	Version	
4 x custom module + power socket outlets		C
	Anodised aluminium profile; power input: GST18 / power output: GST18	
902.003	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°, length 408.8 mm	
902.007	· 3 x French / UTE socket outlet, shuttered, black, set at 35°, length 408.8 mm	
2 x custom module + power socket outlets		C
	Anodised aluminium profile; power input: 2 x GST18 (black and red)	
902.012	· 1 x socket outlet with earthing contact, shuttered, black, set at 35° · 2 x socket outlet with earthing contact, shuttered, red, set at 35°, length 344.2 mm	
1 x custom module + power socket outlets + illuminated switch		C
	Anodised aluminium profile; power input: GST18 / power output: GST18	
902.017	· 3 x socket outlet with earthing contact, shuttered, black, set at 35° · 1 x illuminated switch; length 323.6 mm	
2 x custom module + power socket outlets + illuminated switch		C
	Anodised aluminium profile; power input: GST18 / power output: GST18	
902.018	· 3 x socket outlet with earthing contact, shuttered, black, set at 35° · 1 x illuminated switch; length 366.1 mm	
3 x custom module + power socket outlets + illuminated switch		C
	Anodised aluminium profile; power input: GST18 / power output: GST18	
902.019	· 3 x socket outlet with earthing contact, shuttered, black, set at 35° · 1 x illuminated switch; length 408.8 mm	
DESK 1 with 1 x USB double charger (5.2 V/2.15 A) + power socket outlets		U
	Anodised aluminium profile; power input: GST18 / power output: GST18	
902.0192	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°, length 281.3 mm	
DESK 1 with 1 x USB double charger (5.2 V/2.15 A), 1 x custom module + power socket outlets		C U
	Anodised aluminium profile; power input: GST18 / power output: GST18	
902.0182	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°, length 281.3 mm	
902.0185	· 2 x French / UTE socket outlet, shuttered, black, set at 35°, length 281.3 mm	
902.0184	· 2 x UK 3.15 A individually fused, shuttered, black, set at 45°, length 316.3 mm	
DESK 1 with 1 x USB double charger (5.2 V/2.15 A), 2 x custom module + power socket outlets		C U
	Anodised aluminium profile; power input: GST18 / power output: GST18	
902.0183*	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°, length 323.8 mm	
902.0161	· 2 x Swiss / CH socket outlet, black, set at 90°, length 323.8 mm	

You can also use the product configurator at bachmann.com

You can find suitable Wieland cables on page 199

U USB double charger for mobile devices C Custom module * No storage type

Max. 16 A / 230 V~ See glossary for country-specific information

· Anodised aluminium profile, black socket outlets
Incl. standard mounting bracket and screws

Art. no.	Version

DESK 1 3 x power socket outlet, GST18 **Length: approx. 283.3 mm**

2 x CAT5e

339.1004
- 3 x socket outlet with earthing contact, shuttered, black, set at 35°
- 2 x CAT5e RJ45, front: socket/rear: socket
- Power input: GST18i3 plug, power output: GST18i3 socket
- Incl. standard mounting bracket and screws

DESK 1 3 x power socket outlet, GST18 **Length: approx. 295.6 mm**

2 x CAT5e, 1 x VGA

339.1005
- 3 x socket outlet with earthing contact, shuttered, black, set at 35°
- 2 x CAT5e RJ45, front: socket/rear: socket
- 1x VGA 15-pin + miniature jack 3.5 mm
- Power input: GST18i3 plug, power output: GST18i3 socket
- Incl. standard mounting bracket and screws

DESK 1 3 x power socket outlet, GST18 **Length: approx. 325 mm**

2 x CAT5e, 1 x USB

339.1006
- 3 x socket outlet with earthing contact, shuttered, black, set at 35°
- 2 x CAT5e RJ45, front: socket/rear: socket
- 1 x USB A/A socket
- Power input: GST18i3 plug, power output: GST18i3 socket
- Incl. standard mounting bracket and screws

DESK 1 3 x power socket outlet, GST18 **Length: approx. 228.6 mm**

339.1002
- 3 x socket outlet with earthing contact, shuttered, black, set at 35°
- Power input: GST18i3 plug, power output: GST18i3 socket
- Incl. standard mounting bracket and screws

DESK 1 4 x power socket outlet **Length: approx. 268 mm**

Fixed connection

339.1000
- 4 x socket outlet with earthing contact, shuttered, black, set at 35°
- Power input: 3.0 m, H05VV-F 3G 1.50 mm² black
- with right-angled earthing contact plug
- Incl. standard mounting bracket and screws

DESK 1 3 x power socket outlet **Length: approx. 268 mm**

Fixed connection, 1 x switch

339.1001
- 3 x socket outlet with earthing contact, shuttered, black, set at 35°
- 1 x switch 2-pole, green illuminated
- Power input: 3.0 m, H05VV-F 3G 1.50 mm² black
- with right-angled earthing contact plug
- Incl. standard mounting bracket and screws

DESK 1 accessories

Art. no.	Version
DESK 1 slimline brackets	**for tabletop/desktop thicknesses up to 50 mm**
918.001	Stainless steel, thickness 3 mm Contents: · 2 stainless steel mounting brackets · 2 M5 x 45 mm Allen bolts
DESK 1 standard bracket	**for tabletop/desktop thicknesses up to 50 mm**
930.120	Anodised aluminium, thickness approx. 9 mm Contents: · 2 x mounting clamps, anodised aluminium profile · 2 x M5 x 60 mm Allen bolts
DESK 1 long bracket	**for tabletop/desktop thicknesses up to 80 mm**
930.180	Mounting bracket, long, 50 - 80 mm Contents: · 2 x mounting clamp, black painted, similar to RAL9011 · 2 x M5 x 45 mm Allen bolts · 2 x M5 x 60 mm Allen bolts
Chipboard screw for DESK end caps	**for tabletop/desktop thicknesses over 15 mm**
930.183	Contents: · 2 x 4 x 90 mm screw · 2 x threaded brass sleeve
DESK 1 mounting plate	
930.182	Black plastic Mounting plates for attachment to DESK end caps Contents: · 2 x mounting plate · 2 x screw · 2 x TESA POWER STRIP

Automatic switchoff

Switch off and save power

The Bachmann automatic switchoff unit allows efficient savings in power consumption by modern-day office equipment during non-working hours without a major outlay on wiring.
Switching equipment off completely is no longer left to chance: power saving now begins as soon as the workstation PC is shut down.
The effectiveness of this system exceeds the savings possible with master-and-slave multiple-socket outlets, since virtually no standby current is drawn by the master device and total power consumption during on-working hours is exactly zero.

The benefits at a glance

- Complete interrupt
- No standby current is drawn by the master device
- No electricity - no fire risk
- Potential saving of up to €70 per year and workstation
- Improvement to carbon footprint

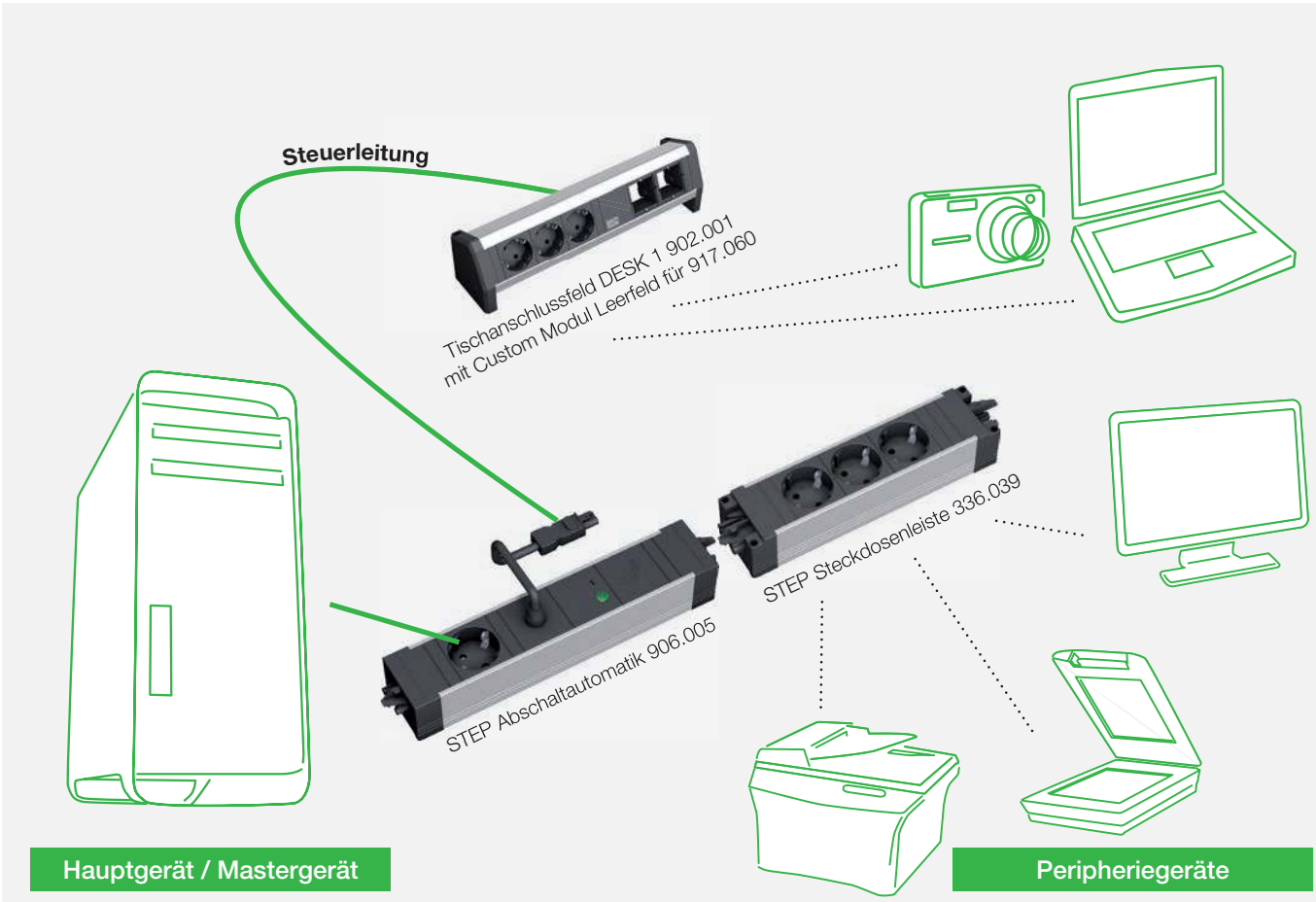
GREEN

Automatic switchoff components

Art. no.	Version
STEP ALU automatic switchoff	**Length: approx. 263 mm**
906.005	· Anodised aluminium profile · 1 x automatic switchoff with socket outlet with earthing contact · 1 x button connection with 0.5 m cable and plug-in connector to link to module 917.060 · Power input: GST18i3 plug, power output: GST18i3 socket
Module 1 x button for automatic switchoff	
917.060	· 1 x button, black, with 1.0 m cable and 2-pole plug-in connector · Simply press the button to restore power to the devices connected to the automatic switchoff · Use in any power strip with custom modules

A desk connection panel with custom module space and a STEP are needed to complete the system.

Savings of up to €70 a year and workstation are possible with automatic switchoff.



German Design Award 2012 NOMINEE

product design award 2012

reddot design award winner 2011

DESK 2

Design meets technology

Desk 2 is a multiple-socket outlet that can be populated with various communication modules. It has been designed for flexible use in the office, meeting rooms, home offices or desk sharing environments.

The outlet is made from aluminium and is available in various colours. The connections are screwed onto the standardised module windows and can be changed over easily.

The benefits at a glance

- Design solution for modern workstations
- User-focused 45° orientation
- Covered wiring to the edge of a desk or table
- Custom versions adapt to future requirements
- Red Dot Design Award winner 2011
- IF Award winner 2012
- Nominated for the German Design Award 2012

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

DESK 2 is the winner of the red dot design award 2011, the IF Product Design Award 2012 and was nominated for the German Design Award 2012. The design is unostentatious and straightforward, the materials used durable and high-quality.

Particular attention has been paid to the design of the 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 – Product matrix

DESK 2	Country code	Socket inserts	Spaces for custom modules	USB charger	Colour	CAT6 RJ45 Socket/socket	USB 3.0 A/A socket	HDMI socket/socket	Incl. bracket	Incl. supply cable	Shuttered	Length in mm (approx.)
902.203	DE	2	1	-	White	-	-	-	yes	-	yes	197
902.228	DE	2	1	yes	White	-	-	-	yes	-	yes	241
902.211	DE	2	2	-	White	-	-	-	yes	-	yes	239
902.229*	DE	2	2	yes	White	-	-	-	yes	-	yes	282
902.2048	DE	3	-	-	White	-	-	-	yes	-	yes	197
902.300	DE	3	-	-	White	-	-	-	yes	yes	yes	197
902.301	DE	3	-	-	White	1	1	-	yes	yes	yes	239
902.302	DE	3	-	-	White	2	1	1	yes	yes	yes	282
902.200	DE	3	1	-	White	-	-	-	yes	-	yes	239
902.201	DE	3	2	-	White	-	-	-	yes	-	yes	282
902.202	DE	3	3	-	White	-	-	-	yes	-	yes	324
902.232*	UTE	2	1	yes	White	-	-	-	yes	-	yes	239
902.204	UTE	3	1	-	White	-	-	-	yes	-	yes	239
902.205	UTE	3	2	-	White	-	-	-	yes	-	yes	282
902.213	UK	2	-	-	White	-	-	-	yes	-	yes	197
902.206	UK	2	1	-	White	-	-	-	yes	-	yes	239
902.231	UK	2	1	yes	White	-	-	-	yes	-	yes	274
902.207	UK	2	2	-	White	-	-	-	yes	-	yes	274
902.214	UK	4	-	-	White	-	-	-	yes	-	yes	317
902.230*	CH	2	2	yes	White	-	-	-	yes	-	-	282
902.208	CH	3	1	-	White	-	-	-	yes	-	-	239
902.209	CH	3	2	-	White	-	-	-	yes	-	-	282
902.403	DE	2	1	-	stainless steel	-	-	-	yes	-	yes	197
902.428	DE	2	1	yes	stainless steel	-	-	-	yes	-	yes	241
902.411	DE	2	2	-	stainless steel	-	-	-	yes	-	yes	239
902.429*	DE	2	2	yes	stainless steel	-	-	-	yes	-	yes	282
902.4048	DE	3	-	-	stainless steel	-	-	-	yes	-	yes	197
902.500	DE	3	-	-	stainless steel	-	-	-	yes	yes	yes	197
902.501	DE	3	-	-	stainless steel	1	1	-	yes	yes	yes	239
902.502	DE	3	-	-	stainless steel	2	1	1	yes	yes	yes	282
902.400	DE	3	1	-	stainless steel	-	-	-	yes	-	yes	239
902.401	DE	3	2	-	stainless steel	-	-	-	yes	-	yes	282
902.402	DE	3	3	-	stainless steel	-	-	-	yes	-	yes	324
902.432*	UTE	2	1	yes	stainless steel	-	-	-	yes	-	yes	239
902.404	UTE	3	1	-	stainless steel	-	-	-	yes	-	yes	239
902.405	UTE	3	2	-	stainless steel	-	-	-	yes	-	yes	282
902.431	UK	2	1	yes	stainless steel	-	-	-	yes	-	yes	274
902.407	UK	2	2	-	stainless steel	-	-	-	yes	-	yes	274
902.406	UK	2	1	-	stainless steel	-	-	-	yes	-	yes	239
902.430*	CH	2	2	yes	stainless steel	-	-	-	yes	-	-	282
902.408	CH	3	1	-	stainless steel	-	-	-	yes	-	-	239
902.409	CH	3	2	-	stainless steel	-	-	-	yes	-	-	282

* No storage type

DESK 2 power strips

Art. no.	Version
Power socket outlets	**Length: approx. 197 mm**
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; including mounting bracket	
902.2048	· 3 x socket outlet with earthing contact, shuttered, black, set at 35° · Painted in white, similar to RAL9010
902.4048	· 3 x socket outlet with earthing contact, shuttered, black, set at 35° · Painted in stainless steel
902.300	· 3 x socket outlet with earthing contact, shuttered, black, set at 35° · Painted in white, similar to RAL9010 · 1.5 m separate device supply cable, GST18/earthing contact
902.500	· 3 x socket outlet with earthing contact, shuttered, black, set at 35° · Painted in stainless steel · 1.5 m separate device supply cable, GST18/earthing contact
Power socket outlets	
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST 18i; including mounting bracket	
902.213	· 2 x UK 3.15 A individually fused, shuttered, black, set at 45° · Painted in white, similar to RAL9010, length: 196.7 mm
902.214	· 4 x UK 3.15 A individually fused, shuttered, black, set at 45° · Painted in white, similar to RAL9010, length: 316.7 mm

DESK 2 power strips, empty

Art. no.	Version
1 x custom module + power socket outlets	**Length: approx. 239 mm** C
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; including mounting bracket	
902.200	· 3 x socket outlet with earthing contact, shuttered, black, set at 35° · Painted in white, similar to RAL9010
902.204	· 3 x French / UTE socket outlet, shuttered, black, set at 35° · Painted in white, similar to RAL9010
902.206	· 2 x UK 3.15 A individually fused, shuttered, black, set at 45° · Painted in white, similar to RAL9010
902.208	· 3 x Swiss / CH T13 socket outlet, black, set at 90° · Painted in white, similar to RAL9010
902.400	· 3 x socket outlet with earthing contact, shuttered, black, set at 35° · Painted in stainless steel
902.404	· 3 x French / UTE socket outlet, shuttered, black, set at 35° · Painted in stainless steel
902.406	· 2 x UK 3.15 A individually fused, shuttered, black, set at 45° · Painted in stainless steel
902.408	· 3 x Swiss / CH T13 socket outlet, black, set at 90° · Painted in stainless steel
1 x custom module + power socket outlets	**Length: approx. 197 mm** C
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; including mounting bracket	
902.203	· 2 x socket outlet with earthing contact, shuttered, black, set at 35° · Painted in white, similar to RAL9010
902.403	· 2 x socket outlet with earthing contact, shuttered, black, set at 35° · Painted in stainless steel
2 x custom module + power socket outlets	**Length: approx. 239 mm** C
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; including mounting bracket	
902.211	· 2 x socket outlet with earthing contact, shuttered, black, set at 35° · Painted in white, similar to RAL9010
902.411	· 2 x socket outlet with earthing contact, shuttered, black, set at 35° · Painted in stainless steel
2 x custom module + power socket outlets	**Length: approx. 274 mm** C
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; including mounting bracket	
902.207	· 2 x UK 3.15 A individually fused, shuttered, black, set at 45° · Painted in white, similar to RAL9010
902.407	· 2 x UK 3.15 A individually fused, shuttered, black, set at 45° · Painted in stainless steel

C Custom module

DESK 2 power strips

Art. no.	Version
C	**2 x custom module + power socket outlets** **Length: approx. 282 mm**
	Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; including mounting bracket
902.201	· 3 x socket outlet with earthing contact, shuttered, black, set at 35° · Painted in white, similar to RAL9010
902.205	· 3 x French / UTE socket outlet, shuttered, black, set at 35° · Painted in white, similar to RAL9010
902.209	· 3 x Swiss / CH T13 socket outlet, black, set at 90° · Painted in white, similar to RAL9010
902.401	· 3 x socket outlet with earthing contact, shuttered, black, set at 35° · Painted in stainless steel
902.405	· 3 x French / UTE socket outlet, shuttered, black, set at 35° · Painted in stainless steel
902.409	· 3 x Swiss / CH T13 socket outlet, black, set at 90° · Painted in stainless steel
C	**3 x custom module + power socket outlets** **Length: approx. 324 mm**
	Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; including mounting bracket
902.202	· 3 x socket outlet with earthing contact, shuttered, black, set at 35° · Painted in white, similar to RAL9010
902.402	· 3 x socket outlet with earthing contact, shuttered, black, set at 35° · Painted in stainless steel

DESK 2 power strips

Art. no.	Version
U C	**DESK 2 with 1 x USB double charger (5.2 V/2.15 A), 1 x custom module + power socket outlets**
	Aluminium profile; power input 0.2 m H05VV-F3G 1.5mm² with GST 18; including mounting bracket
902.228	· 2 x socket outlet with earthing contact, shuttered, black, set at 35° · Length 241.2 mm · Painted in white, similar to RAL9010
902.232*	· 2 x French / UTE socket outlet, shuttered, black, set at 35° · Length 239.2 mm · Painted in white, similar to RAL9010
902.231	· 2 x UK 3.15 A individually fused, shuttered, black, set at 45° · Length 284.2 mm · Painted in white, similar to RAL9010
902.428	· 2 x socket outlet with earthing contact, shuttered, black, set at 35° · Length 241.2 mm · Painted in stainless steel
902.432*	· 2 x French / UTE socket outlet, shuttered, black, set at 35° · Length 239.2 mm · Painted in stainless steel
902.431	· 2 x UK 3.15 A individually fused, shuttered, black, set at 45° · Length 284.2 mm · Painted in stainless steel

You can also use the product configurator at bachmann.com

* No storage type

U USB double charger for mobile devices

C Custom module

DESK 2 power strips

Art. no.	Version
DESK 2 with 1 x USB double charger (5.2 V/2.15 A), 2 x custom module + power socket outlets	C U
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; including mounting bracket	
902.229*	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°
	· Length 281.7 mm
	· Painted in white, similar to RAL9010
902.230*	· 2 x Swiss / CH T13 socket outlet, black, set at 90°
	· Length 281.7 mm
	· Painted in white, similar to RAL9010
902.429*	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°
	· Length 281.7 mm
	· Painted in stainless steel
902.430*	· 2 x Swiss / CH T13 socket outlet, black, set at 90°
	· Length 281.7 mm
	· Painted in stainless steel

DESK 2 power strips, equipped

Art. no.	Version
1 x custom module + power socket outlets	**Length: approx. 239 mm** C
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; including mounting bracket	
902.301	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°
	· Painted in white, similar to RAL9010
	· 1 x CAT6 coupling socket/socket
	· 1 x USB A/A 3.0 keystone module
	· 1.5 m separate device supply cable, GST18/earthing contact
902.501	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°
	· Painted in stainless steel
	· 1 x CAT6 coupling socket/socket
	· 1 x USB A/A 3.0 keystone module
	· 1.5 m separate device supply cable, GST18/earthing contact

2 x custom module + power socket outlets	**Length: approx. 282 mm** C
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; including mounting bracket	
902.302	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°
	· Painted in white, similar to RAL9010
	· 2 x CAT6 coupling socket/socket
	· 1 x USB A/A 3.0 keystone module
	· 1 HDMI keystone socket/socket
	· 1.5 m separate device supply cable, GST18/earthing contact
902.502	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°
	· Painted in stainless steel
	· 2 x CAT6 coupling socket/socket
	· 1 x USB A/A 3.0 keystone module
	· 1 HDMI keystone socket/socket
	· 1.5 m separate device supply cable, GST18/earthing contact

Accessories

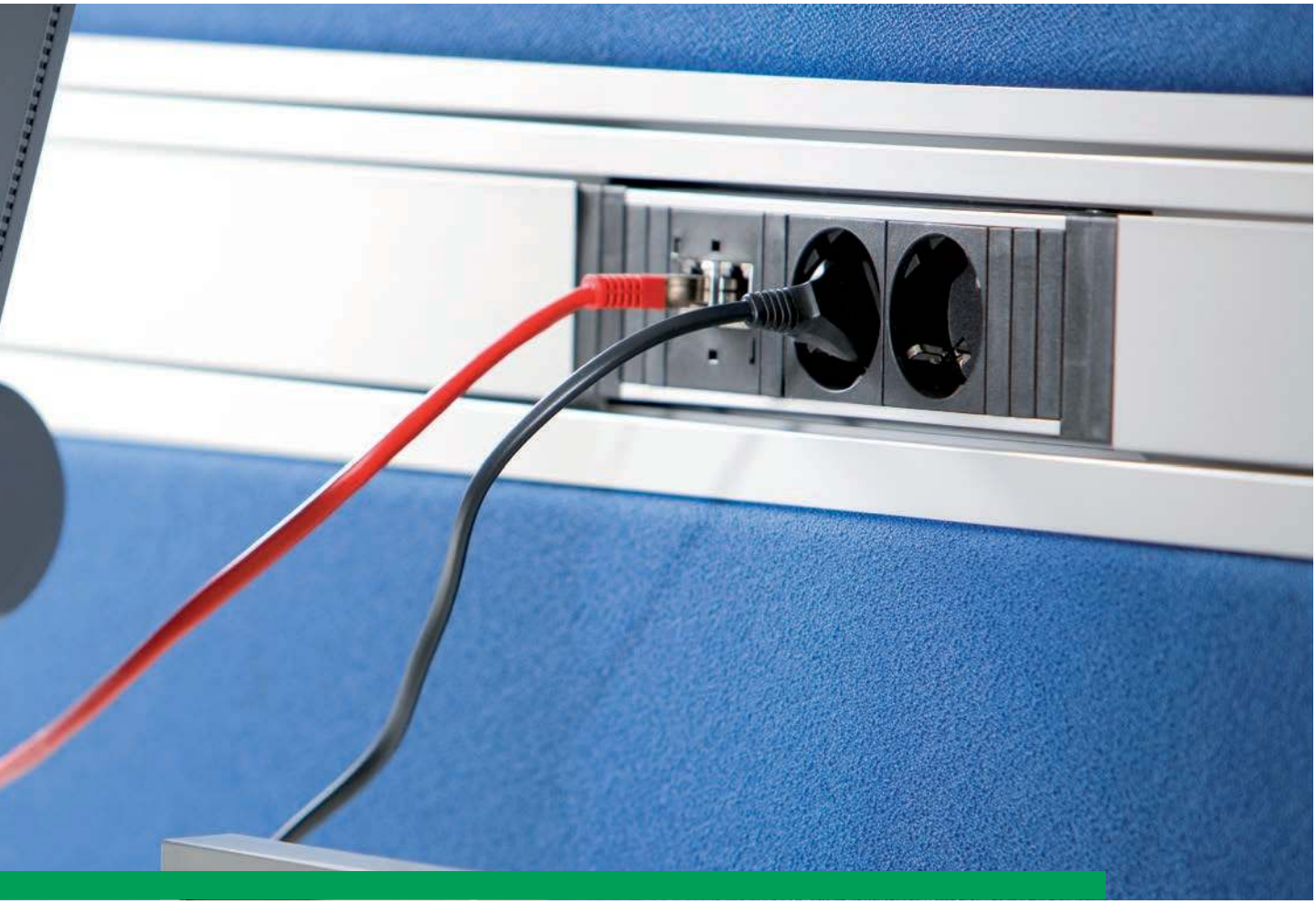
Art. no.	Version
DESK 2 cable management	
Covered cabling to the underside of desk or table edge	
918.106	· Plastic, painted in white similar to RAL9010
918.107	· Plastic, painted in stainless steel

DESK 2 adhesive base	
Covered cabling to the underside of desk or table edge	
918.110	· 2 x adhesive base set, plastic, painted in white similar to RAL9010
	· 2 x TESA POWER STRIP
918.111	· 2 x adhesive base set, plastic, painted in stainless steel
	· 2 x TESA POWER STRIP

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

U USB double charger for mobile devices

C Custom module



STEP

Fit for the future - step by 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, partition systems, false floors and other connection types.

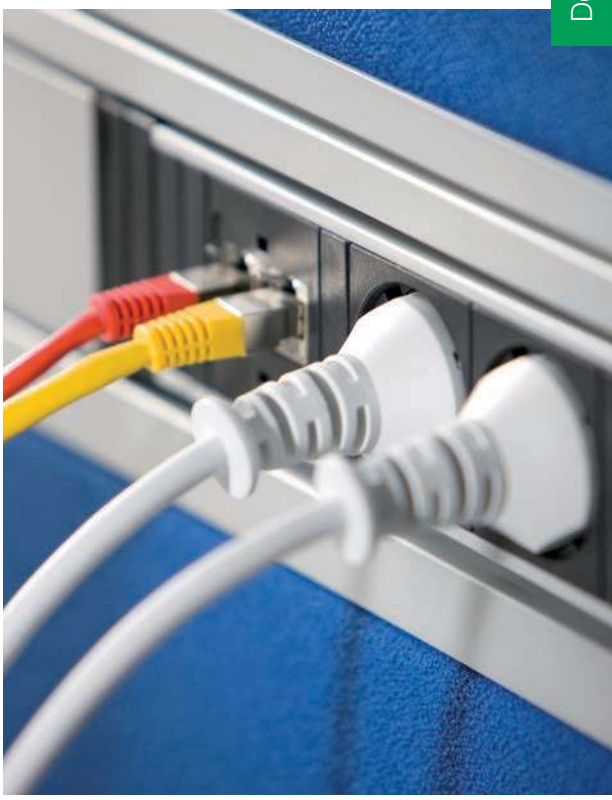
The modular design of STEP power strips makes for virtually endless possibilities: from simple sets for supplying electricity to power strips with integrated data connections, RCDs/MCBs, overvoltage protection, connections for media technology and much more.

The benefits at a glance

- Consistent modularity
- Versatile applications
- Standard connection system
- Can be expanded at any time
- Functional efficiency

For electricity distribution STEP uses the Wieland connector system as standard and can therefore be supplied with a variety of cable lengths. Other plug connection systems can also be supplied on request.

STEP delivers individual tailor-made solutions meeting all the requirements of modern power and data supply. In short: Fit for the future - step by step.



STEP is ideal for the flexible delivery of power and data to workstations, partition systems, false floors and other connection types.

STEP combination options

You can plug separate modules together or combine them as you wish with a connecting cable. Thus STEP gives you your own custom power distribution system. Other plug-in connection systems (e.g. Wago Winsta, Woertz, Ensto) can be supplied on request.

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.

Multiple fixing options

STEP power strips are versatile in their application. They can be fitted for example under tabletops/desktops, in cable ducts and in partitions. Different attachment options are available to suit these various applications (see from page 139).

You can also use the product configurator at bachmann.com

STEP

Power cables and custom modules are available separately. See glossary for country-specific information.

Art. no.	Version
STEP BASE: Power socket outlets	**Length: approx. 220 mm (note special lengths)**
Plastic profile; power input: GST18 / power output: GST18	
336.600	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°
336.601	· 3 x socket outlet with earthing contact, shuttered, red, set at 35°
336.603	· 3 x French / UTE socket outlet, shuttered, black, set at 35°
906.1306	· 2 x UK 3.15 A individually fused, shuttered, black, set at 45°
906.0059	· 2 x UK 3.15 A individually fused, shuttered, black, set at 45°, 2 switches, length 244 mm
906.0055	· 4 x UK 3.15 A individually fused, shuttered, black, set at 45°, length 322 mm
906.0060	· 4 x UK 3.15 A individually fused, shuttered, black, set at 45°, 1 switches, length 364,7 mm

STEP BASE: Power socket outlets	**Length: approx. 262.5 mm (note special lengths)**
Plastic profile; power input: GST18 / power output: GST18	
336.604	· 4 x socket outlet with earthing contact, shuttered, black, set at 35°
336.606	· 4 x French / UTE socket outlet, shuttered, black, set at 35°
336.626	· 5 x socket outlet with earthing contact, shuttered, black, set at 35°, length 305 mm

STEP ALU: Power socket outlets	**Length: approx. 220 mm (note special lengths)**
Aluminium profile; power input: GST18 / power output: GST18	
336.039	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°
336.067	· 3 x socket outlet with earthing contact, shuttered, red, set at 35°
906.1075	· 3 x French / UTE socket outlet, shuttered, black, set at 35°, length 220 mm
336.046	· 4 x French / UTE socket outlet, shuttered, black, set at 35°, length 262.5 mm
336.072	· 3 x French / UTE socket outlet, shuttered, red, set at 35°
336.088	· 4 x French / UTE socket outlet, shuttered, red, set at 35°, length 262.5 mm
906.1086*	· 3 x Swiss / CH socket outlet, black, set at 90°

STEP ALU: 1 x custom module + power socket outlets	**Length: approx. 220 mm** C
Aluminium profile; power input: GST18 / power output: GST18	
906.000	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°
906.002	· 2 x French / UTE socket outlet, shuttered, black, set at 35°
906.071	· 2 x Swiss / CH socket outlet, black, set at 90°
336.079	· 2 x UK 3.15 A individually fused, shuttered, black, set at 45° (length 284.5 mm)

STEP ALU: 2 x custom module + power socket outlets	**Length: approx. 262.5 mm** C
Aluminium profile; power input: GST18 / power output: GST18	
906.001	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°
906.009*	· 2 x French / UTE socket outlet, shuttered, black, set at 35°
906.080*	· 2 x Swiss / CH socket outlet, black, set at 90°

STEP ALU: 1 x switch + power socket outlets	**Length: approx. 262.5 mm (note special lengths)**
Aluminium profile: Power input: GST18 / power output: GST18	
906.003	· 3 x socket outlet with earthing contact, shuttered, black, set at 35° · Switch controls sockets only (not power output)
906.031	· 3 x socket outlet with earthing contact, shuttered, black, set at 35° · Switch controls both sockets and power output
906.150	· 2 x socket outlet with earthing contact, shuttered, black, set at 35° (length 358.5 mm) · Switch controls both sockets and power output · Residual current device, 16A, tripping current 30mA, response time 30 ms, 2-pole

STEP ALU: 1 x USB double charger (5.2 V/2.15 A), 1 x custom module + power socket outlets L: approx. 262.8 mm C U	
Aluminium profile; power input: GST18 / power output: GST18	
906.0113*	· 2 x socket outlet with earthing contact, shuttered, black, set at 35°

U USB double charger for mobile devices C Custom module * No storage type

All STEP safety modules are compatible with STEP ALU and STEP BASE

See glossary for country-specific information. **Power cables and custom modules are available separately.**

Art. no.	Version
STEP ALU overvoltage protection, GST18	**Length: approx. 147 mm**
Aluminium profile; power input: GST18 / power output: GST18	
336.003	· Overvoltage protection 2 kV with function and fail indicator
STEP ALU overvoltage protection + mains and frequency filters, GST18	**Length: approx. 220 mm**
Aluminium profile; power input: GST18 / power output: GST18	
336.004	· Overvoltage protection 2 kV with function and fail indicator and mains filter 30 MHz
STEP ALU MCB, GST18	**Length: approx. 220 mm**
Aluminium profile; power input: GST18 / power output: GST18	
336.015	· Miniature circuit-breaker 16 A, 2-pole · Characteristic B
STEP ALU RCD, GST18	**Length: approx. 220 mm**
Aluminium profile; power input: GST18 / power output: GST18	
336.014	· Residual current device, tripping current 30 mA, response time 30 ms, 2-pole
STEP ALU RCD, GST18	**Length: approx. 220 mm**
Aluminium profile; power input: GST18 / power output: GST18	
906.067	· Residual current device, tripping current 10mA, response time 30 ms, 2-pole · Power input: GST18i3 plug, power output: GST18i3 socket
STEP ALU RCD/MCB, GST18	**Length: approx. 220 mm**
Aluminium profile; power input: GST18 / power output: GST18	
336.065	· Combined RCD/MCB comprising: · Residual current device, tripping current 30 mA, response time 30 ms, 2-pole · Miniature circuit-breaker 16 A rated current, 400 V, 2-pole · Characteristic B; 6 kA
STEP ALU master & slave, GST18	**Length: approx. 220 mm**
Aluminium profile; power input: GST18 / power output: GST18	
336.006	· Master & slave circuit with threshold value setting 10 W and higher · Effective power: 0.29W / apparent power: 1.05W
E **STEP ALU automatic switchoff**	**Length: approx. 263 mm**
Aluminium profile; power input: GST18 / power output: GST18	
906.005	· 1 x automatic switchoff with socket outlet · 1 x button connection with 0.5 m cable and plug-in connector · to link to module 917.060

You can also use the product configurator at bachmann.com

STEP accessories

Art. no.	Version
Mounting accessories	
375.502	Contents: · 4 x 2.9 x 30 mm screw · 2 x cover strip for the end caps as optical finish (to be placed on the end caps where two power strips are linked together) · 1 x connection cover · 1 x end cap for power output socket
Stainless steel mounting bracket	
940.096	· For insertion into the rear of a STEP profile · Ideal for use with power strips with data connections · Packing unit: 2 items
Stainless steel mounting bracket with elongated hole	
940.024	· For insertion into the rear of a STEP profile · With elongated hole (keyhole) for screwing into place, ideal when using · power strips with data connections · Packing unit: 1 item left, 1 item right
Stainless steel mounting plate, flat	
940.097	· For insertion into the rear of a STEP profile · For screw fixing e.g. under a desk or table · Packing unit: 2 items
STEP cover plates	
375.529	· Fit over the end caps of STEP power strips · Visual finish · Black plastic · Packing unit: 2 items
Sheet steel mounting plate	
940.108	· For insertion into rear of STEP profile · Tighten the nut on the threaded screw to fix the · power strip in place Contents: · 1 mounting plate including M5 screw, washer and nut
STEP plastic mounting clip	
918.025	· For attaching STEP BASE and STEP ALU power strips · in suitable cut-outs in sheet steel (thickness 2.0 mm) Contents: · 2 x plastic mounting clip · 4 x screw 2.9 x 30 mm

Earthed power supply cable to STEP unit, see Accessories section

· Pre-assembled power supply cables with integrated earth connection
· Earthing of the power strip is independent of the installation
· Ideal in combination with STEP power strips (see from page 137)

Illustration with CONI COVER

UNIVERSAL
Multiple-socket outlets

The benefits at a glance

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

UNIVERSAL multiple-socket outlets

Art. no.	Version	
UNIVERSAL power strips: 1 x custom module + power socket outlets, aluminium profile		C
power input 3.0 m H05VV-F3G 1.5mm² with right-angled earthing contact plug; incl. mounting bracket		
922.0111	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°	
922.0231	· 3 x French / UTE socket outlet, shuttered, black, set at 35°	
922.096	· 3 x Italian / IT socket outlet, shuttered, black	

UNIVERSAL power strips: 2 x custom module + power socket outlets, aluminium profile		C
Power input 3.0 m H05VV-F3G 1.5mm² with right-angled earthing contact plug; incl. mounting bracket		
922.0181	· 5 x socket outlet with earthing contact, shuttered, black, set at 35°	
922.083	· 5 x French / UTE socket outlet, shuttered, black, set at 35°	
922.098	· 5 x Italian / IT socket outlet, shuttered, black	

UNIVERSAL power strips: 3 x custom module + power socket outlets, aluminium profile		C
Power input 3.0 m H05VV-F3G 1.5mm² with right-angled earthing contact plug; incl. mounting bracket		
922.0071	· 4 x socket outlet with earthing contact, shuttered, black, set at 35°	
922.082	· 4 x French / UTE socket outlet, shuttered, black, set at 35°	
922.097	· 4 x Italian / IT socket outlet, shuttered, black	

CONI COVER and **UNIVERSAL** – The functional combination. CONI COVER is an elegant way of accessing separate power supply units or standard cable installation systems under the tops of desks and tables.

CONI COVERs are available in our catalogue from page 102

C Custom module

Custom modules

As versatile as your applications

Bachmann custom modules are the central components of video, audio and network connections. Their construction offers you simple and flexible installation in FACILITY SOLUTIONS, rack systems and electrical installations. The versatility of custom modules make Bachmann FACILITY SOLUTIONS even more flexible. With the easy-to-swap modules you can create units to meet the individual data, video and audio connection requirements of your customers quickly and simply.

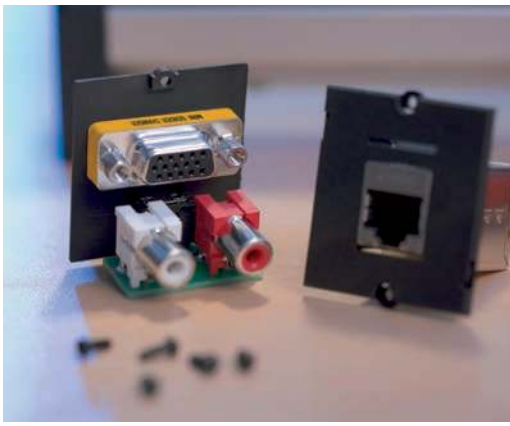
Now Bachmann also offers this flexibility for 19" panel installations. The standard custom modules facilitate optimal configuration for every media and network connection requirement. Again here socket/socket or screw-terminal connections provide great simplicity of installation.

When it comes to electrical installations, Bachmann custom modules are again an outstanding addition. The small number of parts make the custom modules compatible with the current switch ranges of reputable manufacturers. Simple fitting and removal mean that all installations can be quickly adapted to changed requirements or brought up to the current state of the art.

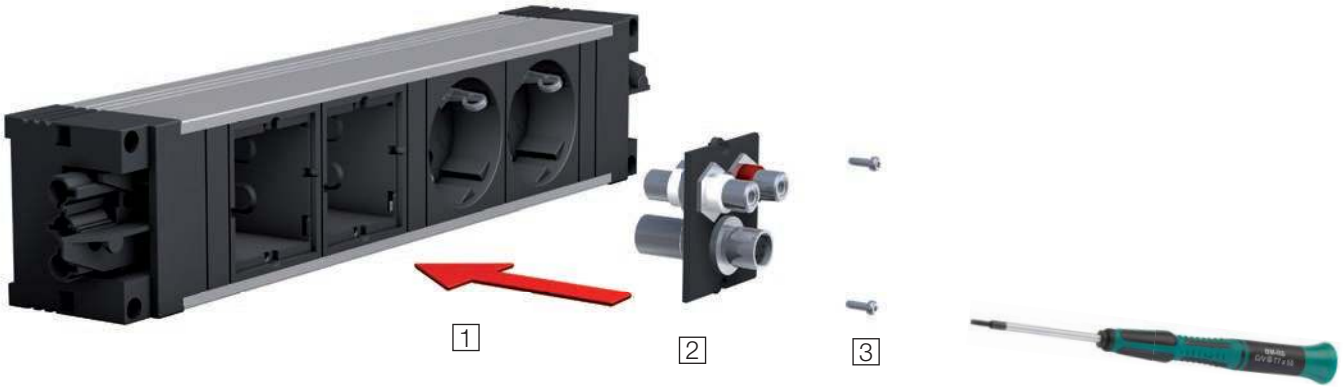
Power strips

19" media racks

Electrical installations



You can also use the product configurator at bachmann.com



Torx T6 (917.040)

The empty built-in frame 1 of Bachmann FACILITY SOLUTIONS accommodates the custom modules 2, which are fixed in place with two Torx screws. The custom modules can be easily exchanged by loosening the screws.

Custom modules in FACILITY SOLUTIONS

Individual configuration

Modern technology and strong ideas are at the heart of each and all Bachmann FACILITY SOLUTIONS. With expansion-compatible multiple-socket outlets and Facility custom modules for individual configuration, these systems provide the ideal basis for setting up flexible connections. Practical units provide secure networking in the office, while elegantly designed, concealed supply systems offer trouble-free communications for conferences. In addition to the socket outlets integrated ex factory, Bachmann Facility products include empty modules for individual configuration. Custom modules are supplied complete with screws.

The greatest flexibility - prepared for the future

Whenever you change the configuration you have the opportunity to upgrade your equipment to the latest state of the art. Built-in insulation protects you from contact with live parts. There is no requirement to recheck the electrical connections of the unit after changing modules, and the warranty is not affected.
You can find FACILITY SOLUTIONS products in the main Bachmann catalogue and in the separate FACILITY SOLUTIONS catalogue.

● Compatible with Bachmann FACILITY SOLUTIONS

1

2

3

Torx T6 (917.040)

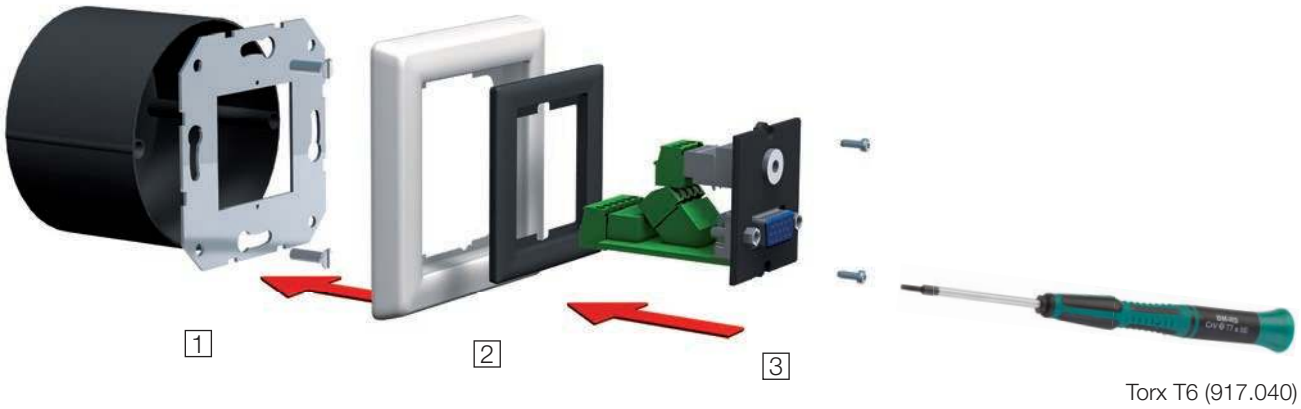
Our 19" racks 1 accept custom modules 2, which are simply inserted and screwed in. System integration is made easy with the open design and socket/socket or screw-terminal custom modules.

Custom modules in rack installations

Full integration of media and network technologies

The 19" panels offer simple and flexible integration of media and network technologies into your rack system. The custom modules, easily screwed into place (Torx M2 screws 3 included with the panels) enable you to respond to changes in system requirements at any time. Socket/socket and screw-terminal technology offers a compact and clearly arranged installation. The panels are particularly economical on space, requiring only 1.5 height units (67 mm).

● Compatible with Bachmann IT rack panel



Torx T6 (917.040)

Using a mounting plate 1 and adapter frame 2 (see page 150), custom modules 3 can be installed in a switch box.

Custom modules in electrical installations

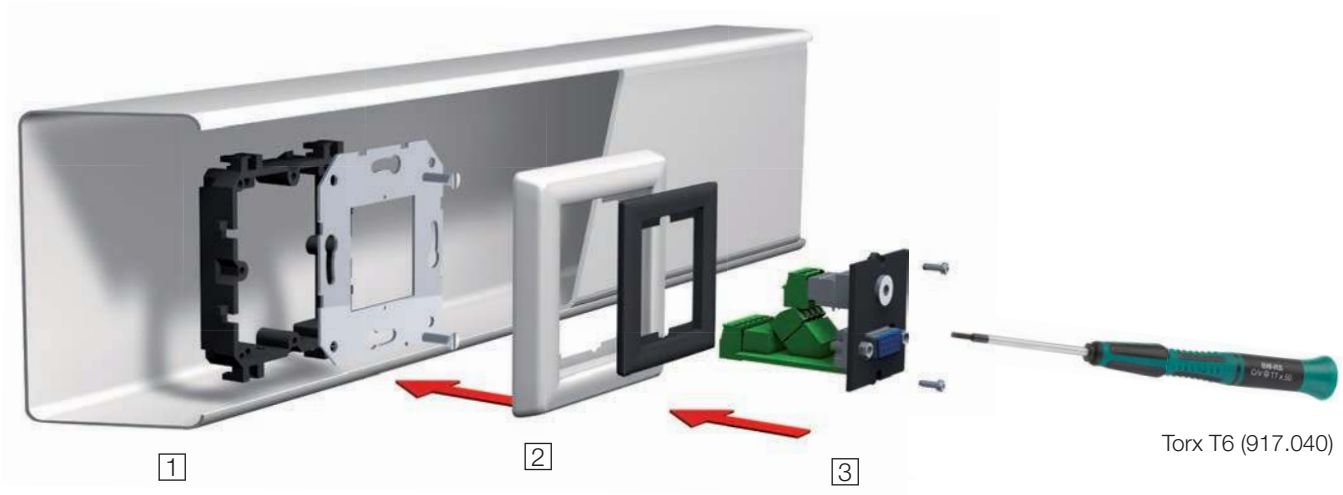
Unlimited installation options

The addition of a few extra components opens up whole 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 the current switch ranges of reputable manufacturers.
The connections to the rear can be made either as socket/socket or via screw terminals. No complicated soldering or cabling is required. A compatibility list of custom modules for the switch ranges of various manufacturers can be found on page 148 onwards.

917.064 mounting plate (suitable Torx M2 screws included)

Adapter frame, 50x50 mm and 55x55 mm, in black or white

Example of mounting box for trunking
You can obtain various mounting or device boxes from trunking manufacturers



Torx T6 (917.040)

The mounting box is inserted into the trunking.
This forms the base onto which the mounting plate 1
and adapter frame 2 (50x50 mm or 55x55 mm) and the
Bachmann custom module are bolted 3

Bachmann custom modules 3 can even be fitted into conventional floor boxes. The custom module bracket 4 for floor-box systems allows the custom module to be fitted directly. There is thus no need for a mounting plate 1 or adapter frame 2 . The Bachmann custom module bracket 4 is suitable for various makes of floor box. Please check the installation depth required by the custom modules.

4

- Compatible with Bachmann INSTALLATION

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	11.087.104
	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
	pulse	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	143.090.045
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 2.831.611
	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	0.289.202
	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	–
	A creation	917.066	917.169	–
	LS-design	917.066	917.169	AL2961Z5-L ES2961Z5-L
	LS 990	917.066	917.169	LS961Z5WW LS961Z5SW LS961Z5AL

* Name and product designation of manufacturer

** Also order the appropriate Bachmann adapter frame for fitting in the switch range.

Manufacturer*	Switch range*	Bachmann adapter frame** Colour black	Bachmann adapter frame** Colour white	+ Adapter manufacturer number
Jung	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

* Name and product designation of manufacturer

** Also order the appropriate Bachmann adapter frame for fitting in the switch range.

Switch range

Art. no.	Version
Custom module mounting plate for switch range	**Stainless steel**
917.064	· Stainless steel mounting plate suitable for conventional devices, for flush-mounted, · cavity and device boxes for trunking · Incl. 2 x Torx M2 screws · For trunking an additional mounting box is required · (see manufacturer's range)

Adapter frame for switch range	**Plastic**
917.065	· external dimensions: 50 x 50 mm · Colour: Black similar to RAL 9005 · For fitting in standard switch range (50 x 50 mm internal dimensions) · together with stainless steel mounting plate 917.064 · Please note the compatibility list on page 148 onwards

Adapter frame for switch range	**Plastic**
917.168	· external dimensions: 50 x 50 mm · Colour: White similar to RAL9010 · For fitting in standard switch range (50 x 50 mm internal dimensions) · together with stainless steel mounting plate 917.064 · Please note the compatibility list on page 148 onwards

Adapter frame for switch range	**Plastic**
917.066	· external dimensions: 55 x 55 mm · Colour: Black similar to RAL 9005 · For fitting in standard switch range (55 x 55 mm internal dimensions) · together with stainless steel mounting plate 917.064 · Please note the compatibility list on page 148 onwards

Adapter frame for switch range	**Plastic**
917.169	· external dimensions: 55 x 55 mm · Colour: White similar to RAL9010 · For fitting in standard switch range (55 x 55 mm internal dimensions) · together with stainless steel mounting plate 917.064 · Please note the compatibility list on page 148 onwards

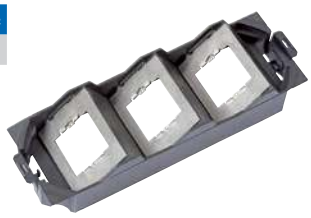
Floor boxes

Art. no.	Version
Floor box mounting 2 x	**Sheet steel**
2 x custom module	
917.068	· For fitting in OBO Bettermann device case/floor-box systems · Accepts 2 custom modules (transverse mounting) · Incl. Torx M2 screws

Floor box mounting 3 x	**Sheet steel**
3 x custom module	
917.067	· For fitting in OBO Bettermann device case/floor-box systems · Accepts 3 custom modules (transverse mounting) · Incl. Torx M2 screws

Floor box mounting 2 x	**Black plastic**
2 x custom module	
917.139	· Mounting for Electraplan floor boxes · Accepts 2 custom modules (transverse mounting) · Incl. Torx M2 screws for custom modules

Floor box mounting 3 x	**Black plastic**
3 x custom module	
917.140	· Mounting for Electraplan floor boxes · Accepts 3 custom modules (transverse mounting) · Incl. Torx M2 screws for custom modules



Media racks / IT panels

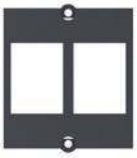
Art. no.	Version
19" custom module panel 1.5 HU Black anodised aluminium	
903.003	· Accepts up to 9 custom modules · Incl. bracket

Modules for keystone data connections

All modules are supplied with 2 Torx T6 screws.

Art. no.	Version
Custom module 2 x keystone	
917.000	· Module, black, accepts 2 data sockets with keystone fitting
● ● ● ●	· Suitable for the data sockets listed below
917.158	· Module, white, accepts 2 data sockets with keystone fixing
● ● ● ●	· Suitable for the data sockets listed below

Custom module 1 x keystone	
917.001	· Module, black, accepts 1 data socket with keystone fitting
● ● ● ●	· Suitable for the data sockets listed below
917.159	· Module, white, accepts 1 data socket with keystone fixing
● ● ● ●	· Suitable for the data sockets listed below



Custom module 2 x keystone with metal holder	
917.061	· Module, black, accepts 2 data sockets with keystone fitting
	· Keystone fitting with metal holder on rear of cover for high mechanical stresses
● ● ● ●	· Suitable for the data sockets listed below

Custom module 1 x keystone with metal holder	
917.062	· Module, black, accepts 1 data socket with keystone fitting
	· Keystone fitting with metal holder on rear of cover for high mechanical stresses
● ● ● ●	· Suitable for the data sockets listed below

Data connections for custom modules 917.000, 917.001, 917.061 and 917.062

Socket / socket (Suitable data cables can be found in the accessories)

Art. no.	Version
Keystone module CAT6 coupling socket/socket	
940.044	· Type: BTR E-DAT
	· Front: RJ45 (keystone fixing), rear: RJ45 (E-DAT mounting)
● ● ●	· Shielded

Keystone module CAT6 coupling / socket / socket	
940.083	· Front: RJ45 (keystone fixing), rear: RJ45 (keystone fixing)
● ● ●	· Shielded

Keystone module CAT6 coupling socket/socket	
940.112	· Front: RJ45 (keystone fixing), rear: RJ45 (keystone fixing)
● ● ●	· Unshielded

Keystone module CAT5e coupling socket/socket	
940.057	· Front: RJ45 (keystone fixing), rear: RJ45 (keystone fixing)
● ● ●	· Shielded

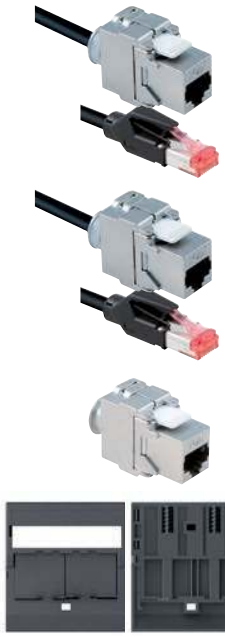
Keystone module ISDN RJ12 socket/socket	
940.085	· Front: RJ12 (keystone fixing), rear: RJ12 (keystone fixing)
● ● ●	· Unshielded

Keystone socket cover	
917.057	· Socket cover, clips into an empty keystone socket
	· Can be used as a placeholder for sockets inserted subsequently
● ● ● ●	· Suitable for 917.000 / 917.001 / 917.061 / 917.062

Data connections for custom modules 917.000, 917.001, 917.061 and 917.062

Socket/supply cable

Art. no.	Version
CAT6a 10GB Patch cable plug / socket 3.0 m	
918.033	· Front: Socket RJ45 CAT6a TKM 10GB · Cable, black, with RJ45 plug · Shielded
CAT6a 10GB Patch cable plug / socket 5.0 m	
918.034	· Front: Socket RJ45 CAT6a TKM 10GB · Cable, black, with RJ45 plug · Shielded
CAT6a 10GB socket TKM	
918.035	· CAT6 connector socket TKM 10GB · Without cable (designed for tool-free connection of data cable) · Shielded
RJ 45 shutter	
930.143	· Cover for keystone custom module · Does not require tools · Suitable for custom modules 917.000 / 917.001 / 917.051 / 917.052 · With paper labelling strips · Universally suits 1 and 2 data connections · Ideal as dust cover for data socket contacts when not in use



Keystone media technology links

Art. no.	Version
Keystone module 1 x HDMI	**Black**
918.040	· Front: HDMI socket · Rear: HDMI socket without cable · Fits into keystone frame 917.000 or 917.001 · Requires approx. 85 mm installation depth
Keystone module 1 x 3.5 mm miniature jack	**Black**
917.157	· Front: 3.5 mm stereo miniature jack socket · Rear: 3.5 mm stereo miniature jack socket with approx. 0.1 m cable · Fits into keystone frame 917.000 or 917.001 · Requires approx. 65 mm installation depth
Keystone module 1 x mini display port	**Black**
917.214	· Front: Mini display port socket · Rear: Display port plug with approx. 0.5 m cable · 0.5 m breakout cable · Requires approx. 85 mm installation depth

USB 3.0 accessories

USB 3.0 keystone modules

Art. no.	Version
Keystone module USB 3.0 A/B USB	**Black**
917.400	· Front: USB A socket / rear: USB B socket · Fits into keystone frame 917.000 or 917.001 · Requires approx. 85 mm installation depth
Keystone module USB 3.0 B/A	**Black**
917.401	· Front: USB B socket / rear: USB A socket · Fits into keystone frame 917.000 or 917.001 · Requires approx. 85 mm installation depth
Keystone module USB 3.0 A/A (straight through)	**Black**
917.120	· Front: USB socket A / rear: USB socket A · Fits into keystone frame 917.000 or 917.001 · Requires approx. 85 mm installation depth

USB 3.0 connecting cable

Art. no.	Length	Version
USB 3.0 A/B connecting cable		
917.1205	1.0 m	· USB A/B connecting cable, black
917.1203	3.0 m	· End 1: Plug A / end 2: Plug B · Fully wired
USB 3.0 A/A connecting cable (straight through, not for host-to-host connection)		
918.176	1.0 m	· USB A/A connecting cable, black, grey plug
918.178	2.0 m	· End 1: Plug A / end 2: Plug A
918.177	3.0 m	· Can be used with custom modules with USB A socket · (e.g. 917.018 / 917.019 / 917.400 / 917.401) · Fully wired straight through, not suitable for host-to-host connection

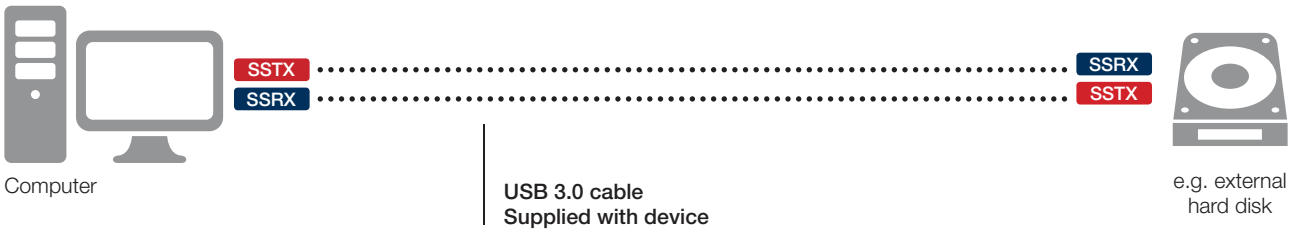
USB 3.0 connecting cable for host-to-host connection

Art. no.	Length	Version
USB 3.0 A/A connecting cable (crossed, for host-to-host connection)		
918.081	1.0 m	· USB A/A connecting cable, black, black plug
918.083	1.8 m	· End 1: Plug A / end 2: Plug A
918.082	3.0 m	· Can be used with custom modules with USB A socket · (e.g. 917.018 / 917.019 / 917.400 / 917.401) · Fully wired, 3.0 data pairs crossed for host-to-host connection

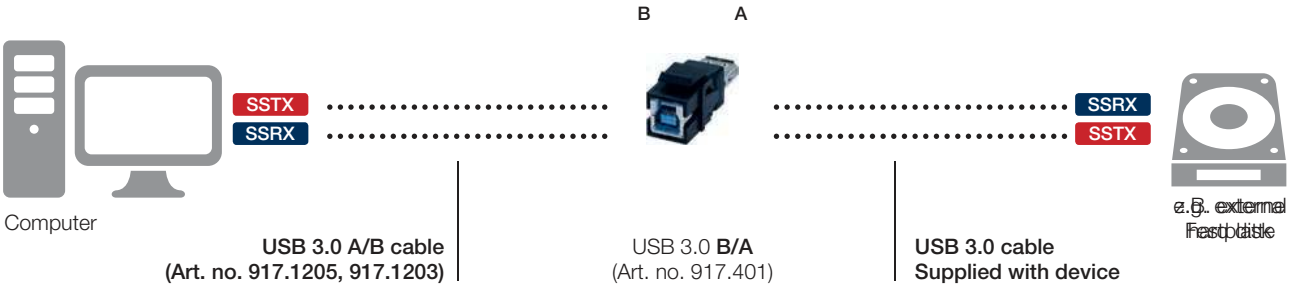
The right components

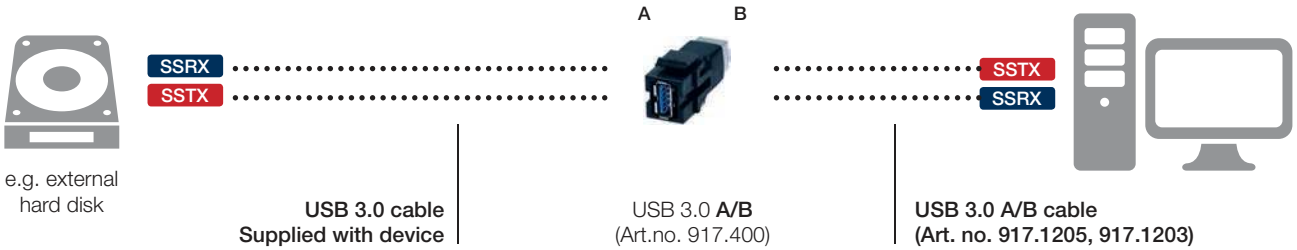
USB 3.0

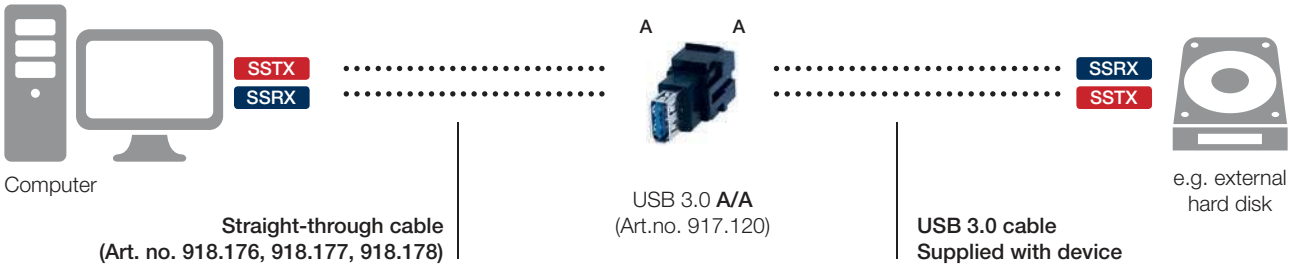
Conventional USB 3.0 direct connection, without keystone modules



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







Please note

Unlike USB 2.0, USB 3.0 cables have an extra earth connection and two additional signal wire pairs:

SSTX+ and SSTX- for data transmission from host to device, SSRX+ and SSRX- for data transmission from device to host.

Active components require straight-through USB 3.0 cables for communication. Because our USB 3.0 A/A keystone module is straight-through, a straight-through cable must also be used. If the components are not used as described above (crossed USB cables), the data speed of USB 3.0 is reduced to USB 2.0 speed even though only USB 3.0 components are being used. USB 3.0 SuperSpeed data connections are only possible up to a total cable length of 4.5 m. If keystone modules are used, shorter cables are required. Cable quality is an important factor for high data rates. We recommend Bachmann USB 3.0 cables.

OWG connections

Art. no.	Version
OWG-LC duplex keystone module	
918.071	· OWG-LC duplex coupler
●●●●	· Keystone fixing

OWG-ST duplex keystone module	
918.073	· OWG-ST duplex coupler
●●●●	· Keystone fixing

TOSLINK keystone module	
918.045	· TOSLINK optic fibre audio coupler
●●●●	· Keystone fixing

OWG-SC keystone module	
918.072	· OWG-SC coupler
●●●●	· Keystone fixing

OWG-MT-RJ keystone module	
918.074	· OWG-MT-RJ coupler
●●●●	· Keystone fixing

Cable bushing

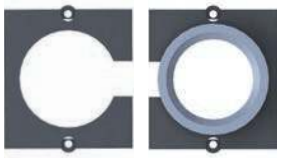
Frontseite

Rückseite

Custom module 1 x data cable bushing

917.032 · Module with drill hole and 2-part cable bushing for data cables up to 11 mm in diameter

●●



Custom module 1 x VGA cable bushing

917.033 · 1 x 2-part cable bushing, ideal for routing VGA cables, without cable.

●● · Suits cables up to 24 mm in diameter

Modules for data connections

· All modules are supplied with 2 x Torx T6 screws.

BTR**
· E-DAT module CAT6a 8(8)
· E-DAT module coupling 8(8) CAT6

DAETWYLER**
· unilan MS 1/8 CAT6 RJ45
· unilan RJ45 feedthrough coupling CAT6
· unilan MU 1/8 CAT6 RJ45

KERPEN**
· VarioKeystone RJ45 socket module

Custom module 2 x BTR E-DAT module CAT6

917.038 · Module with cut-out and mounting module for 2 x BTR E-DAT module CAT6 (not included)

●●●● · Also suitable for Daetwyler Unilan module MS 1-8

Custom module 1 x BTR E-DAT module CAT6

917.006 · Module with cut-out and mounting module for 1 x BTR E-DAT module CAT6 (not included)

●●●● · Also suitable for Daetwyler Unilan module MS 1-8

Custom module 1 x Systimax CAT6

917.003 · Module with cut-out and mounting plate for 1 x Systimax CAT6 MGS500 and MGS400 series

●●●● · (not included)

Modules for data connections

· All modules are supplied with 2 x Torx T6 screws.

Art. no.	Version
Custom module 1 x RDM CAT6	
917.005	· Module with cut-out and mounting plate for
●●●●	· 1 x Reichle de Masari (RDM) CAT6 (not included)

Custom module 1 x BKS	
917.153	· Module with cut-out for data connections BKS (RJ, RJ250, RJUTP, RJpro and MMC3000pro): can be used with mounting clip 403-7540xx (not supplied)
	· Also suitable for Kerpen ELine 1200 C7 socket when combined with the ELine EC7 adapter clip
●●●●	· LKD9ZE300210000), not supplied

Custom module Nexans 2 x	
917.052	· Module, black, with cut-out for 2 x Nexans LANmark-6 CAT6 (can be clipped in with Nexans keystone clip)
●●●●	· Data socket and keystone clip available separately

Custom module Nexans 1 x	
917.051	· Module, black, with cut-out for 1 x Nexans LANmark-6 CAT6 (can be clipped in with Nexans keystone clip)
●●●●	· Data socket and keystone clip available separately

Custom module 1 x Panduit CAT6	
917.007	· Module with cut-out and mounting plate (black) for 1 x Panduit CAT6 (not included)
●●●●	

Custom module 1 x Corning CAT6	
917.002	· Module with cut-out and mounting plate (black) for 1 x Tera CAT6 S250 (not included)
	· Suitable for the following Corning modules: S500 module / CAXASM-00104-C001, S500 fx / CAXASM-00104-C002
	· S10 ten / CAXTSM-00112-C001, S10 ten fx / CAXTSM-00112-C004, S250 module / CAXESM-00100-C00
●●●●	· S250 fx / CAXESM-00100-C004, S100 eL / CAXGSM-00100-C001, S100 e / CAXDSM-00100-C001

Custom module 2 x Tera CAT7	
917.039	· Module with cut-out and mounting plate (black) for 2 x Tera CAT7 (not included)
●●●●	· DAETWYLER unilan PS 1/8 CAT7, CORNING S1200 module S1200 shielded CAT7

Custom module 1 x Tera CAT7	
917.008	· Module with cut-out and mounting plate (black) for 1 x Tera CAT7 (not included)
●●●●	· DAETWYLER unilan PS 1/8 CAT7, CORNING S1200 module S1200 shielded CAT7

Manufacturer	917.000	917.001	917.061	917.062	917.038	917.006	917.003	917.002	917.051	917.052	917.053	917.008	917.038	917.007	917.005
Bachmann version															
CAT6 coupling, shielded; art.no.: 940.044	x	x			x	x									
CAT6 coupling, unshielded; art.no.: 940.112	x	x	x	x											
CAT5e coupling art. no.: 940.057	x	x	x	x											
ISDN RJ12 socket unshielded	x	x	x	x											
CAT6a 10GB socket TKM, shielded, for automatic telephone art. no.: 918.035	x	x	x	x											
CAT6a 10GB socket TKM, shielded, with 3.0m cable and RJ45 plug; art. no.: 918.033	x	x	x	x											
CAT6a 10GB socket TKM, shielded, with 5.0m cable and RJ45 plug; art. no.:918.034	x	x	x	x											
Socket cover / blank cover keystone black; art. no.:917.057	x	x	x	x											
RJ45 shutter; art. no.: 930.143	x	x													
OWG-LC duplex keystone; art. no.: 918.071	x	x	x	x											
OWG-SC keystone; art. no.: 918.072	x	x	x	x											
OWG-ST keystone; art. no.: 918.073	x	x	x	x											
OWG-MT-RJ keystone; art. no.: 918.074	x	x	x	x											
TOSLINK keystone; art. no.: 918.045	x	x	x	x											
Tyco Electronics / AMP NETCONNECT*															
AMP TWIST 7 S SL jack; art. no.: PN 0-1711441-1	x	x	x												
AMP TWIST 6S SL jack; art. no.: PN 0-1711160-1	x	x													
AMP TWIST6AS SL jack; art. no.: PN 0-1711592-1	x	x													
ADC KRONE*															
KM8 RJ45 modular keystone shielded; art. no.: PN 6830 1 810-01	x	x	x	x	x	x			x	x	x				
BELDEN*															
Giga Flex keystone	x	x	x	x	x	x			x	x	x				
BTR*															
C6A module 180° jack; art. no.: 130B11-E					x	x									
E-DAT module coupling 8(8) 180° CAT6; art. no.: 1309A0-I					x	x									
UTP module CAT5e T568B; art. no.: 130A08-I, 130A08-I-B1	x	x	x	x	x	x					x				
UAE module CAT5e unshielded; art. no.: 130908-I						x									
UAE module 8(8) CAT6; art. no.: 130909-I, 130909-I-B1						x									
UTP module 8(8) CAT6; art. no.: 130A10-I, 130A10-29-I, 130A10-29-I-B1	x	x	x	x	x	x					x				

* Name and product designation of manufacturer

Manufacturer	917.000	917.001	917.061	917.062	917.038	917.006	917.003	917.002	917.051	917.052	917.053	917.008	917.038	917.007	917.005
COBINET*															
RJ45 socket CobiDat KS IPS 500; art. no.: 6920 1052.1	x	x	x	x											
DAETWYLER*															
Unilan keystone module KU 1/8 Cat.5e unshielded; art. no.: 418 082	x	x	x	x	x	x			x	x					
Keystone module KS-T 5 Cat.5/5e RJ45 shielded; art. no.: 418 055					x	x									
Keystone module KS Cat.6 de-embedded RJ45 shielded; art. no.: 418 050	x	x	x	x	x	x			x	x					
Keystone module KS-TS 6 Cat.6 (Ea) slimline RJ45 shielded: Art. no.: 418 054					x	x									
Module MS 1/8 shielded Cat.6 T568A; art. no.: 185 700	x	x	x	x	x	x			x	x					
RJ45 module MS-K Plus 1/8, Cat.6A (IEC) shielded TIA-A; art. no.: 400 004	x	x	x	x	x	x			x	x					
Module MU 1/8 unshielded Cat.6 T568A; art. no.: 185 750	x	x	x	x											
Keystone module KS-T Cat.6/Ea RJ45 shielded; art. no.: 418 060	x	x	x	x	x	x			x	x					
Unilan module PS-GG45 7A shielded FLEX; art. no.: 400 103					x	x									
Module PS-GG45 7A shielded; art. no.: 400 102															
RJ45 feedthrough coupling MS Cat.6 180 degrees; art. no.: 417 446						x									
RJ45 feedthrough coupling MS Cat.6 90 degrees; art. no.: 417 445	x	x	x	x											
EFB ECOLAN*															
Cat.5e RJ45 keystone jack UTP, snap-in, with LSA strip; art. no.: E-20050	x	x	x	x											
Cat.5e RJ45 keystone jack STP, snap-in, with LSA strip; art. no.: E-20051	x	x	x	x											
Cat.6 RJ45 module STP, de-embedded; art. no.:E-20060	x	x	x	x											
Cat.6 RJ45 module UTP, snap-in, with LSA strip; art. no.:E-20061	x	x	x	x											
Cat.6 modular adapter STP snap-in, metal art. no.:37486.1	x	x	x	x											
Modular adapter Cat.6 UTP snap-in, RJ45 socket/socket; art. no.:37488.1	x	x	x	x											
RJ45 adapter snap-in socket/socket shielded; art. no.: 37508.2	x	x	x	x											
3M*															
Volition RJ45 Cat6A connection module; art. no.: VOLOCK6ASN8	x	x													
GIGAMEDIA*															
RJ45 CAT6 UTP / STP	x	x	x	x											
RJ45 CAT6 contacts 110UTP / STP	x	x	x	x											
RJ45 CAT5e UTP / STP	x	x	x	x											

* Name and product designation of manufacturer

Manufacturer	917.000	917.001	917.061	917.062	917.038	917.006	917.003	917.002	917.051	917.052	917.053	917.008	917.038	917.007	917.005				
KERPEN*																			
Keystone socket cat.6A; art. no.: LKD9ZQ010000000					x	x	x	x	x	x			x	x	x				
MegaLine Connect45 socket module cat.6A (VarioKeystone) shielded; art. no.: LKD9A5020100000										x									
Variokeystone socket module 4K7 cat.7; art. no.:LKD9A4600610000									x	x									
Variokeystone socket module RJ45 cat.6A (ISO/IEC); art. no.: LKD9A4601280000										x									
MegaLine Connect100 socket module RJ45 cat.6A; art. no.: LKD9A9020100000									x	x									
MegaLine Connect100 socket module 8C7A; art. no.: LKD9A9020200000									x	x									
MegaLine Connect100 socket module 4K7A; art. no.: LKD9A9020300000									x	x									
MegaLine Connect45 socket module keystone cat. 6A (ISO/IEC); art. no.: LKD9A5010100000					x	x	x	x											
MC45 socket module keystone CAT.6 (ISO/IEC) ; art. no.:LKD9A501060000					x	x	x	x											
NEXANS* (requires additional keystone clip to fit)																			
LANmark-5 snap-in EVO													x	x					
LANmark-6 EVO RJ45 snap-in													x	x					
LANmark-6 10G snap-in													x	x					
LANmark-7 GG45 snap-in													x	x					
LANmark EVO cat. 5; art. no.: N420.555, N420.556 - with keystone clip N429.627													x	x					
LANmark EVO cat. 6; art. no.: N420.666, N420.667 - with keystone clip N429.627													x	x					
LANmark EVO cat. 6 10G; art. no.: N420.666G, N420.667G - with keystone clip N429.627													x	x					
LANmark EVO cat.6A; art. no.: N420.66A, N420.67A - with keystone clip N429.627													x	x					
LANmark GG45 cat. 7; art. no.: N420.730, N420.731 - with keystone clip N429.620													x	x					
LANmark GG45 cat.7A; art. no.: N420.735, N420.736 - with keystone clip N429.620													x	x					
Panduit*																			
Mini-com mini-jack Cat3 module; art. no.: CJ64BLY																x			
Mini-com TX-5e 28/30 AWG jack module; art. no.: CJT5E88TGBL																x			
Mini-com TX6 plus 28/30 AWG jack module; art. no.: CJT688TGBL																x			

* Name and product designation of manufacturer

Manufacturer	917.000	917.001	917.061	917.062	917.038	917.006	917.003	917.002	917.051	917.052	917.053	917.008	917.038	917.007	917.005
Reichle de Masari*															
CAT6 module RJ45 with mounting plate; art. no.: R302372 / R302373 / R313064													x		
Cat6A module RJ45 (can be fitted with keystone clip); art. no.: R509509 / R509508	x	x	x	x											
Cat6A module RJ45 keystone; art. no.: R509509 / R509508	x	x	x	x											
CAt6A module RJ45 with mounting plate; art. no.: R509504 / R509500													x		
CAt6A module RJ45 snap-in; art. no.: R511999 / R509502 / R511998 / R509506	x	x	x	x											
RUTENBECK*															
UM Cat.6A iso A; art. no.: 13900304	x	x	x	x											
SETEC*															
SeSix eXtra Cat 6A keystone jack (XAKJ) shielded; art. no.: 501415	x	x	x	x	x	x			x	x					
SeSix eXtra Cat 6A keystone jack (XAKJ) shielded; art. no.: 501414	x	x	x	x	x	x			x	x					
TELEGÄRTNER*															
AMJ module K Cat6A; art. no.: J00029K0036	x	x	x	x											
AMJ coupler K Cat6; art. no.: J00029A0061	x	x	x	x											
AMJ coupler K Cat.5e F-F isolated; art. no.: J00029K0052	x	x	x	x											
TKM*															
RJ-MOD-Cat.6; art. no.: 4677682	x	x	x	x											
Modular plug-in connector GG45; art. no.: 4677701	x	x	x	x											

* Name and product designation of manufacturer

Video and audio technology

See the glossary for detailed information on use/application

Front | Rear | Art. no. | Version

Custom module 1 x VGA + miniature jack — **Black**

917.045

- Front: VGA socket and 3.5 mm stereo miniature jack
- Rear: VGA socket and 3.5 mm stereo miniature jack with approx. 0.1 m cable
- Requires approx. 70 mm installation depth

Custom module 1 x VGA + miniature jack — **Black**

917.071

- Front: VGA socket and 3.5 mm stereo miniature jack
- Rear: 10-pole screw terminal (RGBHV) and 3-pole (audio stereo)
- Requires approx. 50 mm installation depth

Custom module 1 x VGA + miniature jack — **White**

917.160

- Front: VGA socket and 3.5 mm stereo miniature jack
- Rear: 10-pole screw terminal (RGBHV) and 3-pole (audio stereo)
- Requires approx. 50 mm installation depth

Custom module 1 x VGA + miniature jack — **Black**

917.073

- Front: VGA socket and 3.5 mm stereo miniature jack
- Rear: 5 x BNC socket with approx. 0.3 m cable (RGBHV) and 3-pole screw terminal (audio stereo)
- Requires approx. 50 mm installation depth

Custom module 1 x VGA + miniature jack — **Black**

917.150

- Front: VGA socket and 3.5 mm stereo miniature jack
- Rear: VGA socket and 3.5 mm stereo miniature jack with approx. 0.2 m cable
- Requires approx. 50 mm installation depth

Custom module 1 x VGA + miniature jack and button for MediaNet switch — **Black**

917.134

- Front: VGA socket and 3.5 mm stereo miniature jack + button, lights up blue
- Rear: VGA socket and 3.5 mm stereo miniature jack with approx. 0.1 m cable + RJ12 socket for button
- Requires approx. 70 mm installation depth

All modules are supplied with 2 Torx T6 screws. For suitable cables see the Accessories section

Art. no.	Version	Front	Rear
Custom module 1 x VGA + miniature jack and button for MediaNet switch	**Black**		
917.074	· Front: VGA socket and 3.5 mm stereo miniature jack + button, lights up blue · Rear: 10-pole screw terminal (RGBHV) and 3-pole (audio stereo) + micro clamp terminal (button) · Requires approx. 50 mm installation depth		
Custom module 1 x VGA + miniature jack and button for MediaNet switch	**Black**		
917.077	· Front: VGA socket and 3.5 mm stereo miniature jack + button, lights up blue · Rear: 5 x BNC socket with approx. 0.3 m cable (RGBHV) and 3-pole screw terminal (audio stereo) + micro clamp terminal (button) · Requires approx. 50 mm installation depth		
Custom module 1 x VGA	**Black**		
917.011	· Front: VGA socket · Rear: VGA socket · Requires approx. 70 mm installation depth		
Custom module 1 x VGA	**Black**		
917.069	· Front: VGA socket · Rear: 10-pole screw terminal (RGBHV) · Requires approx. 50 mm installation depth		
Custom module 1 x VGA	**Black**		
917.070	· Front: VGA socket · Rear: 5 x BNC socket with approx. 0.3 m cable (RGBHV) · Requires approx. 35 mm installation depth		
Custom module 1 x VGA	**Black**		
917.072	· Front: VGA plug · Rear: 10-pole screw terminal (RGBHV) · Requires approx. 50 mm installation depth		

Video and audio technology

See the glossary for detailed information on use/application

Front Rear

Art. no. | Version

Custom module 1 x DVI-I + miniature jack — **Black**

917.021

- Front: DVI-I socket and 3.5 mm stereo miniature jack
- Rear: DVI-I socket and 2 x cinch audio stereo (red + white) with approx. 0.1 m cable
- Requires approx. 75 mm installation depth

Custom module 1 x DVI-I — **Black**

917.078

- Front: DVI-I socket
- Rear: DVI-I socket with approx. 0.1 m cable
- Requires approx. 75 mm installation depth

Keystone module 1 x HDMI — **Black**

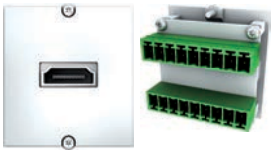
918.040

- Front: HDMI socket
- Rear: HDMI socket without cable
- Fits into keystone frame 917.000 or 917.001
- Requires approx. 85 mm installation depth

Custom module 1 x HDMI — **Black**

917.143

- Front: HDMI socket
- Rear: Screw terminal 2 x 9-pole (HDMI)
- Requires approx. 40 mm installation depth



Custom module 1 x HDMI — **White**

917.183

- Front: HDMI socket
- Rear: Screw terminal 2 x 9-pole (HDMI)
- Requires approx. 40 mm installation depth

Custom module 1 x display port — **Black**

917.145

- Front: Display port socket
- Rear: Display port socket without cable
- Requires approx. 70 mm installation depth

Video and audio technology

See the glossary for detailed information on use/application

Art. no.	Version	Front	Rear
Custom module 1 x cinch video + 2 x cinch audio stereo	**Black**		
917.026	· Front: Cinch video (yellow) + 2 x cinch audio stereo (red + white) socket · Rear: Cinch video + 2 x cinch socket without cable		
Custom module 1 x cinch video + 2 x cinch audio stereo	**Black**		
917.085	· Front: Cinch video (yellow) + 2 x cinch audio stereo (red + white) socket · Rear: Screw terminal 2-pole (video) + 3-pole (audio stereo) · Requires approx. 50 mm installation depth		
Custom module 1 x cinch video + 2 x cinch audio stereo	**White**		
917.161	· Front: Cinch video (yellow) + 2 x cinch audio stereo (red + white) socket · Rear: Screw terminal 2-pole (video) + 3-pole (audio stereo) · Requires approx. 50 mm installation depth		
Custom module 1 x BNC video + 2 x cinch audio stereo	**Black**		
917.027	· Front: BNC video (yellow) + 2 x cinch audio stereo (red + white) socket · Rear: BNC video + 2 x cinch socket without cable		
Custom module 1 x S-video + 2 x cinch audio stereo	**Black**		
917.028	· Front: S-video (S-VHS) + 2 x cinch audio stereo (red + white) socket · Rear: S-video socket + 2 x cinch socket without cable		
Custom module 1 x S-video + 2 x cinch audio stereo	**Black**		
917.081	· Front: S-video + 2 x cinch audio stereo (red + white) socket · Rear: Screw terminal 4-pole (S-video) + 3-pole (audio stereo) · Requires approx. 30 mm installation depth		
Custom module 1 x S-video + 2 x cinch audio stereo	**White**		
917.162	· Front: S-video + 2 x cinch audio stereo (red + white) socket · Rear: Screw terminal 4-pole (S-video) + 3-pole (audio stereo) · Requires approx. 30 mm installation depth		

Video and audio technology

See the glossary for detailed information on use/application

Front	Rear	Art. no.	Version
		Custom module 1 x S-video + cinch video	**Black**
		917.035	· Front: S-video + cinch video (yellow) socket
		●●●	· Rear: S-video + cinch video socket without cable
		Custom module 1 x S-video + cinch video	**Black**
		917.083	· Front: S-video + cinch video (yellow) socket
			· Rear: Screw terminal 4-pole (S-video) + approx. 0.3 m cable with 2 x BNC
		●●●●	· Requires approx. 30 mm installation depth
		Custom module 1 x cinch audio RGB	**Black**
		917.088	· Front: Cinch video RGB socket (red / green / blue)
			· Rear: screw terminal 6-pole
		●●●●	· Requires approx. 30 mm installation depth
		Custom module 1 x cinch video RGB	**Black**
		917.090	· Front: Cinch video RGB socket (red / green / blue)
			· Rear: Cinch video RGB socket (red / green / blue)
		●●●	· Requires approx. 65 mm installation depth
		Custom module 1 x SAT/TV/radio	**Black**
		917.030	· Front: F-plug connector (sat) and 2 x coax (TV + radio)
			· Rear: F-plug connector (sat) and 2 x coax (TV + radio)
		●●●	· Requires approx. 50 mm installation depth
		Custom module 1 x SAT/TV/radio	**Black**
		917.117	· Front: 2 x coax (TV + radio)
			· Rear: 2 x coax (TV + radio)
		●●●	· Requires approx. 50 mm installation depth
		Custom module 1 x cinch audio stereo	**Black**
		917.022	· Front: Cinch audio stereo socket (red + white)
			· Rear: Cinch audio stereo (red + white) socket without cable
		●●●	· Requires approx. 55 mm installation depth

Video and audio technology

See the glossary for detailed information on use/application

Art. no.	Version	Front	Rear
Custom module 1 x cinch audio stereo	**Black**		
917.089	· Front: Cinch audio stereo socket (red + white) · Rear: 3-pole screw terminal (audio stereo) · Requires approx. 35 mm installation depth		
Custom module 1 x cinch audio stereo	**White**		
917.163	· Front: Cinch audio stereo socket (red + white) · Rear: 3-pole screw terminal (audio stereo) · Requires approx. 35 mm installation depth		
Custom module 1 x 3.5 mm miniature jack	**Black**		
917.023	· Front: 3.5 mm audio stereo miniature jack socket · Rear: Cinch audio stereo socket (red + white) · Requires approx. 65 mm installation depth		
Keystone module 1 x 3.5 mm miniature jack	**Black**		
917.157	· Front: 3.5 mm audio stereo miniature jack socket · Rear: Miniature jack socket with approx. 0.1 m cable · Fits into keystone frame 917.000 or 917.001 · Requires approx. 65 mm installation depth		
Custom module 1 x 3.5 mm miniature jack	**Black**		
917.091	· Front: 3.5 mm audio stereo miniature jack socket · Rear: 3-pole screw terminal (audio stereo) · Requires approx. 35 mm installation depth		
Custom module 1 x 3.5 mm miniature jack	**White**		
917.164	· Front: 3.5 mm audio stereo miniature jack socket · Rear: 3-pole screw terminal (audio stereo) · Requires approx. 35 mm installation depth		
Custom module 1 x 6.3 mm audio stereo jack	**Black**		
917.036	· Front: 6.3 mm audio stereo jack socket · Rear: 6.3 mm audio stereo jack socket with approx. 0.1 m cable · Requires approx. 65 mm installation depth		

Video and audio technology

See the glossary for detailed information on use/application

Front	Rear	Art. no.	Version
		Custom module 1 x XLR microphone 3-pole	**Black**
		917.024	· Front: XLR 3-pole microphone socket · Rear: XLR 3-pole plug with approx. 0.1 m cable
		●●●	· Requires approx. 65 mm installation depth
		Custom module 1 x XLR 3-pole socket	**Black**
		917.096	· Front: XLR 3-pole socket · Rear: Screw terminal 3-pole
		●●●●	· Requires approx. 40 mm installation depth
		Custom module 1 x XLR 3-pole socket	**White**
		917.165	· Front: XLR 3-pole socket · Rear: Screw terminal 3-pole
		●●●●	· Requires approx. 40 mm installation depth
		Custom module 1 x XLR 4-pole socket	**Black**
		917.099	· Front: XLR 4-pole socket · Rear: Screw terminal 4-pole
		●●●●	· Requires approx. 40 mm installation depth
		Custom module 1 x XLR 5-pole socket	**Black**
		917.101	· Front: XLR 5-pole socket · Rear: Screw terminal 5-pole
		●●●●	· Requires approx. 40 mm installation depth
		Custom module 1 x XLR 3-pole plug	**Black**
		917.095	· Front: XLR 3-pole plug · Rear: Screw terminal 3-pole
		●●●●	· Requires approx. 40 mm installation depth
		Custom module 1 x XLR 4-pole plug	**Black**
		917.098	· Front: XLR 4-pole plug · Rear: Screw terminal 4-pole
		●●●●	· Requires approx. 40 mm installation depth

Video and audio technology

See the glossary for detailed information on use/application

Art. no.	Version	Front	Rear
Custom module 1 x XLR 5-pole plug	**Black**		
917.100	· Front: XLR 5-pole plug · Rear: Screw terminal 5-pole · Requires approx. 40 mm installation depth		
Custom module Combo series 1 x XLR 3-pole socket + 1 x 6.3 mm jack socket	**Black**		
917.094	· Front: XLR 3-pole socket. + 6.3 mm audio stereo jack socket · Rear: Screw terminal 2 x 3-pole · Requires approx. 40 mm installation depth		
Custom module 1x 2-pole loudspeaker connection + 6.3 mm stereo jack	**Black**		
917.102	· Front: Speakon 2-pole socket + 6.3 mm audio stereo jack · Rear: Screw terminal 2-pole + 3-pole · Requires approx. 50 mm installation depth		
Custom module 1 x 4-pole loudspeaker connection	**Black**		
917.110	· Front: Speakon 4-pole socket · Rear: Screw terminal 4-pole · Requires approx. 40 mm installation depth		
Custom module 1 x loudspeaker connection	**Black**		
917.114	· Front: Loudspeaker connection (red + white) · Rear: Screw terminal 2-pole · Requires approx. 30 mm installation depth		

USB 3.0 keystone modules

Art. no.	Version
Keystone module USB 3.0 A/B USB	**Black**
917.400	· Front: USB A socket / rear: USB B socket · Fits into keystone frame 917.000 or 917.001 · Requires approx. 85 mm installation depth
Keystone module USB 3.0 B/A	**Black**
917.401	· Front: USB B socket / rear: USB A socket · Fits into keystone frame 917.000 or 917.001 · Requires approx. 85 mm installation depth
Keystone module USB 3.0 A/A (straight through)	**Black**
917.120	· Front: USB socket A / rear: USB socket A · Fits into keystone frame 917.000 or 917.001 · Requires approx. 85 mm installation depth

Data transmission

See the glossary for detailed information on use/application

Art. no.	Version
Custom module 2 x USB 2.0 A / A	**Black**
917.141	· Front: 2 x USB A socket · Rear: Screw terminal 2 x 4-pole · Requires approx. 40 mm installation depth

Custom module 2 x USB 2.0 A / A	**White**
917.182	· Front: 2 x USB A socket · Rear: Screw terminal 2 x 4-pole · Requires approx. 40 mm installation depth

Custom module 1 x USB 2.0 A / B	**Black**
917.018	· Front: USB A socket · Rear: USB B socket · Requires approx. 85 mm installation depth

Custom module 1 x USB 2.0 B / A	**Black**
917.019	· Front: USB B socket · Rear: USB A socket · Requires approx. 85 mm installation depth

Custom module 1 x FireWire	**Black**
917.037	· Front: FireWire 6-pole socket · Rear: FireWire 6-pole socket · Requires approx. 85 mm installation depth

Custom module RS232 socket	**Black**
917.075	· Front: RS232 sub-D 9-pole socket · Rear: Screw terminal 9-pole · Requires approx. 40 mm installation depth

Custom module RS232 plug	**Black**
917.076	· Front: RS232 sub-D 9-pole plug · Rear: Screw terminal 9-pole · Requires approx. 40 mm installation depth

Data transmission

See the glossary for detailed information on use/application

Art. no.	Version	Front	Rear
Custom module 1 x RS232 socket	**Black**		
917.012	· Front: RS232 sub-D 9-pole socket · Rear: RS232 sub-D 9-pole socket · Requires approx. 70 mm installation depth		
Custom module 1 x RS232 crossover socket	**Black**		
917.116	· Front: RS232 sub-D 9-pole socket · Rear: RS232 sub-D 9-pin crossover plug (crossed) · Requires approx. 70 mm installation depth		
Custom module PS2 mouse + keyboard	**black**		
917.031	· Front: 2 x MiniDIN 6-pole socket (mouse - mint green; keyboard - purple) · Rear: 2 x MiniDIN 6-pole socket (mouse - mint green; keyboard - purple) · Requires approx. 50 mm installation depth		

Art. no.	Version	
Pull-out cable for USB port, data cable can be extended to a length of approx. 500 mm		
917.300	· Front: USB A 2.0 plug; rear: USB A 2.0 socket · Fixed cable on rear with length of approx. 150 mm	
Pull-out cable for network port, data cable can be extended to a length of approx. 700 mm		
917.301	· Front and rear: RJ45 plug CAT3 · Fixed cable on rear with length of approx. 150 mm	
Pull-out cable for mobile devices, data cable can be extended to a length of approx. 480 mm		
917.302	· Front with 3 in 1 plug: Apple® 30PIN plug, micro USB 2.0 A plug, · Mini USB 2.0 A plug; rear: USB A 2.0 socket · Fixed cable on rear with length of approx. 150 mm	

Power transmission

Art. no.	Version	
Custom module Power Con blue (power input)	**Black**	
917.112	· Front: Power Con socket, blue · Rear: Screw terminal, including 2 crimp sleeves and cover cap · Requires approx. 40 mm installation depth	
Custom module Power Con grey (power output)	**Black**	
917.113	· Front: Power Con socket, grey · Rear: Screw terminal, including 2 crimp sleeves and cover cap · Requires approx. 40 mm installation depth	

Control

See the glossary for detailed information on use/application

Front	Rear	Art. no.	Version
		Custom module with stainless steel button	**Black**
		917.046	· Front: Stainless steel button · Switching capacity: 50 mA/24 V/DC · Rear: Solder pins 2-pole · Requires approx. 30 mm installation depth
		Custom module with stainless steel button, lights up blue	**Black**
		917.047	· Front: Stainless steel button, lights up blue (ring illuminated) · Switching capacity: 50 mA/24 V/DC · Rear: Solder pins 4-pole · Requires approx. 30 mm installation depth
		Custom module with automatic switchoff button	**Black**
		917.060	· Front: Button, black; · Rear: Plug-in connector GST15i2 with approx. 1.0 m cable (suitable for power strips) · with automatic switchoff device, e.g. STEP switch off device 906.005 · Requires approx. 40 mm installation depth
		Custom module with button	**Black**
		917.152	· Front: On/off switch · Rear: approx. 1.0 m 3G 1.0 mm² cable with end sleeves (labelled) · Requires approx. 60 mm installation depth
		Custom module with switch (to control external devices)	**Black**
		917.135	· Front: 2-pole rocker switch, green · Rear: approx. 1.0 m H05VV-F 4G 1.50 mm² cable with end sleeves (labelled) · Requires approx. 60 mm installation depth
		Custom module with 4-key keypad for media control unit	**Black**
		917.193	· 4-way universal pushbutton module · for connecting to all controller programmable buttons, illuminated blue · incl. various inserts with pictograms
		Custom module with 4-key keypads for KNX application	**Black**
		917.056	· Front: 4 buttons, white, light up blue, with various pictograms for labelling · programmable on KNX installations; with integrated bus coupler; · Power supply: 30 V DC system voltage via bus push-in terminal; · Rear: Bus push-in terminal, 2-pole · Requires approx. 35 mm installation depth
		Custom module with 4-key keypad for EnOcean application	**Black**
		917.093	· Front: 4 buttons, white, light up blue, with various pictograms for labelling · programmable on EnOcean application; with built-in radio module, battery buffered; · Requires approx. 35 mm installation depth

Accessories

See the glossary for detailed information on use/application

Art. no.	Version
Custom module blank cover with screw dome	**Black**
917.010	· Blank cover as placeholder or for you to mount your own connector · Screw domes on rear of module for fastening · e.g. boards or blank holders · Material: Plastic, black, thickness 1.8 mm

Custom module blank cover with screw dome	**White**
917.167	· Blank cover as placeholder or for you to mount your own connector · Screw domes on rear of module for fastening · e.g. boards or blank holders · Material: Plastic, white, thickness 1.8 mm

Torx T6 screws for custom modules in Facility power strips	**Black**
917.041	· Designed for 10 screwing cycles; contents: 10 items, black

Torx T6 screws for custom modules in electrical installations (mounting plate) and 19" panels	**Black**
917.111	· Designed for 10 screwing cycles; contents: 10 items, black

Torx T6 screwdriver	**Black**
917.040	· Torx T6 screwdriver to fit the screws on the custom modules

Media technology

Bachmann media technology systems provide a flexible and elegant solution for custom media management in conference and training rooms. From simply switching between image and audio signals to a complete central control of all media, this solution can be tailored to the needs of every user.

With its state-of-the-art components, plus all connecting systems, Bachmann media technology systems offer all that is required for any application. Thanks to its modular construction and intelligent cabling, the system can be quickly installed or adapted to specific requirements.

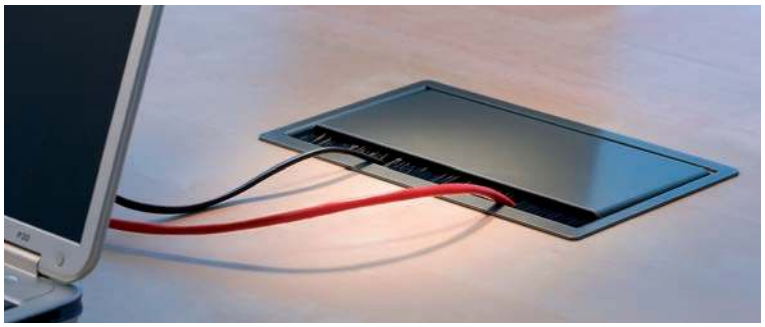
The flexibility of Bachmann complete solutions is complemented by their elegance. Regardless of how complex the Bachmann media technology system configuration is, it can be quickly and easily integrated into the Bachmann FACILITY SOLUTIONS.

The benefits at a glance

- Simple plug-and-play principle
- Electronics already integrated in the connection panel
- Available for most Bachmann FACILITY SOLUTIONS
- Pre-fitted cabling
- Extension of image, sound and network signals
- Simple, decentralised signal switching
- Compact and space-saving unit

Media Express –

Plug-and-play for simplicity and efficiency.



Ease of integration

Media Express is the solution for simple switching between image and audio signals. This system is already integrated in the connection panels of the Bachmann Facility product ranges. In addition to switching between signals, it gives a network connection to each user.

With Media Express the individual connection panels are linked in a series known as a 'daisy chain'. This chain requires only one cable set with 3 connections. Connections are inserted into the connection panels on a plug-and-play basis. No programming of the units is necessary and the sequence of the connection units can be freely selected. The system is self-initialising and can be used immediately.

Flexible switching

The signal-switching function enables image and audio signals to be sent from the connection panel to a projector or monitor screen. Authorisation to transmit the user's image and audio signal is activated by means of a dedicated button. An LED on the button indicates activation.

For image transmission the common 15-pin VGA sub-D system is provided on the front of the connection panel. This allows laptops to be connected easily using VGA connector cables. A special practical benefit is that no additional signal booster is necessary, as this is integrated into the feeder box. This ensures problem-free image transmission (so long as the maximum number of users and cable length are not exceeded). The system can be built with a single infeed.

Up to 6 connection panels can be linked via connector cables. No central switching box is required. Projectors or monitors can be connected directly to the feeder box.

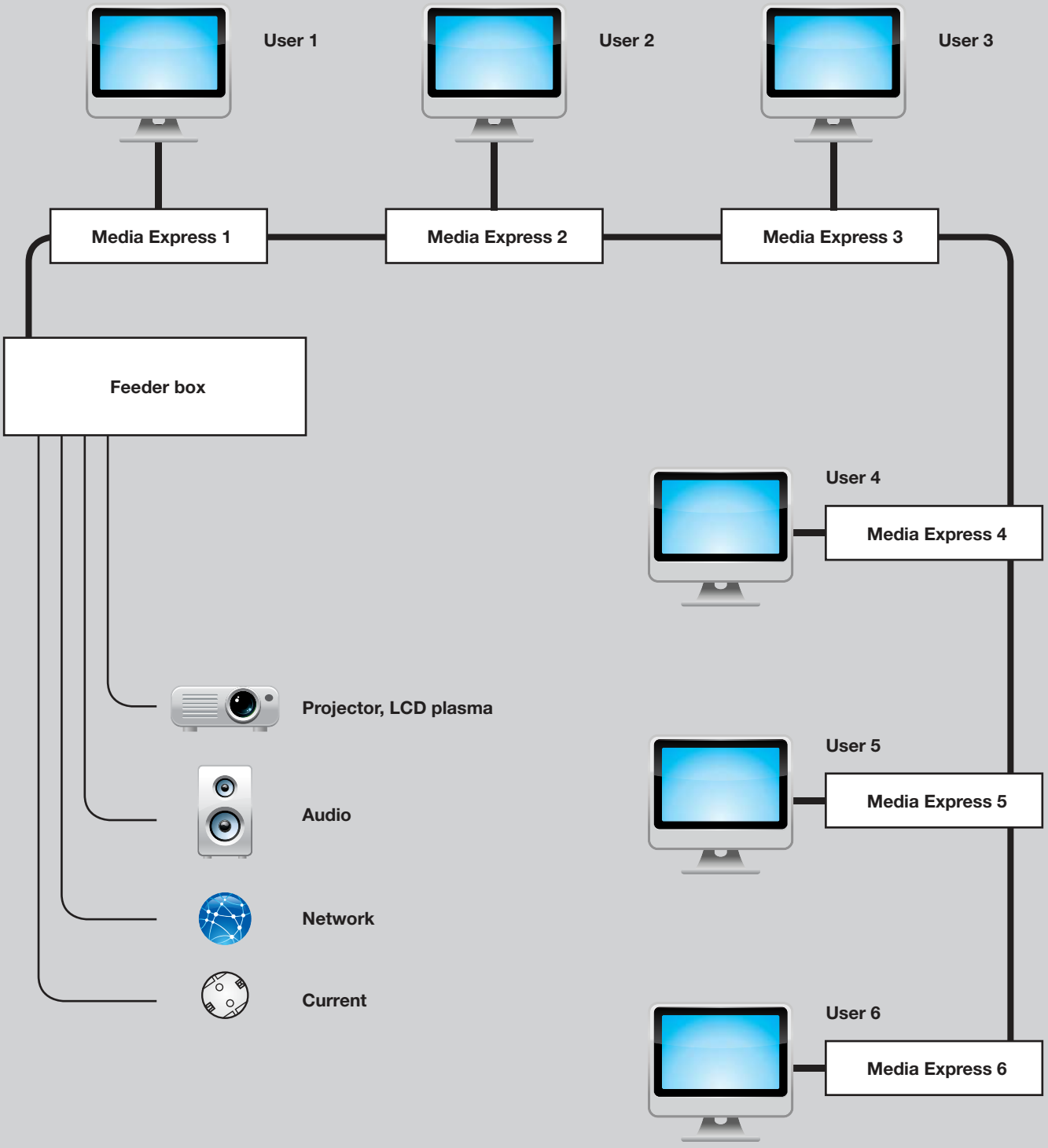
Simplicity of linking

Connection to the network requires only one access point (via the feeder cable). Two RJ45 LAN ports with signal boosting on each connection panel allow laptops to be connected. Thus the network is linked from one user to the next via the connector cable. The built-in network switch is designed for 10/100 Mbit and is sufficient, depending on the specific installation, for up to six participants.

Feeder box

The system structure requires the use of a feeder box. This box provides the link between the connection panels and the output devices (projector, audio, network etc.).

Configuration information and lists of applications are available at **www.bachmann.com**.


User 1
User 2
User 3
Media Express 1
Media Express 2
Media Express 3
Feeder box
User 4
Media Express 4
Projector, LCD plasma
User 5
Audio
Media Express 5
Network
Current
User 6
Media Express 6

Overview of Media Express connections

Media Express technical data:

Video/audio:
· Hardware detect/automatic detection
· Input signal: – 0.7 Vss/75 ohm RGB, 5 VH&V-Sync, 1.8 Vss audio, 24 bit/96 kHz
– 15-pin VGA sub-D plug
· Output signal: – 0.7 Vss/75 ohm RGB, 5 VH&V-Sync, 3.5 Vss audio, 24 bit/96 kHz
– 26-pin sub-D socket
· Video bandwidth: (+/- 3dB) 300 MHz
· Resolution max: 1600 x 1024
· Transmission distance: 20 x MediaNet Express module/cable length: max. 50 m in total
· Audio: Stereo L/R

Connections:
· 1 x VGA sub-D 15-pole
· 1 x 3.5 mm miniature jack stereo audio connection
· 2 x LAN RJ45 socket
· Sockets as per connection unit selected

Network:
· 2 x RJ45 port, 10/100 MBit
· CAT5 with LED (speed and active LED)

Power supply unit:
· 2.5 A; 18 V
· Max. current consumption per connection unit 500 mA

Media Express

The Media Express unit can also be integrated into other FACILITY SOLUTIONS such as POWER FRAME and STEP. Please ask us for the configuration you require.

- Anodised aluminium profile, black socket outlets, rotated 35°
- Media Express
- Power input: GST18i3
- Power output: GST18i3

Art. no.	Version

1 x earthing contact, GST18i3, short (TOP FRAME, CONFERENCE) — **Length: approx. 260 mm**

1 x Media Express

903.2000	· 1 x socket outlet with earthing contact · 1 x Media Express

C **3 x earthing contact, GST18i3, long (TOP FRAME, CONFERENCE)** — **Length: approx. 444 mm**

1 x Media Express, 2 x custom module

903.2001	· 3 x socket outlet with earthing contact · 1 x Media Express · 2 x custom module, empty

C **2 x earthing contact, GST18i3 (CONI)** — **Length: approx. 356 mm**

1 x Media Express, 1 x custom module

903.3000	· 2 x socket outlet with earthing contact · 1 x Media Express · 1 x custom module, empty

3 x earthing contact, GST18i3 (CONI) — **Length: approx. 356 mm**

1 x Media Express

903.3001	· 3 x socket outlet with earthing contact · 1 x Media Express

Media Express feeder box

Art. no.	Version
Media Express feeder box	
Signal feeder unit for Media Express system	
903.400	Distribution of signals: · Image (projector), 15-pin VGA sub-D to 26-pin sub-D · Sound (loudspeakers), cinch stereo to 26-pin sub-D · Data (network), RJ45 to RJ45 · Signal authorisation to 26-pin sub-D · RS-232 interface for optional programming

Media Express feeder cable

· Feeder cable length 2.0 m

· The cable set is held together in a textile-fibre sleeve

Art. no.	Version
Media Express feeder cable	
Feeder cable to feeder box	
903.500	· 1 x VGA plug 15-pole/sub-D 26-pole socket · 1 x CAT6 patch cable plug/plug, shielded · 1 x power cable for right-angled earthing contact plug and GST18i3 socket

Media Express connector cable

· Connecting cable, length 2.0 m

· The cable set is held together in a textile-fibre sleeve

Art. no.	Version
Media Express connector cable	
To link one connection unit to another	
903.600	· 1 x sub-D 26-pole (90° plug / 45° socket) · 1 x CAT6 patch cable plug/plug, shielded · 1 x power cable, Wieland GST18i3 plug and GST18i3 socket

Typical order for 4 presentation stations

Quantity	Art. no.	Description
4 x		unit of your choice (903.2000, 903.2001, 903.2000, 903.2001)

Media Express

Quantity	Art. no.	Description
1 x	903.400	Signal feeder unit for Media Express system
1 x	903.500	Feeder cable to feeder box

Feeder cable

Quantity	Art. no.	Description
3 x	903.600	Connecting cable to link one connection unit to another

Connection

Projector **Audio** **Network** **Current**

Configuration information and lists of applications are available at **www.bachmann.com**.

Facility control modules

Pushbutton modules in the Bachmann custom-module format offer convenient control of light and blinds in open-plan and individual offices and in meeting and conference rooms.
The control module is installed within the user's easy reach on the desk connection panel at office workstations or in meeting rooms. Then the lighting and blinds settings can be controlled with ease from the user's seat. The increased convenience lets the user respond to changing environmental situations - and thus save energy.

Facility control modules

The 4-way KNX pushbutton module is designed as a custom module and can be integrated into Bachmann desk connection panels either by the manufacturer or retrospectively. Installation in rack and electrical installations is also possible with the custom module system.

Functions such as switching, dimming, storage of lighting scenes, blind control etc. can be programmed by specialist personnel using the standard ETS software. For this, specialist knowledge and in-depth KNX training is required.
Each button can be custom configured and labelled accordingly (common pictograms are supplied). A blue lamp indicates the activity status.

This pushbutton module can be simply installed by KNX-trained personnel. The appropriate bus coupling is built into the module and can be simply connected to the bus cable by means of clips.

Custom module with 4-key keypad for KNX application

- Front:
- 4 x button, square, can be labelled, blue backlit, programmable on EIB/KNX installations
- With integral bus coupler and bus terminal (can be labelled with physical address)
- Power supply: 30 V DC system voltage via bus terminal
- Use: e.g. as buttons for controlling lighting, blinds etc.

Art. no.	Version
Micro clamp terminals	
917.056	· Rear: · Bus push-in terminals · Requires approx. 35 mm · built-in depth

EnOcean 4-way pushbutton module

The EnOcean pushbutton module offers wireless control of e.g. lighting, blinds, projector screen etc. Installation is simple: the pushbutton module can be used in Bachmann desk connection panels with custom modules or in wall or trunking installations. The required control signals are transmitted wirelessly to the receiving device. Each button can be separately programmed. EnOcean uses 868 MHz technology, practically eliminating interference.

No cable installation is required for this module. Power is obtained from a built-in battery that will last for up to 1 million switching cycles.

If required the EnOcean pushbutton module can also be linked into the KNX building control system bus.

Custom module with 4-key keypads for EnOcean application

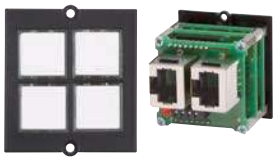
- Front:
- 4 x button, square, can be labelled, blue backlit
- Programmable on EnOcean applications
- Power supply: Battery-buffered radio module Includes inserter with common pictograms
- Use: e.g. as buttons for controlling lighting, blinds etc.

Art. no.	Version
Micro clamp terminals	
917.093	· Rear: · Includes battery · Requires approx. 35 mm · built-in depth

Custom modules

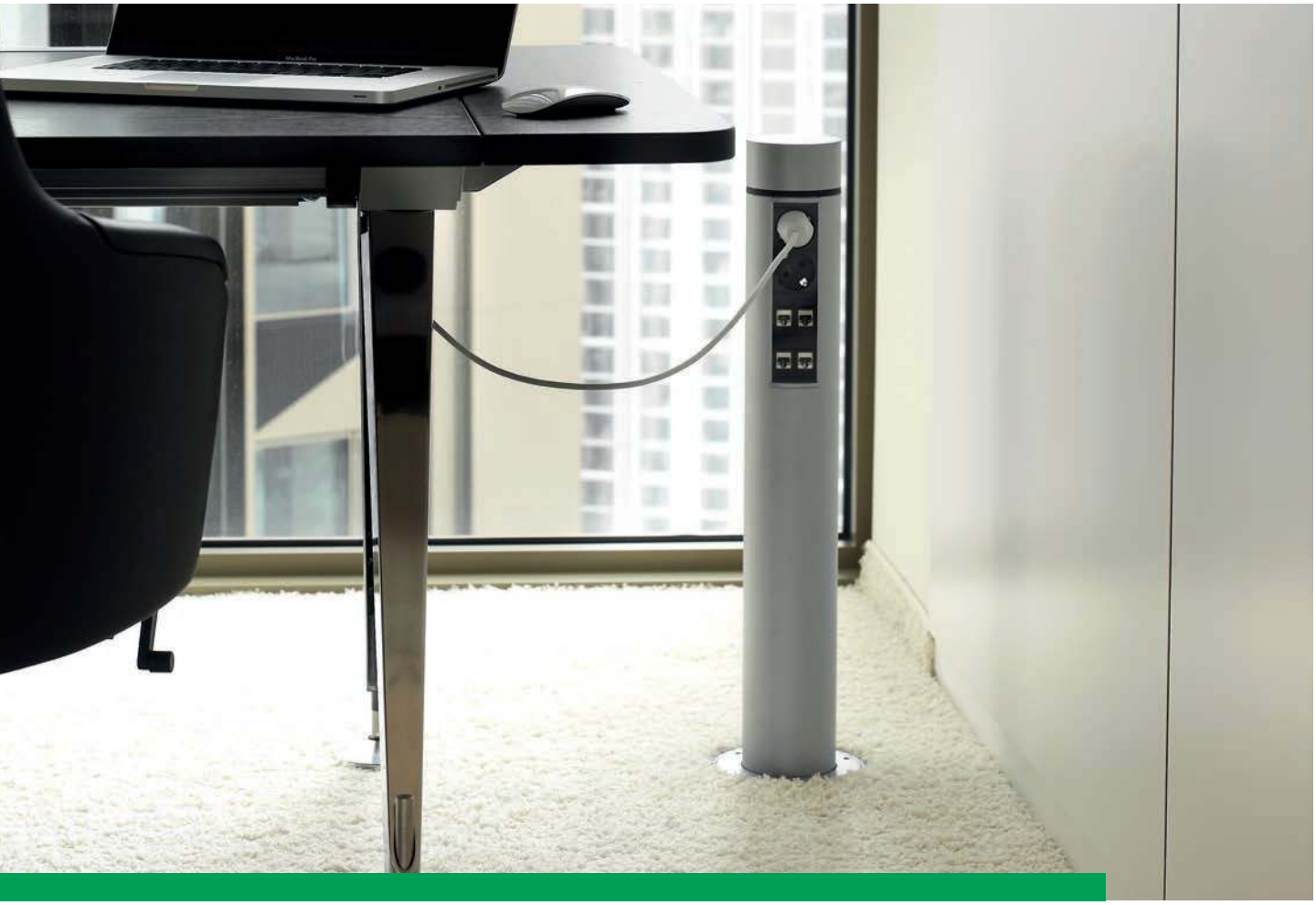
Art. no.	Version
Custom module VGA, miniature jack and button for media switch	
917.134	· Custom module to fit in Bachmann connection panels · 1x VGA 15-pole socket/socket · 1 x 3.5 mm miniature jack socket with approx. 0.1 m cable and 3.5 mm miniature jack socket · 1 x button, blue illuminated, with approx. 0.1 m cable and RJ12 for controlling switch · Requires approx. 70 mm installation depth

Custom module with 4-key keypad for MediaNet control unit	
Can be used in all FACILITY SOLUTIONS	
917.193	· 4-way universal pushbutton module · for connecting to all controller programmable buttons, illuminated blue · incl. various inserts with pictograms



Combi cables

Art. no.	Length	Version
15-pole VGA HD extension cable		
1 x VGA		
918.009	1.0 m	High-quality VGA cable to connect: · Connection panel to laptop · Connection panel to signal booster · Signal booster to monitor/TV (optional) · End 1: 1 x VGA plug -15 HD · End 2: 1 x VGA plug -15 HD
940.047	3.0 m	
940.048	5.0 m	
1 x VGA, 1 x miniature jack		
918.066	1.0 m	High-quality VGA cable to connect: · Connection panel to laptop · Connection panel to signal booster · Signal booster to monitor/TV (optional) · End 1: 1 x VGA plug 15 HD, 1x miniature jack plug 3.5 mm · End 2: 1 x VGA plug 15 HD, 1x miniature jack plug 3.5 mm · Plug with metal housing and shielding
918.067	3.0 m	
918.068	5.0 m	
918.069	10.0 m	
1 x VGA, 1 x miniature jack, 1 x control signal		
903.107	1.0 m	· Professional high-quality VGA cable also with audio and control cable for switching the switch via the button in the · Custom module 917.134 · End 1: 1 x VGA plug 15 HD, 1 x miniature jack plug 3.5 mm; · 1 x RJ12 for button · End 2: 1 x VGA plug 15 HD, 1 x miniature jack plug 3.5 mm; · 1 x RJ12 for button · Plug with metal housing and shielding
903.108	3.0 m	
903.109	5.0 m	
903.110	10.0 m	



reddot design award
winner 2011

LanLight®

Modular installation offering flexible supply to office workstations

LanLight®
SMART SUPPLY SYSTEM

The benefits at a glance

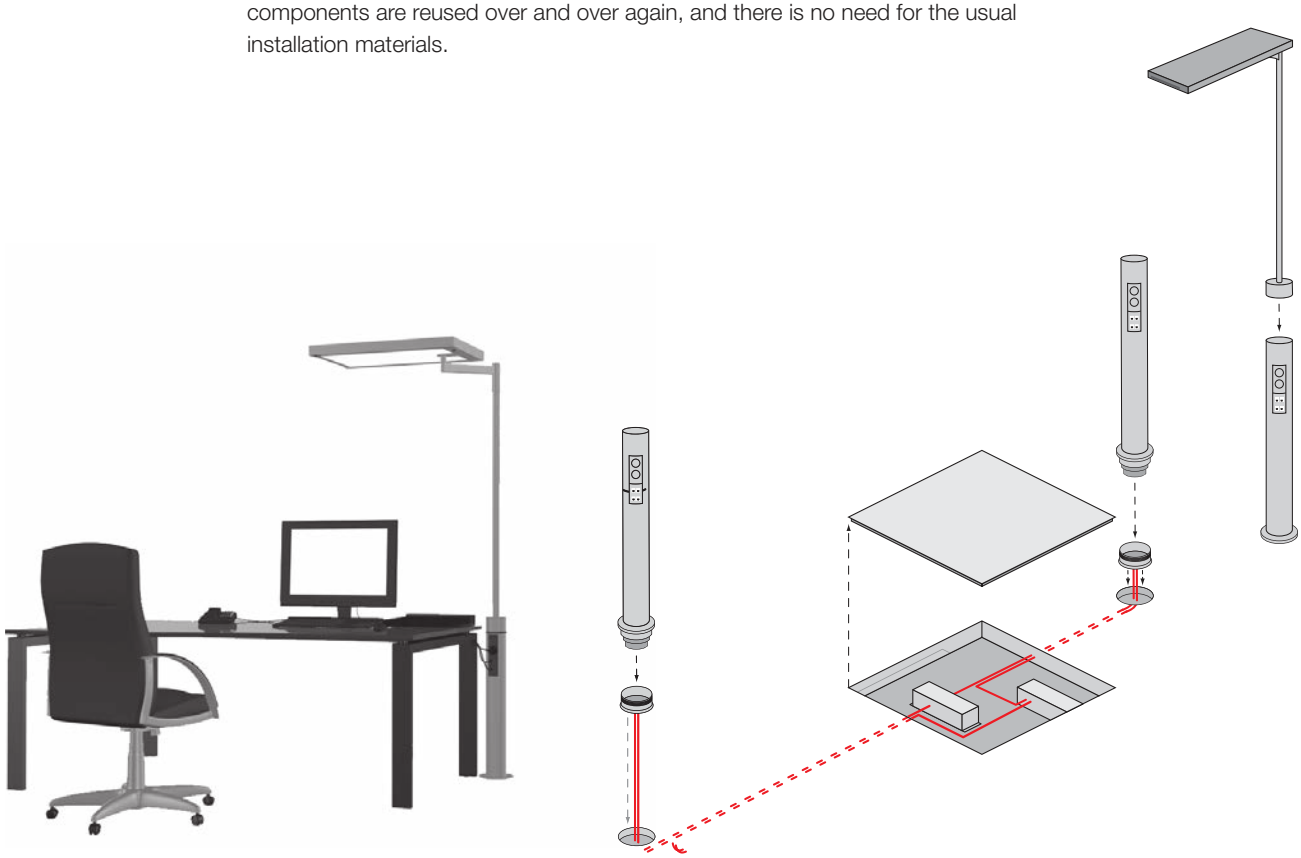
- Delivers exactly what is needed to each workstation
- Provides power, data and media connections and lighting
- Modular and multifunctional - from cable connections from the floor box to mobile power columns (with or without light fittings)
- Attractive, harmonious visual design
- No tangle of cables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

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

The LanLight® basic module can accommodate a variety of module inserts. These include floor box inserts for all media - from socket outlets with earthing contact to HDMI sockets - that are also available fully pre-installed, with tested connecting cables.

A special feature is the new type of self-contacting used in the basic LanLight® module with mobile power column, in which all connections are created by a single plugging action.

LanLight® fits into a hole of only 152 mm diameter. This ease of installation, together with its compact size and the functionality provided by the modular design, mean that installations and devices that use energy only need to be fitted in the places where they are really needed. Thus LanLight® can be installed to meet specific requirements, and is equally easy to remove. Benefit: during restructuring, individual system components are reused over and over again, and there is no need for the usual installation materials.



Used together with consolidation points, LanLight® can deliver power, data, media and lighting to practically any point in the room. The optimum cable length is up to nine metres.

The LanLight® brand belongs to Bierbrauer Hoff Planungsgesellschaft mbH

LanLight® offers ...

· a cable outlet

· a floor box with various inserts for a wide range of applications

· plug-in mobile power columns with 2 power circuits and up to 8 data connections with self-contacting interface (mobile column)

· plug-in power columns with 2 power circuits and up to eight data connections with prepared patch cables

· a plug-in lighting module, one-sided, with lighting head that swivels on two axes

· a plug-in lighting module, double-sided, with swivelling lighting head

Base unit 924.1016
Modular socket

Floor outlet

No insert required

Floor box versions

Connection plate 924.4000
4 x power Wieland GST15i3
8 x keystone mount

Earthing contact connecting unit
924.4002
2 x socket outlet with earthing contact
4 x keystone mount

Media connection plate 924.4003
3 x power Wieland GST15i3
3 x custom media module mount

Basis for patch versions

Patch column mount 924.1041
Cone for patch column

Basis for self-contact system

Connection plate 924.4005
Self-contact system
2 x power for max.
2 x data cable set 924.700

Data cable set 924.700
4 x Terra CAT7 jack, length 6 m

Stage 1

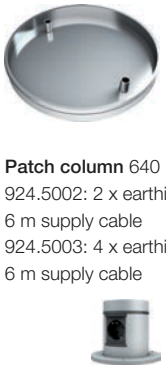
Stage 2

The LanLight® brand belongs to Bierbrauer Hoff Planungsgesellschaft mbH

Lift-off cover set 924.1038
for 5 mm or 8 mm floor coverings

Lift-off cover set

Lift-off cover set 924.1018
Stainless steel



Twist-off cover 924.1046
for floor coverings,
with water protection

Patch column 640 mm
924.5002: 2 x earthing contact, 4 x CAT6$_a$ jack including 6 m supply cable
924.5003: 4 x earthing contact, 8 x CAT6$_a$ jack including 6 m supply cable

Mini patch column 924.6000
150 mm, 2 x earthing contact

Twist-off cover 924.1046
for floor coverings, with water protection

Lift-off cover set
924.1040
for 5 mm / 8 mm
Floor coverings

Lift-off cover set
Self-contact system

Lift-off cover set 924.1039
Stainless steel

Mobile column 640 mm
924.5000: 2 x earthing contact, 4 x CAT6$_a$ 10 Gbit
924.5001: 4 x earthing contact, 8 x CAT6$_a$ 10 Gbit

Lamps are available from our partner
LUDWIG lamps on request

Stage 3

Lamps

Stage 1: LanLight® base unit

Art. no.	Version
Base unit for all LanLight® components	
Modular socket	
924.1016	· Fits into raised and false floors · Fixes in round cut-out with diameter 152 (+1) mm · For floor thicknesses from 25 to 70 mm (min. floor thickness 35 mm for column versions) · Fixed by three clamping claws · Overall height: 97 mm, installation depth: 93 mm, external diameter: 162 mm · Die-cast aluminium

Stage 2: LanLight® inserts

Art. no.	Version
8P/4S connection plate with breakout cable and GST18i3 plug	
Connection plate for fitting in LanLight® lift-off cover set	
924.4001	· For connecting up to 4 Wieland GST15i3 sockets (power) and 8 data jacks (keystone) · Rear strain relief for power connections · Disengagement aid for Wieland GST15i3 plugs · 4 x Wieland GST15i3 sockets, fitted, · including 0.2 m H05VV-F3G 2.5 mm² supply cable to GST18i3 plug · To connect up to 8 data jacks (keystone) · Rear strain relief for power connections · Coded connecting points (data 1-8, power A-D) · Diameter: 114.8 mm

8P/4S connection plate for mains connection by client	
Connection plate for fitting in LanLight® lift-off cover set	
924.4000	· For connecting up to 4 Wieland GST15i3 sockets (power) and 8 data jacks (keystone) · Rear strain relief for power connections · Disengagement aid for Wieland GST15i3 plugs · Coded connecting points (data 1-8, power A-D) · 4 x Wieland GST15i3 sockets · To connect up to 8 data jacks (keystone) · Diameter: 114.8 mm

Earthing contact unit 4P/2S with breakout cable and GST18i3 plug	
Connection plate for fitting in LanLight® lift-off cover set	
924.4009	· To connect up to 4 data jacks (keystone) · Rear strain relief for power connections integrated in housing · Coded connections (data 1-4, power A-B) · Incl. 2 x 0.2 m H05VV-F3G 2,5 mm² supply cable to GST18i3 plug · Diameter: 114.8 mm

Earth contact unit for 4P/2S connection plate for mains supply by client	
Connection plate for fitting in LanLight® lift-off cover set	
924.4002	· To connect up to two phases to the earthing contact socket outlets · To connect up to 4 data jacks (keystone) · Rear strain relief for power connections integrated in housing · Coded connections (data 1-4, power A-B) · Diameter: 114.8 mm

The LanLight® brand belongs to Bierbrauer Hoff Planungsgesellschaft mbH

Art. no.	Version

Connection plate for 3 x custom modules and 3 x power with breakout cable and GST18i3 plug C

Connection plate for fitting in the LanLight® cover guide

924.4004

- Accepts up to 3 Bachmann custom modules
- 3 x Wieland GST15i3 sockets, fitted,
- including 0.2 m H05VV-F3G 2.5 mm² supply cable to GST18i3 plug
- Rear strain relief for power connections
- Disengagement aid for Wieland GST15i3 plugs
- Coded connecting points (data 1-3, power A-C)
- Diameter: 114.8 mm

Media connection plate 3 x custom module and 3 x power for mains connection by client C

Connection plate for fitting in LanLight® lift-off cover set

924.4003

- For connecting up to 3 Wieland GST15i3 sockets (power)
- and 3 Bachmann custom modules
- Rear strain relief for power connections
- 3 x Wieland GST15i3 sockets
- Disengagement aid for Wieland GST15i3 plugs
- Coded connecting points (data 1-3, power A-C)
- Diameter: 114.8 mm

Cone as tower holder

Cone as column holder

924.1041

- Used to directly mount the LanLight® columns
- For 924.5002, 924.5003 and 924.6000

Lift-off cap variants

Art. no.	Version
Lift-off cap set with stainless steel inlay	
Lift-off cap set to fit in the modular installation box	
924.1018	· Two positions: Open during use / closed when not in use · With catch mechanism when open · With dust protection as cable bushing · With labelling card for connections · With stainless steel inlay · Inlay diameter: internal 49 mm, external 142 mm · Lift-off cap diameter 146.4 mm, cap guide diameter 128.8 mm

Lift-off cap set 5 mm / 8 mm	
Lift-off cap set to fit in the modular installation box	
924.1038	· Two positions: Open during use / closed when not in use · With catch mechanism when open · With dust protection as cable bushing · With labelling card for connections · For gluing dry maintained surfaces · 5 mm or 8 mm thick (e.g. carpet, laminate) · Inlay diameter: internal 49 mm, external 142 mm, lining depth 5 mm or 8 mm · Lift-off cap diameter 146.4 mm, cap guide diameter 128.8 mm

Twist-off cover for 12 mm inlay	
Twist-off cover to screw onto cone to hold column	
924.1046	· Cover to close modular installation box with cone (924.1016, 924.1041) · Water protected · For inlay (e.g. stone/tiles) with approx. 12 mm thickness · Incl. mounting wrench and sleeves · Inlay diameter: inner 139 mm

Stage 3: LanLight® extension units

4P/2S patch column, one-sided

Column for 1 - 2 workstations

924.5002

- Simple mounting on the LanLight® conical holder (924.1041)
- 2 socket outlets with earthing contact (2 phases) and 4 CAT6$_a$ jacks (keystone)
- Coded connections (data 1-4, power A-B)
- 2 x 6 m H05VV-F3G 2.5 mm² power supply cable to Wieland GST18i3 plug
- 4 x 6 m data cables, CAT6$_a$ jack to CAT6$_a$ plug
- Socket outlets: 2-pole with earthing contact, 16A/3680W, AC250V, IP20, black
- Column can be expanded by inserting a LanLight® system lamp
- Column materials: Extruded aluminium, powder-coated silver-grey similar to RAL9006
- Height 640 mm, diameter 95 mm

F R

Patch column 8P/4S two-sided

Column for 3 - 4 workstations

924.5003

- Simple mounting on the LanLight® conical holder (924.1041)
- 4 socket outlets with earthing contact (2 phases) and 8 CAT6$_a$ jacks (keystone)
- Coded connecting points (data 1-8, power A-D)
- 4 x 6 m H05VV-F3G 2.5 mm² power supply cable to Wieland GST18i3 plug
- 8 x 6 m data cables, CAT6$_a$ jack to CAT6$_a$ plug
- Socket outlets: 2-pole with earthing contact, 16A/3680W, AC250V, IP20, black
- Column can be expanded by inserting a LanLight® system lamp
- Column materials: Extruded aluminium, powder-coated silver-grey similar to RAL9006
- Height 640 mm, diameter 95 mm

F R

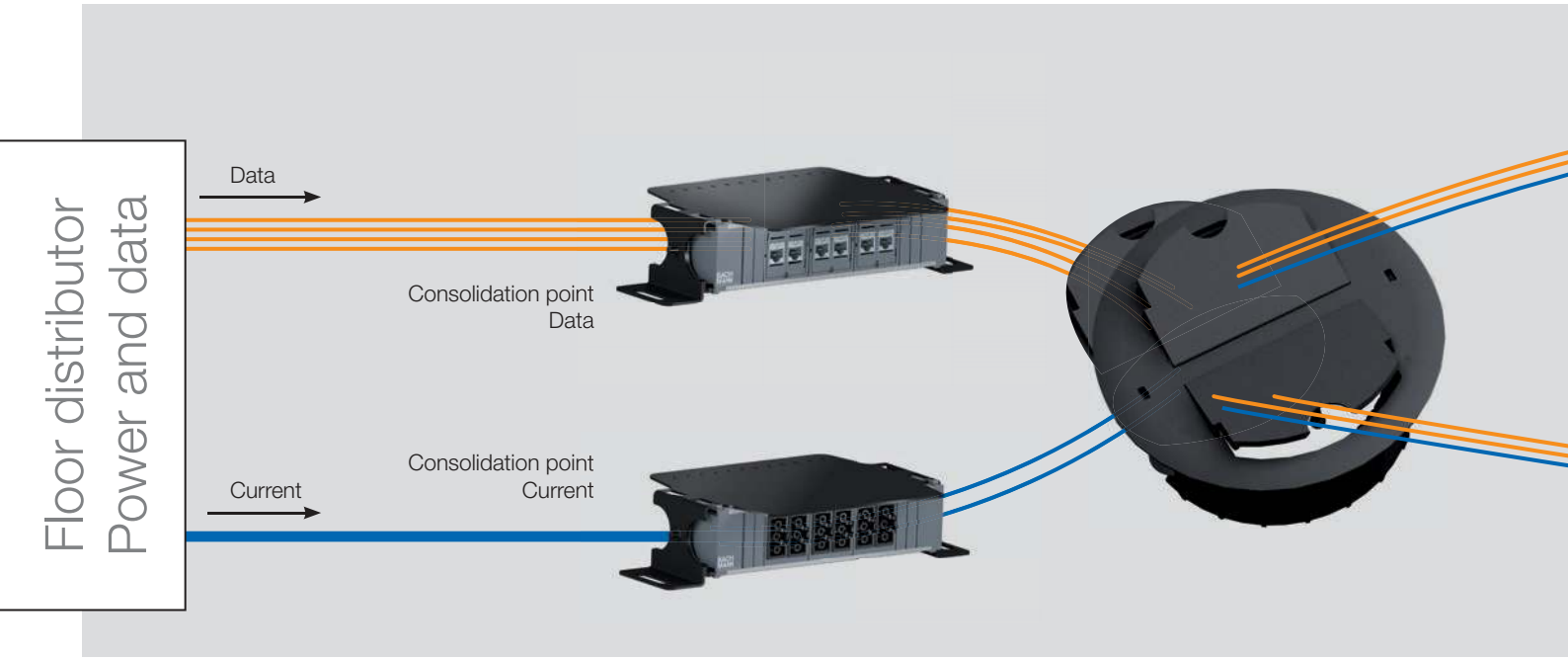
Mini patch column 2S

Mini column

924.6000

- Mini patch column, simple mounting on the
- LanLight® cone holder (924.1041)
- 2 socket outlets with earthing contact (2 phases)
- Coded connecting points (power A-B)
- 30 mm surge water protection
- 2 x 0.2 m breakout cable H05VV-F3G 2.5 mm² and GST18i3 plug incl. GST T-piece
- Socket outlets: 2-pole with earthing contact, 16A/3680W, AC250V, IP20, black
- Column materials: Extruded aluminium, powder-coated silver-grey similar to RAL9006
- Height 150 mm, diameter 95 mm

F R



Consolidation point

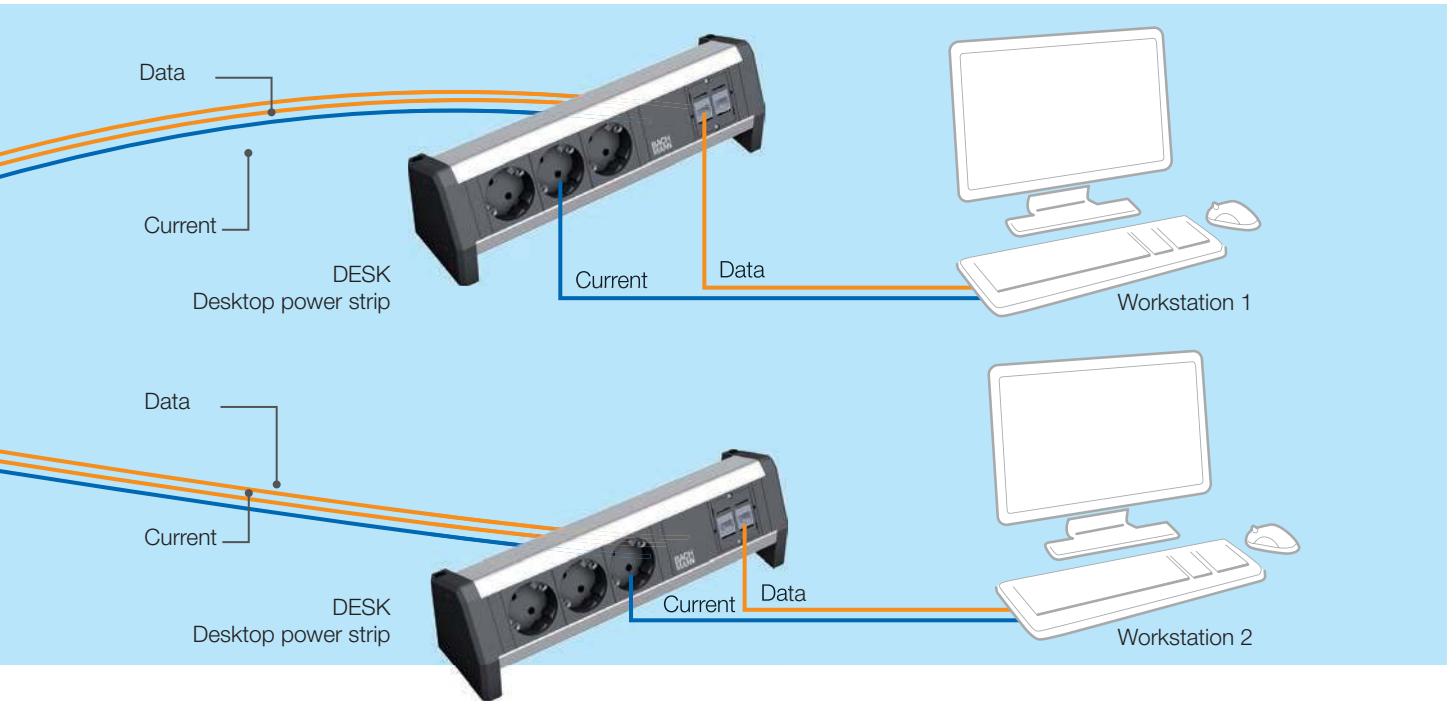
Installation solutions from a single supplier

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

The consolidation points for power and data are linked to the floor distributor in the conventional way. Floor outlets and desktop power strips from the Bachmann Facility range complete the installation kit. After the consolidation point the floor outlet allows power and data to be conveyed with ease to the workstation. This dispenses with complicated and inflexible installations such as traditional floor box systems.

Thanks to the "open-office cabling", CP and MUTO concepts the network installation is flexible, future-proof and at the same time cost-optimised. The combination of power and data connections can be found in various Bachmann FACILITY SOLUTIONS. They thus offer a user-focused unit providing all necessary connections.

In the complete Bachmann catalogue you can also find various desktop 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.



CP mounting

- Robust steel plate mounting for CPs
- 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. CP unit
- Raised position of CP units for greater protection in case of minor ingress of water

CP power

- Power CP is fully wired and electrically tested at the factory
- Power connections with connector systems by Wieland (Gesis GST); Wago (Winsta) versions available on request
- Other connector systems can be fitted if required
- Time-optimised on-site installation
- Future-proof thanks to flexible structure

CP power reconnectable

CP data

- CP data - flexible and modular based on custom modules
- Various manufacturers' systems can be integrated
- Easy to install and future-proof thanks to modular structure
- Should a change be necessary, only the data connector unit is changed
- Mounting and unit remain unchanged
- Additional strain relief for data connection can be provided with cable ties

Consolidation point units for power

- Fully wired and electrically tested
- With Wieland GST18i3 plug-in connector

Art. no.	Version
Consolidation point units for power	
Short	
919.2000	· 6-way GST18i3 socket, black, 1-phase · Power input: GST18i3
919.2001	· 2 x 3-way GST18i3 socket, 2-phase · Sockets in black and red · Power input: GST18i3
Consolidation point units for power	
Long	
919.2002	· 12-way GST18i3 socket, black, 1-phase · Power input: GST18i3
919.2003	· 2 x 6-way GST18i3 socket, 2-phase · Sockets in black and red · Power input: GST18i3
919.2004	· 3 x 4-way GST18i3 socket, 3-phase · Sockets in black, red and grey · Power input: 3x GST18i3 socket
919.2005	· 3 x 4-way GST18i3 socket, 3-phase · Sockets in red, black and grey · Power input is via the end cap with rewireable terminal to allow connection by user

Consolidation point units for data

- Without power, to integrate with Bachmann custom modules
- Anodised aluminium profile

Art. no.	Version
C **Consolidation point units for data**	
912.000	· 3 x custom modules, empty · Short: 217 mm
912.001	· 6 x custom modules, empty · Long: 356 mm

Consolidation point mounting

- Colour black similar to RAL 9005
- Mounting, steel plate

Art. no.	Version
Consolidation point mounting	**L x W x H: 295 x 85 x 65 mm**
919.1100	· Short (for units with 3 modules)
Consolidation point mounting	**L x W x H: 435 x 85 x 65 mm**
919.1101	· Long (for units with 6 modules)

C Custom module

Floor outlet for dry-maintained floors

Outlet for dry-maintained floors (raised and false floors) from 24 mm thickness for the cable outlet from the sub-floor (consolidation point) to the power strip on the desk. The outlet features a very simple universal fixing. With one rotation of each of the two eccentric Allen bolts in the outer ring the outlet is anchored firmly into the floor, yet can easily be removed again if required. Two flaps, each of which can be opened to a position independent of the other, allow cabling to be routed out from the floor. The flaps can be snap-fastened in open positions, thus preventing cables becoming bent and possibly damaged. If required the flaps can be rotated through 130° with the inner ring. Textile-fibre sleeves or cable management systems from the Bachmann range can be docked to the outlet flaps. If the outlet is no longer used, the flaps can be lowered and used as a blank cover that can be stepped on.

- Exit point/ground outlet for power supply lines and data lines
- Fits in raised floors with thicknesses from 24 mm
- For hole diameter 112 mm
- Simple fixing mechanism with Allen bolts
- 2 flaps, rotatable though approx. 130°, for cable outlet
- Material: polyamide (halogen-free)

Art. no.	Version
Exit point/ground outlet	**similar to RAL 9005**
919.1000	· Black similar to RAL 9005

Data cables –> Transfer of data within various categories

(see glossary) Used for network and IP telephone services

Art. no.	Length	Version
CAT5e patch cable plug/plug		
918.003	1.0 m	· CAT5e cable, shielded, colour grey
940.052	3.0 m	· Conforms to ISO / IEC 11801 and EN 50173
940.053	5.0 m	· Ends 1 and 2: RJ45 plug with protective rubber sleeve and
		· protective tongue for interlock
		· Suitable for e.g. CAT5e socket / socket 940.057

CAT6 patch cable plug / plug		
940.040	3.0 m	· CAT6 cable, shielded, colour grey
940.041	5.0 m	· Conforms to ISO / IEC 11801 and EN 50173
		· Ends 1 and 2: RJ45 plug with protective rubber sleeve and
		· protective tongue for interlock
		· Suitable for e.g. CAT6 socket / socket 940.044

CAT6a patch cable plug / plug		
918.006	1.0 m	· CAT7 cable, shielded, colour black
918.007	3.0 m	· Conforms to IEC 61156-6
918.008	5.0 m	· Ends 1 and 2: RJ45 Hirose TM12 CAT6a plug with
		· protective rubber sleeve and unlocking tongue
		· Suitable for e.g. CAT6 socket / socket 940.044

CAT6a patch cable plug		
918.033	3.0 m	· CAT7 cable, shielded, colour black
918.034	5.0 m	· Conforms to IEC 61156-6
		· End 1: RJ45 Hirose TM12 CAT6a plug with protective rubber sleeve and
		· unlocking tongue. End 2: CAT6a TKM 10 GB keystone socket.
		· Fits into keystone frames 917.000 / 917.001 / 917.061 / 917.062

RJ12 patch cable plug / plug		
940.089*	3.0 m	· RJ12 cable, unshielded, colour black
		· Conforms to ISO / IEC 11801 and EN 50173
		· Ends 1 and 2: RJ12 plug with protective rubber sleeve
		· Suitable for e.g. RJ12 socket / socket 940.085

VGA 15-pole HD with or without miniature jack cable (stereo 3.5 mm) –>

Transmission of analogue image and audio signals

Art. no.	Length	Version
VGA 15-pole HD combi cable with miniature jack		
918.066	1.0 m	· High quality cable, high flexibility, colour black
918.067	3.0 m	· End 1: 1 x VGA plug 15 HD, 1x miniature jack plug 3.5 mm
918.068	5.0 m	· End 2: 1 x VGA plug 15 HD, 1x miniature jack plug 3.5 mm
918.069	10.0 m	· Plug with metal housing and shielding,
		· additional ferrite cores are not needed
		· can be used for custom modules with VGA +
		· Mini stereo jack socket / socket (e.g. 917.045 etc.)

VGA 15-pole HD		
918.009	1.0 m	· High quality cable, flexible, colour black
940.047	3.0 m	· End 1: 1 x VGA plug -15 HD
940.048	5.0 m	· End 2: 1 x VGA plug -15 HD
		· Can be used with custom modules with VGA socket / socket (e.g. 917.011)

Media VGA 15-pole HD combi cable with miniature jack

(3.5 mm stereo) and RJ12 (signal control) for media switch

Art. no.	Length	Version
VGA 15-pole HD combi cable with miniature jack and signal control		
903.107	1.0 m	· High quality cable, high flexibility, colour black
903.108	3.0 m	· End 1: 1 x VGA plug 15 HD, 1 x miniature jack plug 3.5 mm and RJ12 plug
903.109	5.0 m	· End 1: 1 x VGA plug 15 HD, 1 x miniature jack plug 3.5 mm and RJ12 plug
903.110	10.0 m	· Plug with metal housing and shielding, · additional ferrite cores are not needed · can be used for custom modules with VGA · + mini stereo jack socket / socket and button (e.g. 917.134)

HDMI connecting cable –> digital transmission of image and audio signals

Art. no.	Length	Version	Note*
HDMI connecting cable			
918.0191	1.0 m	· HDMI cable, colour black	
918.0192	3.0 m	· HDMI standard 4K x 2K	
918.0193	5.0 m	· End 1: 19-pole HDMI plug · End 2: 19-pole HDMI plug · Can be used with custom modules with HDMI socket/socket (e.g. 918.040)	
918.0201	7.5 m	· HDMI cable, colour black · HDMI standard 4K x 2K · End 1: 19-pole HDMI plug · End 2: 19-pole HDMI plug · Long distance · Solid metal · Can be used with custom modules with HDMI socket/socket (e.g. 918.040)	

DVI-I connecting cable –> digital transmission of image signals

(compatible with DVI-A and DVI-D plug-in connectors)

Art. no.	Length	Version
DVI-I connecting cable		
918.017	3.0 m	· DVI cable, colour black
918.018*	5.0 m	· End 1: 1 x DVI plug · End 2: 1 x DVI plug · Can be used with custom modules with DVI-I socket / socket (e.g. 917.021 / 917.078)

Cinch video + audio stereo connecting cable –> transmission of analogue image and audio signals

Art. no.	Length	Version
Cinch video + stereo connecting cable		
918.015*	3.0 m	· Cinch connecting cable set, colour black
918.016*	5.0 m	· End 1: Cinch plug (red + white + yellow) · End 2: Cinch plug (red + white + yellow) · Can be used with custom modules with Cinch socket / socket (e.g. 917.026)

S-video (Hosiden) connecting cable –> transmission of analogue image signals

Art. no.	Length	Version
S-video (Hosiden) connecting cable		
940.104*	3.0 m	· S-video (Hosiden) connecting cable, colour black
940.105*	5.0 m	· End 1: S-video plug · End 2: S-video plug · Can be used with custom modules with S-video socket / · socket (e.g. 917.028 / 917.035)

Note* For cable lengths, we recommend a maximum total length of more than 7.5 m to ensure the HDMI standard quality of 4K x 2K.

3.5 mm miniature socket connection cable –> transmission of audio signals

Art. no.	Length	Version
3.5 mm miniature jack connecting cable for audio signals		
918.010	1.5 m	· 3.5 mm miniature jack (stereo) connecting cable, colour black
918.011	2.5 m	· End 1: 3.5 mm stereo miniature jack plug
918.012	5.0 m	· End 2: 3.5 mm stereo miniature jack plug
		· can be used for custom modules with stereo jack
		· socket / socket (e.g. 917.045 / 917.157)

Cinch stereo connecting cable –> transmission of audio signals

Art. no.	Length	Version
Cinch stereo connecting cable for audio signals		
940.049	3.0 m	· Cinch (stereo) connecting cable, colour black
		· End 1: Cinch stereo plug (red + white)
		· End 2: Cinch stereo plug (red + white)
		· can be used for custom modules with Cinch
		· socket / socket (e.g. 917.027 / 917.028 / 917.022 / 917.023)

XLR connecting cable –> transmission of audio signals (e.g. from microphone)

Art. no.	Length	Version
XLR 3-pole connecting cable for audio signals		
918.013	3.0 m	· XLR 3-pole connecting cable, colour black
918.014	5.0 m	· End 1: XLR 3-pole plug with interlock
		· End 2: XLR 3-pole socket with interlock
		· Can be used with custom modules with XLR connector (e.g. 917.024)

USB 3.0 connecting cable

Art. no.	Length	Version
USB 3.0 A/B connecting cable		
917.1205	1.0 m	· USB A/B connecting cable, black
917.1203	3.0 m	· End 1: Plug A / end 2: Plug B
		· Fully wired

USB 3.0 A/A connecting cable (straight through, not for host-to-host connection)		
918.176	1.0 m	· USB A/A connecting cable, black, grey plug
918.178	2.0 m	· End 1: Plug A / end 2: Plug A
918.177	3.0 m	· Can be used with custom modules with USB A socket
		· (e.g. 917.018 / 917.019 / 917.400 / 917.401)
		· Fully wired straight through, not suitable for host-to-host connection

USB 3.0 connecting cable for host-to-host connection

Art. no.	Length	Version
USB 3.0 A/A connecting cable (crossed, for host-to-host connection)		
918.081	1.0 m	· USB A/A connecting cable, black, black plug
918.083	1.8 m	· End 1: Plug A / end 2: Plug A
918.082	3.0 m	· Can be used with custom modules with USB A socket
		· (e.g. 917.018 / 917.019 / 917.400 / 917.401)
		· Fully wired, 3.0 data pairs crossed for host-to-host connection

FireWire connecting cable –> transmission of data

Art. no.	Length	Version
FireWire connecting cable		
918.024	4.5 m	· FireWire connecting cable, colour black
		· End 1: FireWire 6-pole plug
		· End 2: FireWire 6-pole plug
		· Can be used with custom modules with FireWire socket / socket (e.g. 917.037)

Power supply cables for Bachmann FACILITY SOLUTIONS

Cables fitted with Wieland GST18 plug-in connectors are available to connect Facility products to the mains power supply. The benefits of these cables and their connectors, which are used all over the world, are flexibility in terms of length, the possibility of exchanging 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

Art. no.	Length	Version
Device supply cable, GST18 earthing contact		**black**
375.000	1.5 m	· Cable: H05VV-F 3G 1.5 mm²
375.075	2.0 m	· End 1: Right-angled earthing contact plug
375.003	3.0 m	· End 2: Wieland GST18i3 socket
375.005	4.0 m	
375.007	5.0 m	
375.039	10.0 m	
Halogen-free cable		
375.044	2.0 m	· Cable: S05VV-F 3G 1.5 mm²
375.045	3.0 m	· End 1: Right-angled earthing contact plug
375.046	5.0 m	· End 2: Wieland GST18i3 socket

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 137)
- Table-mounted frames can be earthed independently of the power strip fitted in them

Art. no.	Length	Version
Device supply cable, GST18 earthing contact		**black**
With extra earth connection		
375.115	2.0 m	· Cable: H05VV-F 3G 1.5 mm²
375.116	3.0 m	· End 1: Right-angled earthing contact plug
375.117	5.0 m	· End 2: Wieland GST18i3 socket with 0.3 m
		· 1.5 mm² green/yellow with M6 ring termination
Device supply cable, GST18, plug CH / Switzerland		**Black**
375.016	1.5 m	· Cable: H05VV-F 3G 1.0 mm²
375.017	3.0 m	· End 1: CH / Switzerland plug
375.018	5.0 m	· End 2: Wieland GST18i3 socket
Device supply cable, GST18, plug UK 13A		**Black**
375.068	2.0 m	· Cable: H05VV-F 3G 1.5 mm²
375.069	3.0 m	· End 1: UK 13 A plug
375.070	4.0 m	· End 2: Wieland GST18i3 socket
Device extension cable, GST18/GST18		**Black**
375.050	0.3 m	· Cable: H05VV-F 3G 1.5 mm²
375.053	1.0 m	· End 1: Wieland GST18 i 3 plug
375.038	2.0 m	· End 2: Wieland GST18 i 3 socket
375.055	3.0 m	
Halogen-free cable		Black
375.080	0.3 m	· Cable: S05Z1Z1-F3G 1.5 mm²
375.081	1.0 m	· End 1: Wieland GST18i3 plug
375.082	2.0 m	· End 2: Wieland GST18i3 socket
375.083	3.0 m	
Device extension cable, GST15/GST18		**Black**
375.127	1.5 m	· Cable: H05VV-F 3G 1.5 mm²
375.128	3.0 m	· End 1: Wieland GST15 i 3 plug
375.129	5.0 m	· End 2: Wieland GST18 i 3 socket

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wieland

Cables with ST18 connector system (old system, cannot be plugged in under load)

Art. no.	Length	Version
Device supply cable, ST18 earthing contact		**Black**
375.079	2.0 m	· Cable: H05VV-F 3G 1.5 mm²
375.040	3.0 m	· End 1: Right-angled earthing contact plug
375.076	5.0 m	· End 2: Wieland ST18/3 socket
Device extension cable, ST18/ST18		**Black**
375.071	0.5 m	· Cable: H05VV-F 3G 1.5 mm²
375.072	1.0 m	· End 1: Wieland ST18/3 plug
375.073	1.5 m	· End 2: Wieland ST18/3 socket
375.064	3.0 m	

Connectors / distributors

2

1

3

Art. no.	Version	Version
Inter-coupling		**Black**
No interlock		
375.500	GST/GST	· For easy connection of, for example,
375.515	GST/ST	· 2 STEP power strips with the same
		· or different plugging systems
375.516	ST/GST	· 1 x input (plug) and 1 x output (socket)
Multiplier, GST18		
For power distribution		
375.101	1 x input, 2 x output (1)	· Input: 3-pole plug
375.102	1 x input, 2 x output (2)	· Output: 3-pole socket
375.105	1 x input, 3 x output (3)	
Through-wired for 3-phase power, 5 and 3-pole		
375.106	1 x input, 1+6 x output	· Input: 1 x 5-pole plug · Output: 1 x 5-pole socket; · 6 x 3-pole socket per outer cable

Interlocks

Art. no.	Version	Version
Interlock for appliance plugs and couplings		
Compliant with VDE 0628		
375.518	Wieland 05.587.3156.1	· Snaps onto the corresponding plugs · and couplings
Locking latch (interlock)		
Compliant with VDE 0628		
375.501	Black Wieland 05.584.0153.0	· For snap-in fitted plug and coupling

Accessories

Art. no.	Version	Version
End cap		
375.503	Black Wieland 05.561.3653.1	· Plugs into the snap-in built-in plug and · coupling

Mounting accessories

wieland

Art. no.	Version	Version
Appliance plug with screw terminal, GST18		
375.504	Black Wieland 92.932.3053.1	· Ready to fit, with strain relief · For cross section 0.75 – 2.5 mm², solid and flexible
375.517	White Wieland 92.932.3052.0	· Conductors without end sleeves can be connected · For cable diameters 6.5 – 10.5 mm · (H05VV, NYM)

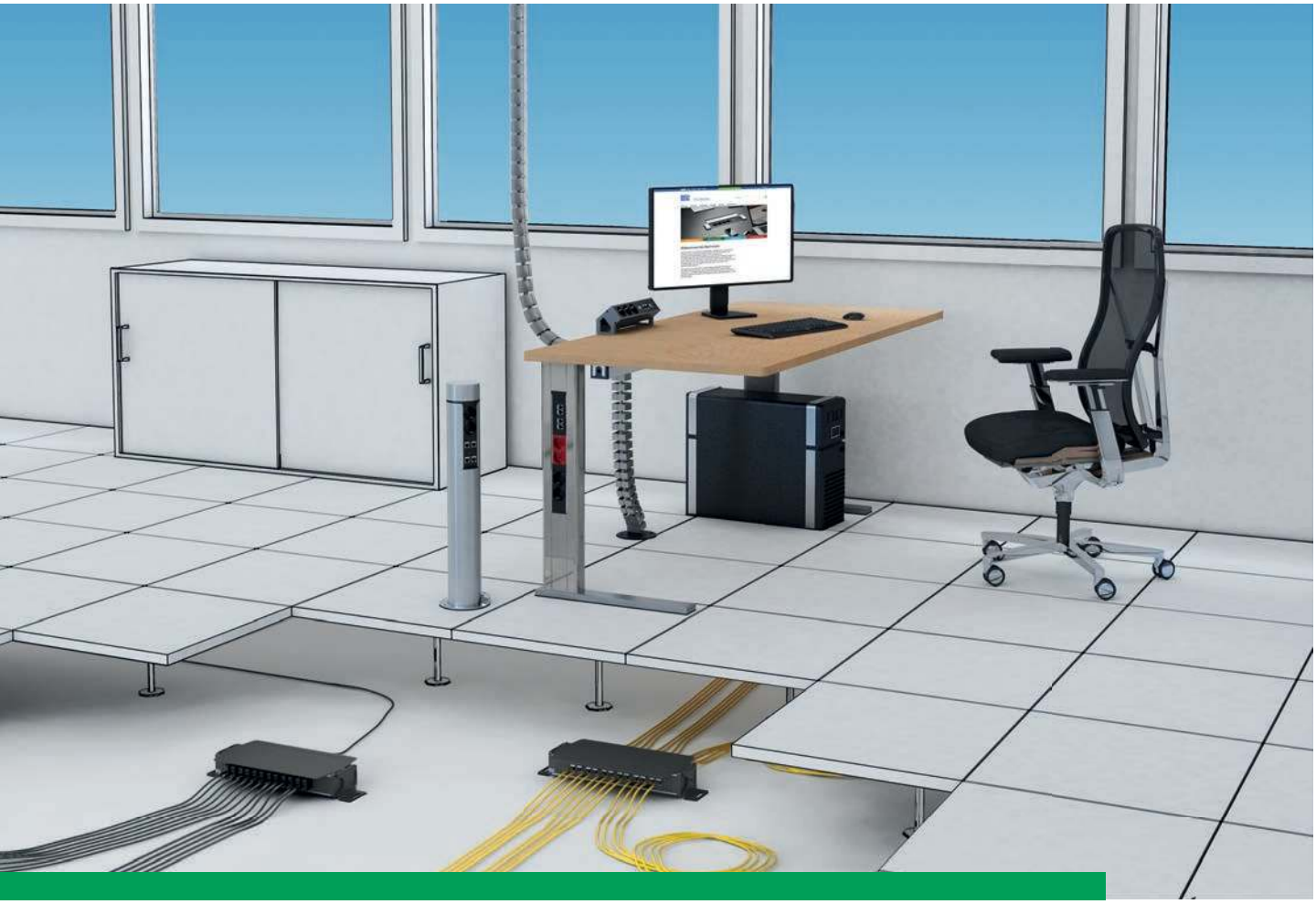
Appliance plug with spring-loaded terminal, GST18i3		
Lockable, coded		
940.073	Bright red Wieland 92.934.0553.0	· Ready to fit, with strain relief · For rigid cables from 1.5 – 2.5 mm²,
940.074	Pebble grey Wieland 92.934.0153.0	· Flexible cables 1.5 mm² with end sleeves · 2 connections per pole, not mounted, · For H05VV, NYM cables (diameter 7.8 – 10.3 mm)

Appliance coupling with screw terminal, GST18i3		
375.505	Black Wieland 92.931.3053.1	· Ready to fit, with strain relief · For cross section 0.75 – 2.5 mm², solid and flexible
375.514	White Wieland 92.931.3053.0	· Conductors without end sleeves can be connected · For cable diameters 6.5 – 10.5 mm · (H05VV, NYM)

Appliance coupling with spring-loaded terminal, GST18i3		
Lockable, coded		
940.070	Bright red Wieland 92.933.0553.0	· Ready to fit, with strain relief · For rigid cables from 1.5 – 2.5 mm²,
940.071	Pebble grey Wieland 92.933.0153.0	· Flexible cables 1.5 mm² with end sleeves · 2 connections per pole, not mounted, · For H05VV, NYM cables (diameter 7.8 – 10.3 mm)

Snap-in fitted plug, spring loaded, GST18		
With interlock		
375.506	Black Wieland 92.032.9658.1	· Flexible cable 0.5 – 1.5 mm² with end sleeve · Rigid cable 0.5 – 2.5 mm²

Snap-in fitted coupling, spring loaded, GST18i3		
With interlock		
375.507	Black Wieland 92.031.9658.1	

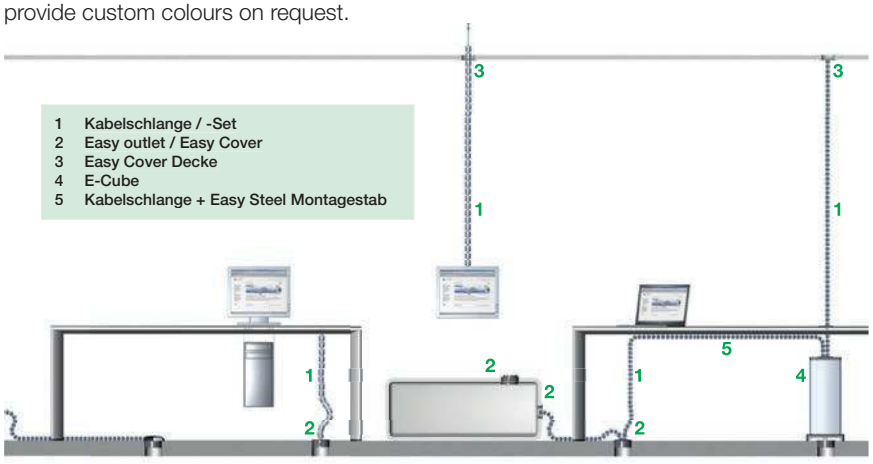


Cable management
Perfect installation solutions

Bachmann banishes unwieldy cables from workstations. The KABELSCHLANGE® cable management system allows the optimum routing of cables at workstations between desk, floor box, wall duct and the various devices.

Bachmann can offer the best cable management system for every situation. Whether the cables run along the floor or are routed from the floor to the desk, the 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.



Flexible cable management system

Individual
Plugging
Shortening
Extending

- The links are safe to step on and break-proof, and can be moved about relative to one another.
- 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

Art. no.	Colour	Version
Kabelschlange® Classic (for horizontal and vertical cable routing)		
930.030	Black	· 3-chamber system to separate low-current, data and power cables
930.031	Silver	· 46 chain links, W x H: approx. 53 x 23 mm · Length (separated): approx. 100 cm, (pushed together): approx. 72 cm

Kabelschlange® Cube (for horizontal and vertical cable routing)		
930.058	Black	· 2-chamber system to separate data and power cables
930.059	Silver	· 34 chain links, W x H: approx. 55 x 25 mm · Length (separated): approx. 100 cm, (pushed together): approx. 69 cm

Kabelschlange® Pro (for horizontal and vertical cable routing)		
930.032	Black	· Increased resistance to being stepped on even in high foot traffic areas such as passages
930.033	Silver	· 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 Kabelschlange® Classic · 34 chain links, W x H: approx. 90 x 24 mm · Length (separated): approx. 100 cm, (pushed together): approx. 70 cm

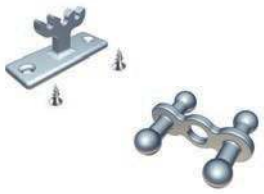
Kabelschlange® Premium Set (for vertical cable routing)		
930.049	Black	· Stylish premium set:
930.050	Silver	· 16 chain links, W x H: approx. 70 x 35 mm · 1 x metal base plate in appropriate colour · 1 x desk attachment in appropriate colour · The chain links can be pushed together completely to form an enclosed, self-locking, · elliptical cable duct. · 2-chamber system to separate data and power cables · Length incl. base plate and desk attachment approx. 78 cm · Length without accessories approx. 75 cm · Length (pushed together):·approx. 59 cm in set

Kabelschlange® Quadro Set (for vertical cable routing)		
930.016	Black	· Functional set with a strong design element:
930.017	Silver	· 23 quadratic chain links, W x H: approx. 45 x 45 mm · 1 x metal base plate in appropriate colour · 1 x desk attachment in appropriate colour The Quadro system is very stable and can therefore be used for ceiling-based installations for room heights of up to approx. 5 metres. · 2-chamber system to separate data and power cables · Length incl. base plate and desk attachment approx. 76 cm

Kabelschlange® Quadro (as addition to set article no.: 930.016 and 930.017)		
930.018	Black	· as addition to set article no.: 930.016 and 930.017
930.019	Silver	· for seating/standing combinations (height adjustable) or desk/table heights as of 75 cm and for ceiling suspensions · 32 links, length approx. 100 cm

Kabelschlange® FLEX II Set (for vertical cable routing)		
930.022	Black	· Compact and flexible set:
930.023	Silver	· 38 chain links, W x H: approx. 55 x 22 mm · 1 x metal base plate in appropriate colour · 1 x desk attachment in appropriate colour · 2-chamber system to separate data and power cables · and for ceiling suspensions · Length incl. base plate and desk attachment approx. 75 cm

Furniture accessories



Art. no.	Colour	Version
Kabelschlange® FLEX II (as addition to set article no.: 930.022 and 930.023)		
930.020	Black	· for seating/standing combinations
930.021	Silver	· 54 links. Length approx. 100 cm
Easy-Bridge®		
930.027	Silver	· Aluminium floor duct, can be stepped on, length 100 cm · The Kabelschlange Pro® can be connected directly · For carpet
Easy-Bridge®		
930.028	Silver	· Aluminium floor duct, can be stepped on, length 100 cm · The Kabelschlange Pro® can be connected directly · For smooth floors
Easy-Steel® mounting bar		
930.024*		· Dimensions: Length 750 mm, diameter 5 mm
Easy-Desk-3G®		
930.025*	Silver	· Easy-Steel® mounting bar fastening
Easy-Connect®		
930.026*	Silver	· Universal coupling
Easy-Desk-2B®		
930.029	Black	· Adapter for vertical connections on furniture
930.090	Silver	· Can be combined with Easy-Stop® and Easy-Steel® · Includes two 4 x 12 mm screws
Easy-Stop-2B2K®		
930.091	Black	· 3-part cable strain relief for Kabelschlange® Classic, Cube, Pro
930.092	Silver	· Can be combined with Easy-Desk-2B® and Easy-Steel® · Includes clamping screws
E-Cube-K-540® power column for supply of power and data		
930.166		· To hold sockets indoors (e.g. article no.: 333.0122) · Material: anodised aluminium / plastic · Dimensions: Height approx. 54 cm/ cover approx. 22.3 x 22.3 cm/ base approx. 24 x 24 cm · Hole diameter 80 mm including Easy Outlet® telescopic cover

Floor connection accessories

Illustration shows
930.099 and 930.137

Art. no.	Colour	Version
Easy-Outlet® floor unit		
930.098*	Black	· Floor level installation unit
930.099*	Silver	· Tight braced fastening · Suited to dry-maintained raised and false floors
Easy-Cover® telescopic cover for floor unit		
930.100*	Black	· Telescopic cover set for Easy-Outlet® floor unit
930.137	Silver	

* No storage type

Furniture accessories

Art. no.	Colour	Version
Easy-Cover-I® (system attachment for floor unit)		
930.138*	Silver	· Connection for 1 x Cube, Pro, Classic or Flex · Material: PP for use in floor outlet
Easy-Cover-II® (system attachment for floor unit)		
930.139*	Silver	· Connection for 2 x Cube, Pro, Classic or Flex · Material: PP for use in floor outlet
Easy-Cover-Quadro® (system attachment for floor unit)		
930.164*	Black	· Connection for 1 x Kabelschlange® Quadro · Material: PP for use in floor outlet
Easy-Cover-Premium ® (system attachment for floor unit)		
930.165*	Black	· Connection for 1 x Kabelschlange® Premium · Material: PP for use in floor outlet
Easy-Switch® distributor (for Kabelschlange® Classic, Cube, Pro)		
930.034*	Black	· 3-way distributor
930.035*	Silver	· includes 4 coupling links for KS Cube®
Easy-Switch® distributor (for Kabelschlange® Classic, Cube, Pro and a vertical K. Premium connection)		
930.057*	Black	· 4-way distributor with fixing screw and base plate · includes 4 coupling links for KS Cube®
Easy-Cap®		
930.044*	Black	· Cover cap for Easy-Switch connections that are not needed
930.045*	Silver	
Easy-Clip-S® floor outlet adapter for all common floor outlets		
930.036*	Black	· For ground outlet for Kabelschlange® Classic · Dimensions: L x W: approx. 86 x 47 mm
Easy-Clip-L® floor outlet adapter for all common floor outlets		
930.054*	Black	· For ground outlet for Kabelschlange® Pro and Cube · Dimensions: L x W: approx. 91.5 x 51 mm

Ceiling connection accessories

Art. no.	Colour	Version
Easy-Cover-I® (system attachment with low transmission of force to suspended ceilings)		
930.094*	White	· Connection for 1 x Cube, Pro, Classic or Flex · Material: POM for suspended ceilings
Easy-Cover-Quadro® (system attachment with low transmission of force to suspended ceilings)		
930.096*	White	· Connection for 1 x Kabelschlange® Quadro · Material: POM for suspended ceilings
Easy-Cover-Premium® (system attachment with low transmission of force to suspended ceilings)		
930.097*	White	· Connection for 1 x Kabelschlange® Premium · Material: POM for suspended ceilings

* No storage type

BRIDGE – the cable duct

Art. no.	Length	Version

CABLE BRIDGE — **Dimensions: (W x H) 146 x 9 mm**

Cable duct, straight

930.060	1.0 m	· Anodised aluminium profile, with rippled surface to reduce slipping
930.061	2.0 m	· 3-chamber system allowing power and data cables to be routed separately
		· Can be taped (using double-sided tape) or screwed into place
		· on the floor (see fixing accessories)

CABLE BRIDGE

Bracket for cable duct

930.062	45°	· Bracket in anodised aluminium
930.063	90°	

CABLE BRIDGE

Linking element for cable duct

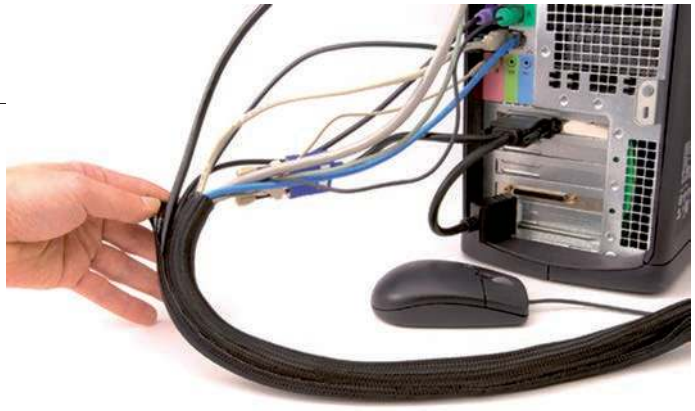
930.064	Straight	· Link for joining straight cable ducts
		· Screws into place with integral Allen bolts
		· 2 items

CABLE BRIDGE

Fixing accessories for cable duct

930.065	Straight	· For screwing down cable ducts at the ends
		· 4 items

Wrap textile-fibre sleeves

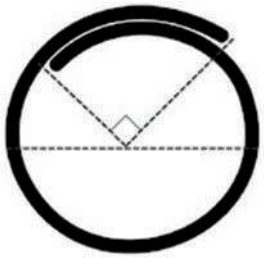


Wrap textile-fibre sleeves bundle and protect cables and wires in office and home environments.
The elastic braided sheath with its monofilament fibres assures fire and abrasion resistance and is thus also ideal for professional and industrial use.

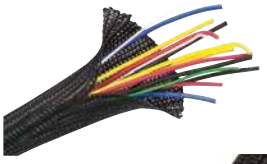
Automatic Wrap

The benefits at a glance

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



Art. no.	Length	Version
Automatic Wrap		
Dimensions: diameter 2.54 cm = 1 inch		
930.900	1.0 m	· Black
930.901	2.0 m	· Black
930.902	3.0 m	· Black



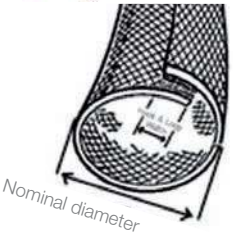
Automatic Wrap		
Dimensions: diameter 5.08 cm = 2 inches		
930.903	1.0 m	· Black
930.904	2.0 m	· Black
930.905	3.0 m	· Black

Manual Wrap in colour

The benefits at a glance

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

Art. no.	Version	Version
Manual Wrap		
Dimensions: diameter 3.18 cm = 1 ¼ inch		
930.906*	1.0 m	· Black
930.907*	2.0 m	· Black
930.908*	3.0 m	· Black
Dimensions: diameter 5.08 cm = 2 inches		
930.909*	1.0 m	· Black
930.910*	2.0 m	· Black
930.911*	3.0 m	· Black



* No storage type

INDUSTRIAL SOLUTIONS

Efficient power and data distribution for manufacturing

With Bachmann INDUSTRIAL SOLUTIONS you can be sure of having access to the best connectors and connections wherever you are in the world. Our systems are configurable with all standard international socket outlets and data connections. Modules can be retrofitted or interchanged quickly and easily.

In short, Bachmann maximises your options when it comes to energy and data management systems that are fit for the future.

Our top priority at Bachmann is a collaborative partnership with our customers. This begins with what we refer to as “customised engineering”, since providing engineering services for customised solutions is as important for our international development team as continuing to develop the Bachmann range overall.
The result is a long list of registered designs and patents for technical innovations and special solutions under the Bachmann brand.

Power strips 212

BlueNet power management 214

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Compressed air units 216

ESD units 217

STEP 218

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DESK 223

Custom modules ..... 224 C

Cables 225

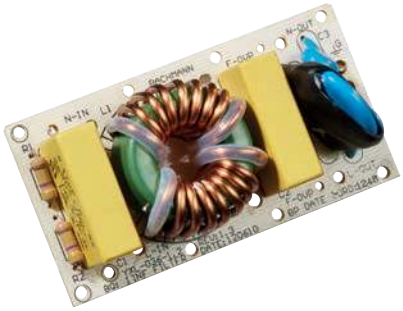
Lighting 226

World of opportunities

Function modules can be integrated ex factory

Overvoltage protection

These days the failure of electrical and electronic equipment is a real nightmare scenario. Protection against excess electric voltage is more important than ever for electrical and electronic equipment. "24/7 availability" is now essential for many users. Don't worry: the Bachmann strip with built-in overvoltage protection is 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.

USB 3.0 keystone module

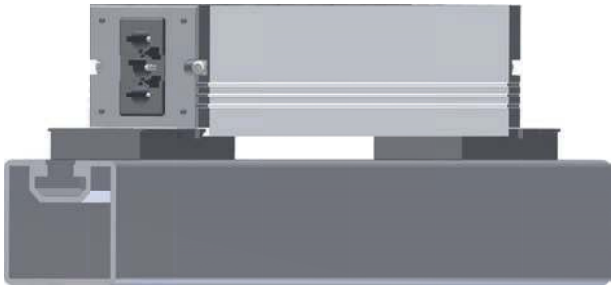
The USB keystone module supports USB 3.0 and allows data to be transferred at high speed. Three different socket/socket combinations are available for different configurations.

Residual current circuit breaker / miniature circuit breaker

The residual current circuit breaker / miniature circuit breaker integrated in a Bachmann strip gives you peace of mind. The user can select between the two circuit breakers. But they can of course be combined too.

Bachmann products provide solutions that are as individual as life itself.

FACTORY
The professional solution



Mounts flush with profile

Power strips in aluminium profile, 1 HU, width 44.5 mm, ideally suited for mounting on 45 mm T-slot profiles.

- Strip does not protrude over the 45-mm T-slot profile
- Can be mounted on 30, 45 or 60 mm T-slot profiles
- Can be mounted on the upright profiles of various manufacturers
- Easy to fit with specially designed mounts (ESD-capable)
- Mains input and output based on Wieland GST18 connector system
- Strips can be linked to one another using device extension cables (see page 225)
- Power infeed direct to mains input via supply cable (see page 225) or via feed modules (see from page 215)

Max. 16 A/230 V~

Art. no.	Version
FACTORY 1 HU 3 x earthing contact, GST18, max. 16 A / 230 V~ / 3680 W	**Length: approx. 294 mm**
509.001	· Anodised aluminium profile 1 HU · 3 x socket outlet with earthing contact, RAL7035, set at 35° · Power input: GST18i3 plug, black · Power output: GST18i3 socket, black · Incl. safety plug catch
FACTORY 1 HU 2 x earthing contact, GST18, max. 16 A / 230 V~ / 3680 W	**Length: approx. 294 mm**
1 switch, illuminated, controls power output	
509.002	· Anodised aluminium profile 1 HU · 2 x socket outlet with earthing contact, RAL7035, set at 35° · 1 switch, red, 2-pole, controls power output (e.g. for lamp) · Power input: GST18i3 plug, black · Power output: GST18i3 socket, black · Incl. safety plug catch
FACTORY 1 HU 2 x earthing contact, GST18, max. 16 A / 230 V~ / 3680 W	**Length: approx. 294 mm**
1 switch, illuminated, controls power input (sockets and power output)	
509.003	· Anodised aluminium profile 1 HU · 1 switch, red, 2-pole, controls power input · 2 x socket outlet with earthing contact, RAL7035, set at 35° · Power input: GST18i3 plug, black · Power output: GST18i3 socket, black · Incl. safety plug catch

Max. 16 A / 230 V~

Art. no.	Version

FACTORY 1 HU 8 x earthing contact, GST18, max. 16 A / 230 V~ / 3680 W — **Length: approx. 866 mm**

2 switches, illuminated

509.004

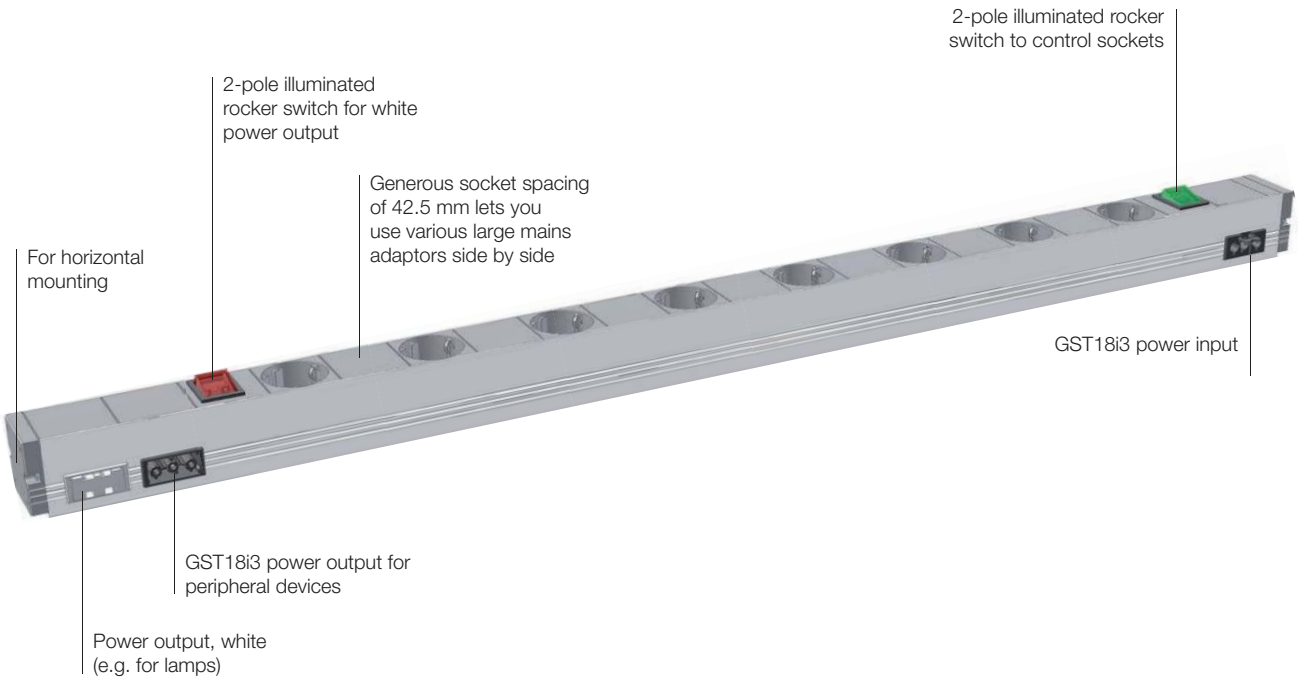
- Anodised aluminium profile 1 HU
- 1 switch, green, 2-pole, controls sockets
- 8 x socket outlet with earthing contact, RAL7035, set at 35°, with spacing between sockets
- 1 switch, red, 2-pole, controls only white auxiliary outlet
- Power inputs on side of profile:
- Power input: GST18i3 plug, black
- Power output: 2 x GST18i3 socket, black / white
- Incl. safety plug catch

FACTORY 1 HU 10 x earthing contact, GST18, max. 16 A / 230 V~ / 3680 W — **Length: approx. 1086 mm**

2 switches, illuminated

509.005

- Anodised aluminium profile 1 HU
- 1 switch, green, 2-pole, controls sockets
- 10 x socket outlet with earthing contact, RAL7035, set at 35°, with spacing between sockets
- 1 switch, red, 2-pole, controls power outputs
- Power inputs on side of profile:
- Power input: GST18i3 plug, black
- Power output: 2 x GST18i3 socket, black / white
- Incl. safety plug catch



Suitable mountings on page 222

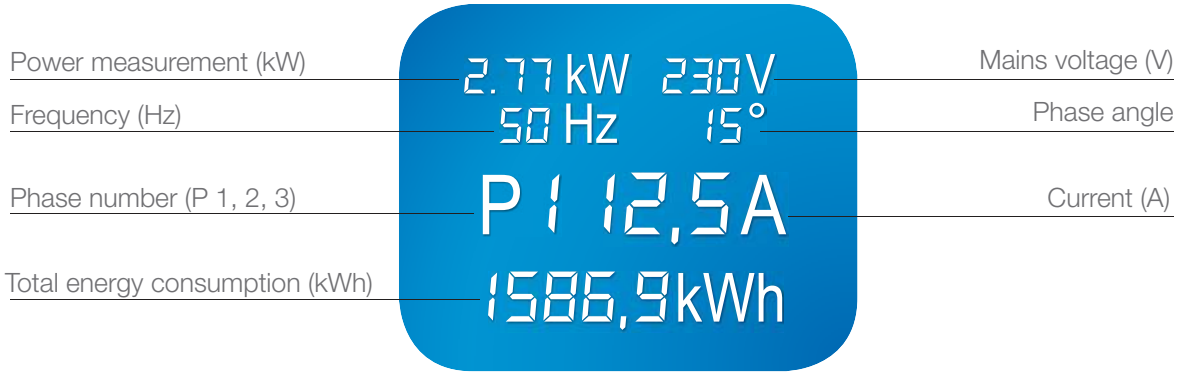
BlueNet

Recognising and making the most of potential

BlueNet
Efficient Power Management

Bachmann's BlueNet range creates optimal conditions for efficient power management. It makes power consumption transparent - and thus controllable - with intelligent products that help you to gather current data wherever power is consumed, and thus to spot potential energy savings - and to document and use them.

· Integrated function for measuring current, voltage, power, phase angle, frequency and total energy consumption (BlueNet Metered Plus)
· Measured values are shown on the display
· Modular construction allows configuration of PDUs to customers' specifications



Art. no.	Version
FACTORY 1 HU Metered BlueNet, GST18, max. 16 A / 230 V~ / 3680 W	**Length: approx. 191 mm**
Current measurement	
509.009	· Anodised aluminium profile 1 HU · 1 x current measurement (digital ammeter) · Power input: GST18i3 plug, black · Power output: 2 x GST18i3 socket, black · Current measurement features: · Range 0-16 A, max. current 32 A, · Accuracy: class 1, backlit liquid crystal display

FACTORY 1 HU Metered Plus BlueNet, GST18, max. 16 A / 230 V~ / 3680 W	**Length: approx. 191 mm**
Current and power measurement with phase angle	
509.012	· Anodised aluminium profile 1 HU · 1 x current + power measurement · Power input: GST18i3 plug, black · Power output: 2 x GST18i3 socket, black · Power measurement features: · backlit LCD display, precision: class 1, 1-phase, max. 16 A · Mains voltage (V), current (A), frequency (Hz), phase angle, · energy (kWh) and power (kW) measurement

Suitable mountings on page 222

Feed modules
Greater safety at the workstation

Feed modules in aluminium profile, 1 HU (width 44.5 mm) with protective features and 2 power outputs

· Can be used as the base unit for any power strip
· Easy to fit with specially designed mounts (ESD-capable)
· Connects to power strip via extension cable (see page 225)
· 1 x power input and 2 x power output in Wieland GST18
· System for connecting to one or two power strips or workstations
· Integral protector unit with overvoltage protection, miniature circuit breaker or residual current device
· Feed modules with built-in current and power measurement to record energy consumption of workstation

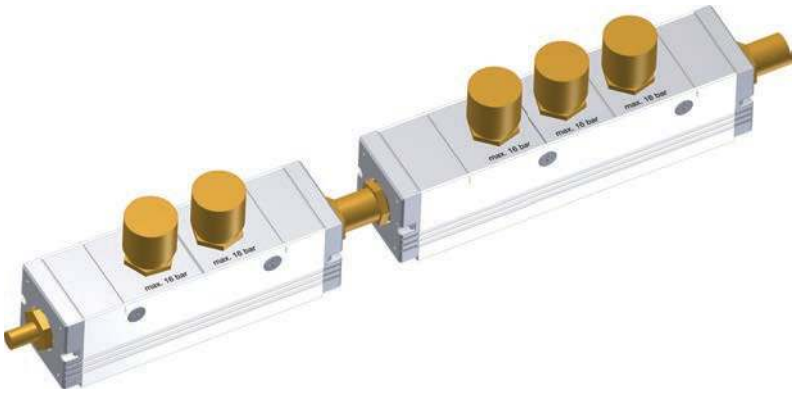
Art. no.	Version
FACTORY 1 HU overvoltage protector with filter, GST18, max. 16 A / 230 V~ / 3680 W Length: approx. 235 mm	
509.006	· Anodised aluminium profile 1 HU · 1 overvoltage protector, 6.5 kA with optical function and fail indicator; · Mains filter, 30 MHz · Power input: GST18i3 plug, black · Power output: 2 x GST18i3 socket, black

FACTORY 1 HU miniature circuit breaker, GST18, max. 16 A / 230 V~ / 3680 W Length: approx. 235 mm	
509.007	· Anodised aluminium profile 1 HU · 1 miniature circuit breaker, 16 A, 2-pole, type B · Power input: GST18i3 plug, black · Power output: 2 x GST18i3 socket, black

FACTORY 1 HU residual current device* (RCD), GST18, max. 16 A / 230 V~ / 3680 W Length: approx. 235 mm	
509.008	· Anodised aluminium profile 1 HU · 1 residual current device, 16 A, tripping current 10 mA, response time 30 ms, 2-pole · Power input: GST18i3 plug, black · Power output: 2 x GST18i3 socket, black * From 1 February 2009 all mains circuits supplying power sockets used by non-technical specialists must be fitted with an RCD. Indoor use: up to 20 A / Outdoor use: up to 32 A

Suitable mountings on page 222

Compressed air
Everything in one system



Aluminium profile, 1 HU (width 44.5 mm) with standard compressed-air outlets for up to 16 bar

· Simple to fit with specially designed mountings
· Standard compressed air outlets, nominal diameter 7
· Infeed and onward supply via nominal diameter 5
· Strips can be linked to one another directly or via a connecting hose
· Other nominal diameters and configurations available on request

Art. no.	Version
FACTORY 1 HU, 2 x compressed air outlet, max. 16 bar	**Length: approx. 147 mm**
509.010	· Anodised aluminium profile 1 HU · 2 x compressed air outlet (NW7 coupling) · Compressed air inlet via NW5 connector · Compressed air outlet via NW5 coupler

FACTORY 1 HU, 3 x compressed air outlet, max. 16 bar	**Length: approx. 187 mm**
509.011	· Anodised aluminium profile 1 HU · 3 x compressed air outlet (NW7 coupling) · Compressed air inlet via NW5 connector · Compressed air outlet via NW5 coupler

Compressed air

Ordinary air is forced via compressors to a higher pressure and can be used to drive a variety of equipment. Bachmann FACTORY compressed air units distribute the compressed air to two or three access points for end-use devices (screwdrivers, compressed-air guns etc.). Each compressed air unit also has a compressed air outlet, allowing more than one unit to be used in combination.

Suitable mountings on page 222

ESD- Electro Static Discharge
All-round protection

Aluminium profile, 1 HU (width 44.5 mm) with standard ESD connectors

· Simple to fit with specially designed mountings (ESD-capable)
· Integrates simply into ESD design of workstation via standard plug connectors and so can be used as EBP (earth bonding point)
· Other nominal diameters and configurations available on request

Art. no.	Version
FACTORY 1 HU 3 x ESD 10 ohm	**Length: approx. 104.5 mm**
509.013	· Anodised aluminium profile 1 HU · 2 x ESD snap connector socket, 10 mm, 10 ohm · Input: 3 m cable, green/yellow with M4 ring termination

FACTORY 1 HU 3 x ESD 10 ohm	**Length: approx. 147 mm**
509.014	· Anodised aluminium profile 1 HU · 3 x ESD snap connector socket, 10 mm, 10 ohm · Input: 3 m cable, green/yellow with M4 ring termination

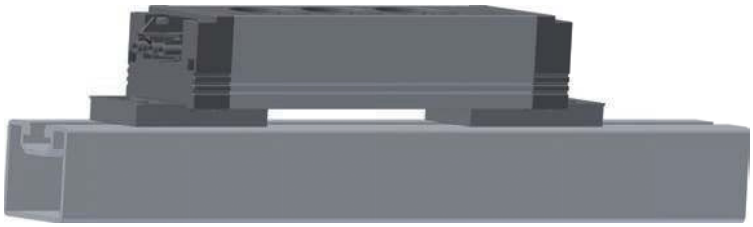
ESD

ESD is the abbreviation for electrostatic discharge, which occurs when two bodies at different electrical potentials come into contact and their charges equalise. Electrostatic charges are created when two different materials are rubbed together or are separated from one another. Examples include: walking on plastic floors, rubbing against synthetic clothing, moving plastic containers, unrolling adhesive PVC tapes or moving conveyor belts. In modern workspaces static charges can create high static voltages. Charges of above 10 kV are not uncommon. Where air humidity is below 20 %, values of 30 kV have been recorded.

Suitable mountings on page 222

STEP

The low-cost alternative



Power strips in plastic or aluminium profile (width 52 mm) for a simple modular electrification system.

- Compact dimensions and robust housing
- Can be mounted on T-slot profiles and the upright profiles of various manufacturers
- Easy to fit with specially designed mounts (ESD-capable)
- Mains input and output based on Wieland GST18 connector system
- Strips can optionally be fitted with modules (from page 215)
- Strips can be linked to one another using device extension cables (see page 225)
- Power supplied directly to mains input via supply cable (see page 225)

or via feed modules (from page 215)

Max. 16 A / 230 V~

Art. no.	Version
STEP BASE 3 x earthing contact, GST18, max. 16 A / 230 V~ / 3680 W	**Length: approx. 220 mm**
336.600	· Light-grey plastic profile, socket outlets black · 3 x socket outlet with earthing contact, set at 35° · Power input: GST18i3 plug, black · Power output: GST18i3 socket, black · Incl. safety plug catch

STEP BASE 3 x earthing contact red, GST18, max. 16 A / 230 V~ / 3680 W	**Length: approx. 220 mm**
336.601	· Light-grey plastic profile, red socket outlets · 3 x socket outlet with earthing contact, set at 35° · Power input: GST18i3 plug, black · Power output: GST18i3 socket, black · Incl. safety plug catch

STEP BASE 4 x earthing contact, GST18, max. 16 A / 230 V~ / 3680 W	**Length: approx. 262.5 mm**
336.604	· Light-grey plastic profile, black socket outlets · 4 x socket outlet with earthing contact, set at 35° · Power input: GST18i3 plug, black · Power output: GST18i3 socket, black · Incl. safety plug catch

Suitable mountings on page 222

Max. 16 A / 230 V~

Art. no.	Version

STEP ALU 1 x switch, 3 x earthing contact, GST18, max. 16 A / 230 V~ / 3680 W — **Length: approx. 262.5 mm**

1 x switch, controls sockets only

906.003

- Anodised aluminium profile, socket outlets black
- 1 switch, green, 2-pole, illuminated, switches sockets only (not power output)
- 3 x socket outlet with earthing contact, set at 35°
- Power input: GST18i3 plug, black
- Power output: GST18i3 socket, black
- Incl. safety plug catch

STEP ALU 1 x switch, 3 x earthing contact, GST18, max. 16 A / 230 V~ / 3680 W — **Length: approx. 262.5 mm**

1 x switch, controls power input (sockets and power output)

906.031

- Anodised aluminium profile, socket outlets black
- 1 switch, green, 2-pole, illuminated, controls power input
- 3 x socket outlet with earthing contact, set at 35°
- Power input: GST18i3 plug, black
- Power output: GST18i3 socket, black
- Incl. safety plug catch

STEP ALU, GST18, max. 16 A / 230 V~ / 3680 W — **Length: approx. 220 mm** C

1 x custom module

906.000

- 1 anodised aluminium profile 1 HU
- 3 x socket outlet with earthing contact, set at 35°
- 1 custom module cover, blank
- Power input: GST18i3 plug, black
- Power output: GST18i3 socket, black
- Incl. safety plug catch

STEP ALU, GST18, max. 16 A / 230 V~ / 3680 W — **Length: approx. 220 mm**

Overvoltage protection

336.004

- Anodised aluminium profile 1 HU
- 1 overvoltage protection unit, 6.5 kA, with function and fail indicator; mains filter 30 MHz
- Power input: GST18i3 plug, black
- Power output: GST18i3 socket, black
- Incl. safety plug catch

STEP ALU, GST18, max. 16 A / 230 V~ / 3680 W — **Length: approx. 220 mm**

Miniature circuit breaker, 16 A

336.015

- Anodised aluminium profile 1 HU
- 1 miniature circuit breaker, 16 A, 2-pole, type B
- Power input: GST18i3 plug, black
- Power output: GST18i3 socket, black
- Incl. safety plug catch

STEP ALU, GST18, max. 16 A / 230 V~ / 3680 W — **Length: approx. 220 mm**

Residual current device 16A, 10 mA

906.067

- Anodised aluminium profile, socket outlets black
- Residual current device 16A, tripping current 10 mA, response time 30 ms, 2-pole
- Power input: GST18i3 plug, black
- Power output: GST18i3 socket, black
- Incl. safety plug catch

Suitable mountings on page 222

C Custom module

Automatic switchoff

Save power automatically

GREEN

The Bachmann automatic switchoff unit allows efficient savings in power consumption without major wiring outlay when equipment is not in use. No longer is the proper shutdown of equipment left to chance; now power is conserved when consumption falls below a defined threshold. The effectiveness of this system exceeds the savings possible with master-and-slave power strips, since practically no standby current is drawn by the master device and power consumption during non-use hours is exactly zero. The automatic switchoff device thus saves some 70 euros annually in standby power.

Max. 16 A/230 V~

Art. no.	Version
STEP ALU, automatic switchoff, GST18, max. 16 A / 230 V~ / 3680 W	**Length: approx. 263 mm**
	Suitable mountings on page 222
906.005	· Anodised aluminium profile 1 HU · 1 automatic switchoff unit with adjustable threshold · Power input: GST18i3 plug, black · Power output: GST18i3 socket, black · Incl. safety plug catch

How the automatic switchoff works

1

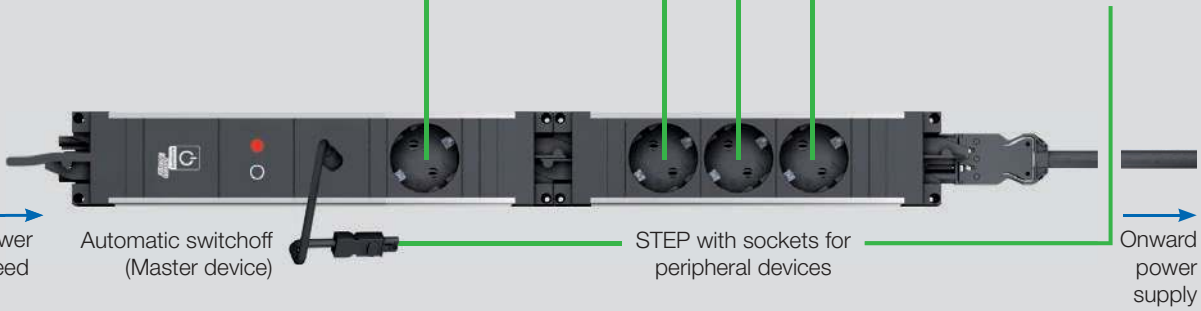
When the main device is switched off, power consumption falls below a defined threshold

2

30 seconds after the main device (1) is switched off, the sockets downstream are isolated from the supply - and no standby current is drawn.

3

Pressing the button switches the system on. (Button 917.060, see page 224)



Power infeed

Automatic switchoff (Master device)

STEP with sockets for peripheral devices

Onward power supply

Suitable mountings on page 222

Tradesman's strips: robust professional quality

· Separate earth conductor of up to 4 mm² connects directly
· Easily accessible terminal to allow other conductor lengths to be connected
· End caps with additional screw holes for mounting on different profiles (T-slot or upright)
· Outlet sockets set at 90° with 15 mm additional spacing - ideal for mains plugs with large housings
· 2.0 m cable, H05VV-F 3G 1.50 mm² with right-angle earthed plug

Art. no.	Version
Tradesman's strip, sockets set at 90°, max. 16 A / 230 V~ / 3680 W	
Without switch	
300.000	· 6 x socket outlet with earthing contact, set at 90°
300.001	· 9 x socket outlet with earthing contact, set at 90°
300.002	· 12 x socket outlet with earthing contact, set at 90°
With switch, 2-pole, green, illuminated	
300.003	· 6 x socket outlet with earthing contact, set at 90°
300.004	· 9 x socket outlet with earthing contact, set at 90°
300.005	· 12 x socket outlet with earthing contact, set at 90°

Power strip for horizontal mounting

· Combination of sockets and various custom modules (see page 224)
· Can be mounted on T-slot profiles and upright profiles of various manufacturers with the metal mounting brackets provided, but fully insulated from the socket profile (ESD-capable)
· Power infeed direct to mains input via supply cable (see page 225) or via feed modules (see from page 215)

Art. no.	Version	
Universal ALU 2 x switch, 6 x earthing contact, max. 16 A / 230 V~ / 3680 W	**Length: approx. 920 mm**	C
906.039*	· Anodised aluminium profile, > 1 HU · 1 switch, green, 2-pole, controls sockets · 3 x socket outlet with earthing contact, black, set at 35° · 5 x custom module covers, blank · 3 x socket outlet with earthing contact, black, set at 35° · 1 switch, red, 2-pole, controls power output · Power input: GST18i3 plug, black · Incl. safety plug catch	

TWIN: for workstations requiring a large number of sockets

· Compact dimensions thanks to arrangement of sockets on 2 profile tracks
· Can be mounted on T-slot profiles and upright profiles of various manufacturers with the metal mounting brackets provided, but fully insulated from the socket profile (ESD-capable)
· Strips can optionally be fitted with data or media technology modules (from page 224)
· Power infeed direct to mains input via supply cable (see page 225) or via feed modules (see from page 215)

Art. no.	Version	
Universal ALU, 10 x earthing contact, max. 16 A / 230 V~ / 3680 W	**Length: approx. 366 mm**	C
922.014*	· Anodised aluminium profile, > 1 HU · 2 x socket outlet with earthing contact, set at 35° · 2 x custom module covers, blank · Power input: 0.1 m H05VV-F 3G 1.50mm² black, with GST18i3 plug · Incl. 4 mounting brackets 940.096 (see page 222)	

*No storage type / Suitable mountings on page 222

C Custom module

Mountings
Suitable for all systems

Mountings for the FACTORY and STEP ranges of power strip onto T-slot profiles, upright profiles and tabletops.

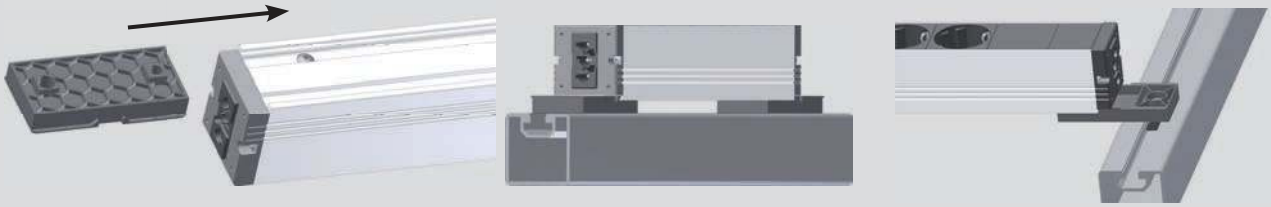
- ESD-compatible mountings
- Simple to fit, can be flexibly swapped
- Use standard M8 or M6 screws and ordinary tools

Fixing accessories for Bachmann PDUs

Art. no.	Version
Plastic bracket set for Factory, STEP and Universal power strips	**Plastic**
509.000	· Plastic bracket set: · Holes for M8 and M6 bolts · Light grey colour similar to RAL7035

Stainless steel	**mounting bracket**
940.096	· Inserts into rear of FACTORY and STEP profiles and in end cap of Universal · Ideal when using power strips with data connections (data and media cables exit from rear) · 2 items, packed in polythene

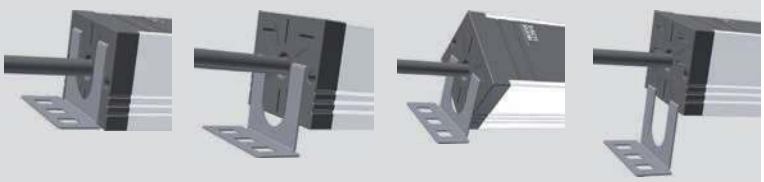
Bolts	
509.015	For 10 mm T-slot profile Contents: · 2 M6 x 16 bolts DIN 7984-8.8 · 2 U-washers for M6 (D6.4), zinc-plated · 2 T-slot nuts M6, zinc-plated



**Plastic brackets allow versatile mounting on T-slot or upright profiles.
The brackets are inserted into the profile groove on the rear of the strip.
Suitable for power strips in the FACTORY and STEP series.**

Use of bracket with STEP power strips with height 36 mm.

No ESD capability specified.



Use of bracket with UNIVERSAL power strips. The bracket simply slots into the UNIVERSAL end cap and can be fixed in various positions.

DESK 1 - versatile tabletop power strip

DESK 1 power strips as tabletop units for workstations, letting you combine power outlets with data and media technology modules

- Combine power outlets with data and media modules
- Sockets and power outlets can be switched off to save energy
- Mounts on tabletop workstations with screws or brackets (available separately)
- Strips can optionally be fitted with data or media technology modules (see from page 224)
- Power infeed direct to mains input via supply cable (see page 225) or via feed modules (see from page 215)

Rear

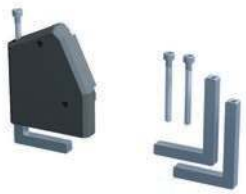
Max. 16 A / 230 V~

Art. no.	Version
DESK 1 x switch, 3 x earthing contact, max. 16 A / 230 V~ / 3680 W	**Length: approx. 268 mm**
339.1001	· Anodised aluminium profile, socket outlets black · 1 x switch, green, 2-pole, illuminated, controls sockets · 3 x socket outlet with earthing contact, set at 35° · Power input: 3.0 m H05VV-F 3G 1.50mm² black, with right-angle earthed plug · incl. standard brackets

DESK 1 x switch, 3 x earthing contact, GST18, max. 16 A / 230 V~ / 3680 W	**Length: approx. 368 mm** C
1 x custom module	
902.017	· Anodised aluminium profile, socket outlets black · 1 x switch, green, 2-pole, illuminated, controls sockets and power outlet · 3 x socket outlet with earthing contact, set at 35° · 1 custom module cover, blank · Power input: GST18i3 plug, black · Power output: GST18i3 socket, black · Does not include brackets (available separately)

DESK 1 x switch, 3 x earthing contact, GST18, max. 16 A / 230 V~ / 3680 W	**Length: approx. 409 mm** C
2 x custom module	
902.018	· Anodised aluminium profile, socket outlets black · 1 switch, green, 2-pole, illuminated, controls sockets and power output · 3 x socket outlet with earthing contact, set at 35° · 2 custom module covers, blank · Power input: GST18i3 plug, black · Power output: GST18i3 socket, black · Brackets not included (available separately)

DESK standard brackets	**for tabletop thicknesses up to 50 mm**
930.120	Anodised aluminium, thickness approx. 9 mm Contents: · 2 support brackets, anodised aluminium · 2 M5 x 60 mm Allen bolts



DESK end cap screws	**for tabletop thicknesses over 15 mm**
930.183	· 2 x Spax screw, 5 x 90 mm incl. brass threaded sleeve

C Custom module

Custom modules
for networks, media and programming

Bachmann custom modules are the central building blocks for network, media or programming connections, and fit easily and flexibly into power strip units with custom module covers.

C

- Flexibly interchangeable modules
- Simple to connect using socket/socket versions and connecting cables
- Can be purchased as a kit
- Can be fitted or replaced later
  (Warranty is not affected by fitting/replacement since each frame is insulated separately)
- Screws and frames are designed for approx. 10 bolting cycles
- Bolts = Torx T6

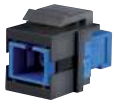
For other versions see page 142 onwards

Art. no.

Module 2 x keystone
917.000
- Module, black, accepts 2 data sockets with keystone mounting system

Module 1 x keystone
917.001
- Module, black, accepts 1 data socket with keystone mounting system

OWG-LC duplex keystone
918.071
- OWG-LC duplex coupler
- Keystone fixing
- Suitable for modules 917.000 and 917.001



OWG-SC keystone
918.072
- OWG-SC coupler
- Keystone fixing
- Suitable for modules 917.000 and 917.001

PS2 mouse + keyboard
917.031
- Front: PS2 MiniDIN sockets (mint green for mouse and lilac for keyboard)
- Rear: PS2 MiniDIN sockets (mint green for mouse and lilac for keyboard)

Button for automatic switchoff
917.060
- Front: button, black for automatic switchoff
- Rear: 1.0 m H05VV-F 2 x 0.75mm² black with Wieland GST 15i2 plug connection
- Use in any socket unit with custom modules

Art. no.

CAT6 coupling socket/socket
940.044
- Type: BTR E-DAT
- Front: RJ45 (keystone fixing)
- Rear: RJ45 (E-DAT mounting)
- Shielded
- Suitable for modules 917.000 and 917.001

CAT5e coupling socket/socket
940.057
- Front: RJ45 (keystone fixing)
- Rear: RJ45 (keystone fixing)
- Shielded
- Suitable for modules 917.000 and 917.001

ISDN RJ12 socket/socket
940.085
- Front: RJ12 (keystone fixing)
- Rear: RJ12 (keystone fixing)
- Unshielded
- Suitable for modules 917.000 and 917.001

CAT6a 10GB patch cable plug/socket 3.0 m
918.033
- Front: Socket RJ45 CAT6a TKM 10GB
- Cable, black, with RJ45 plug
- Shielded
- Suitable for modules 917.000 and 917.001

BNC RGB
917.090
- Front + rear: BNC RGB socket

RS232
917.012
- Front + rear: 9-pole RS232 socket

27.63

Supply cables and distributors

wieland

For supplying or linking multiple power strips we offer cables featuring the Wieland GST18 connectors that are used worldwide.

- Prefabricated cables in various lengths
- Plug connectors conforming to world standards, contact-protected
- With mandatory latching to power strips
- Connect to power strips without tools
- Can subsequently be removed
- Power input can be earthed via the separate earthing connection on device supply cables 375.115 – 375.117

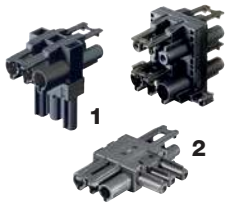
Art. no.	Length	Version
Device supply cable, GST18/earthing contact		
With extra earth connection		
375.115	2.0 m	· Cable: H05VV-F 3G 1.50 mm²
375.116	3.0 m	· End 1: Right angle plug with earthing contact
375.117	5.0 m	· End 2: Wieland GST18i3 socket with 0.3 m 2.5 mm² green/yellow
		· with M6 ring termination

Device supply cable, GST18/earthing contact		
375.000	1.5 m	· Cable: H05VV-F 3G 1.50 mm²
375.075	2.0 m	· End 1: Right angle plug with earthing contact
375.003	3.0 m	· End 2: Wieland GST18i3 socket
375.005	4.0 m	
375.007	5.0 m	
375.039	10.0 m	

Device extension cable, GST18/GST18		
375.050	0.3 m	· Cable: H05VV-F 3G 1.50 mm²
375.053	1.0 m	· End 1: Wieland GST18i3 plug
375.038	2.0 m	· End 2: Wieland GST18i3 socket
375.055	3.0 m	

Tapping cable, GST18/earthing contact coupling		
Extends length from - to		
375.097	0.5 - 2.5 m	· Spiral device extension cable
375.098	1.0 - 5.0 m	· Cable: H07BQ-F 3G 1.50mm² orange
		· End 1: Wieland GST18i3 plug
		· End 2: Earth contact coupling, black

Multipliers		
For power distribution		
375.101	1 x input, 2 x output (1)	· Input: 3-pole plug
375.102	1 x input, 2 x output (2)	· Output: 3-pole socket
375.105	1 x input, 2 x output (3)	
Through-wired for 3-phase power, 5 and 3-pole		
375.106	1 x input, 1+6 x output	· Input: 1 x 5-pole plug
		· Output: 1 x 5-pole socket
		· 6 x 3-pole socket per outer cable



Coupler		
No interlock		
375.500	GST input/GST outlet	· For simple connecting of e.g. 2 Factory power strips

FACTORY LIGHT

Good light for assembly workstations

Good lighting facilitates productivity and well-being. To meet the particular lighting requirements of assembly workstations, our collaboration with Siteco has developed highly specific lamp systems. These lamp types, for mounting horizontally above the work area or vertically on an upright profile, create bright light over a wide area of the workstation. Depending on specific requirements the lamps may be used singly or in combination.
The outrigger lamp, for fitting to a vertical upright profile (770.000) can also be rotated and swivelled, allowing adjustment of the beam angle to the specific needs of the employees and the task. It offers the best conditions for absolutely glare-free light, facilitating efficient work and low fatigue levels. Both models use fluorescent light sources, anodised louvres and electronic ballast units to offer maximum effectiveness and maximum energy savings.

Outrigger

Art. no.	Version
SITECO assembly area outrigger lamp	**Length: 610 mm, width: 125 mm**
770.000*	· Lamp in aluminium profile similar to RAL9006, matt · Incl. 1 x TC-L 36W / 840 light source · Electronic ballast to minimise power loss · Aluminium specular louvre, satin anodised, for high lighting comfort and high efficiency · Mounts on vertical profile frames · Outrigger arm turns through 360° and swivels through 180°, so can be set up individually · Can be mounted without opening lamp · GST 18/3 power input
SITECO assembly area horizontal mounting lamp	**Length: 899 mm, width 87 mm (incl. fixing bracket 126 mm)**
770.001	· Lamp in aluminium profile similar to RAL9006, matt · Incl. 1 x T16 39W / 840 light source · Electronic ballast to minimise power loss · Aluminium specular louvre, satin anodised, for high lighting comfort and high efficiency · CRF (contrast rendering factor) louvre to avoid reflected glare · Mounts on horizontal roof section · Can be mounted without opening lamp · GST 18/3 power input + power output with 3-pole through wiring

Note
These lamps should be operated via BACHMANN FACTORY power strips with switched power outlets (see pages 212) or any other external switch.
They have no built-in switch of their own.

Eulumdat data is available on request.

* No storage type

FACTORY SPOTLIGHT

Light exactly where you need it

There are certain situations in which a particularly high brightness of light on the workpiece is essential. The LED flexible arm lamp (770.002) allows you to match the light intensity and angle of illumination quickly and flexibly to any work situation. The high-quality flexible tube allows quick and precise positioning of the lamp head. Thanks to the use of LEDs this remains considerably cooler than a 20 W halogen lamp, yet is brighter than a 35 W halogen lamp. Where there is a particular need for illumination of a specific area, our LED flexible arm lamp forms the ideal complement to wide-area workplace illumination (see FACTORY LIGHT 770.000 + 770.001).

Art. no.	Version
Flexible-arm LED lamp for assembly areas	
770.002	· High-performance lamp head with 3 x 3 W POWER LED, cool white, 30° beam angle · Up to 60 000 operating hours (designed for continuous use) · Illuminance 5000 lux at distance of 0.5 m · Luminous flux 600 lumens · Lamp head IP 64 protected (against dust and splashwater) · Special mounting bracket for fitting to T-slot profiles · of various manufacturers · External LED operating unit (IP 20) with GST 18/3 power connection · Flexible arm length 500 mm, lamp head diameter 75 mm · Operating voltage 230V AC

Cost comparison of LED lamp with conventional lighting

Type	LED lamp	Incandescent lamp	Halogen lamp
Acquisition costs of lamp in €	360.00	150.00	250.00
Cost of illuminant, each, in €	–	1.50	4.00
Lifetime of illuminant, hours	60 000	approx. 1000	approx. 2000
Power consumption	9 W	60 W	20 W
Illuminant costs after 60 000 operating hours, in €	–	90.00	120.00
Energy consumption after 60 000 operating hours, in kWh	540	3600	1200
Costs (approx. €0.20/kWh)	108.00	720.00	240.00
Total costs after 60 000 operating hours in €	468.00	960.00	610.00

Calculated for 60 000 operating hours

Electrical materials

Socket outlets

BluNet
Efficient Power Management

NEW WiFi / radio multiple-socket outlets 232

Energy saving 240

PRIMO 242

DUO 248

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World of opportunities

Function modules can be integrated ex factory

Overvoltage protection

These days the failure of electrical and electronic equipment is a real nightmare scenario. Protection against excess electric voltage is more important than ever for electrical and electronic equipment. "24/7 availability" is now essential for many users. Don't worry: the Bachmann strip with built-in overvoltage protection is 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.

Automatic switchoff

The automatic switch-off unit allows efficient savings in power consumption by modern-day office equipment during non-working hours. Switching equipment off completely is no longer left to chance: power saving now begins as soon as the workstation PC is shut down. The effectiveness of this system exceeds the savings possible with master-and-slave multiple-socket outlets, since virtually no standby current is drawn by the master device and total power consumption during on-working hours is zero.

USB charger

The USB charger component has 2 ports with max. 2.15 A.
Integrated in Bachmann products, the ability to charge mobile devices using the universal USB charger is very convenient and the integrated mains adaptor frees up socket outlets too.

Residual current circuit breaker / miniature circuit breaker

The residual current circuit breaker / miniature circuit breaker integrated in a Bachmann strip gives you peace of mind. The user can select between the two circuit breakers. But they can of course be combined too.

868 MHz radio modules

The radio modules allow socket outlets to be remotely switched by hand. Great attention is paid to the radio range, radio penetration and switching reliability. The flexibility and convenience of our radio 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).

WiFi module

The new BlueNet WiFi module provides three separate switching and measuring groups for extended power metering and temperature measuring, the switching of individual socket outlets and complete power strips. The management interface is integrated in the web server and is operated via the web browser in the network or with Dynamic DNS via the Internet.
The BlueNet WiFi app is available for mobile end devices. Switching can be performed both manually and automatically using load, temperature or time thresholds which can be set individually.

Bachmann products provide solutions that are as individual as life itself.

NEW

BlueNet WiFi products

Comfort and energy-aware lifestyle thanks to automatic control of electrical consumers

BlueNet
Efficient Power Management

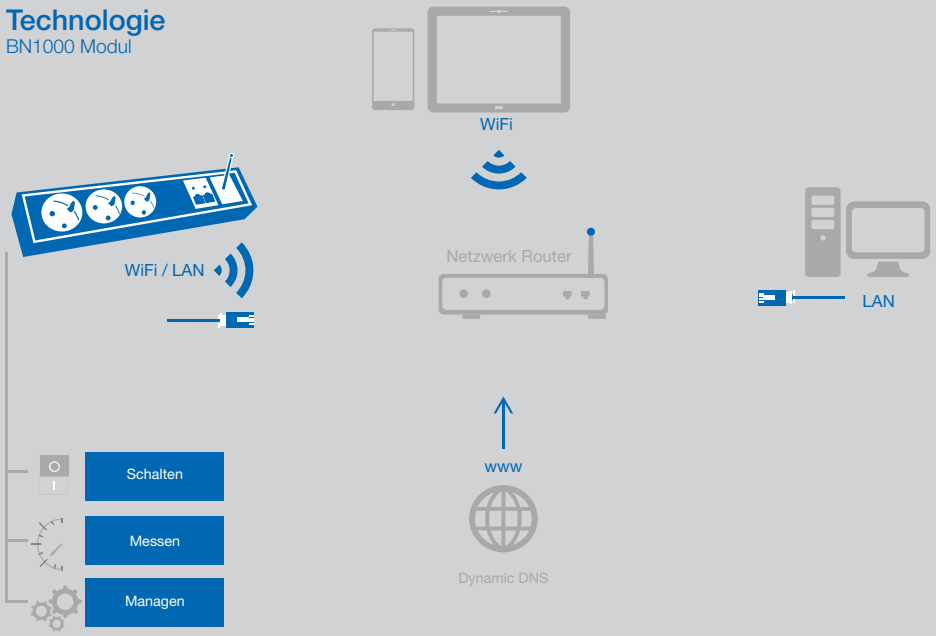
SAFETY
Through simulation of presence and e-mail notifications or automatic cut-off. For example, in the event of overload or underload or a preset temperature.

SAFETY AND COST CONTROL
Control and monitor office consumers with BlueNet WiFi underfloor systems, also available as a retrofit solution that is easy to integrate.

SAFETY AND AVAILABILITY
The low-cost complete solution for server rooms or smaller IT infrastructures for metering, switching and managing.

COST CONTROL, RESOURCE PLANNING AND LOAD MANAGEMENT
with the BlueNet WiFi module

BlueNet WiFi module



NEW

BlueNet WiFi module

The complete solution for small and mid-sized IT applications

BlueNet
Efficient Power Management

The new BlueNet WiFi module now provides three separate switching and measuring groups for extended power metering and temperature measuring, the switching of individual socket outlets and complete power strips. The management interface is integrated in the web server and is operated via the web browser in the network or with Dynamic DNS via the Internet.

The BlueNet WiFi App is available for mobile personal devices. The maximum switching capacity is a full 16 A per switching group. Switching can be performed both manually and automatically using load, temperature or time thresholds which can be set individually. The BlueNet WiFi module can be integrated in virtually all Bachmann products. External temperature sensors are available as accessories in lengths of 3 m, 10 m and 20 m. An external RP-SMA antenna connection is provided for all Bachmann's BlueNet WiFi products. External WiFi antennas are also available as accessories.

Thanks to its compact design, the BlueNet WiFi module can be integrated in the modular Bachmann system and combined with connector systems, basic products and other components.

The benefits at a glance

- 3 switching groups of 16 A each
- Temperature measurement and power metering
- Load management and cost control
- Management via web interface and mobile app
- Remote online access via Dynamic DNS
- WiFi (802.11 b/g/n) and Ethernet connectivity

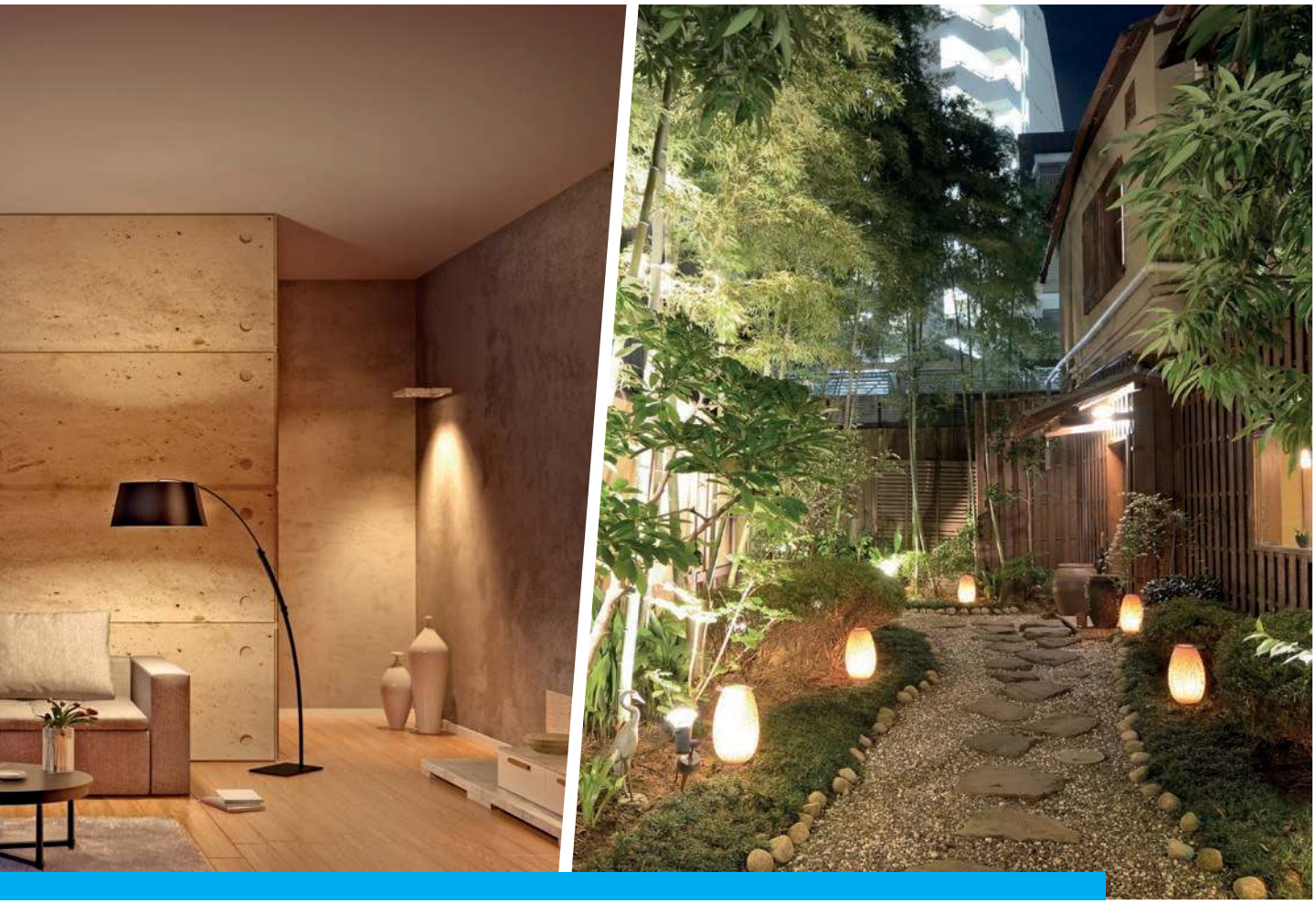
App for smartphones or tablet PCs

The app is available from the Play Store (for Android) or the App Store (for iOS) by searching for BlueNet WiFi. The present temperature, current switching statuses and current power metering data are displayed. The socket outlets can be switched on and off. If a Dynamic DNS address is entered, this entire functional scope can be accessed remotely via 3G or 4G.

BlueNet

Art. no.	Version
Tradesman's strip with BlueNet WiFi module	
2.0 m H05VV-F 3G 1.5 mm², black, with right angle plug with earthing contact, without switch	
820.004	· 3 x socket outlet with earthing contact, can be switched individually · BlueNet WiFi module
820.053	· 3 x socket outlet with earthing contact, can be switched individually · 1 x socket outlet with earthing contact, continuous voltage · BlueNet WiFi module
820.005	· 6 x socket outlet with earthing contact, can be switched in groups of 2 · BlueNet WiFi module
820.006	· 6 x socket outlet with earthing contact, can be switched in groups of 2 · Overvoltage protection + mains and frequency filters · BlueNet WiFi module
820.007	· 6 x socket outlet with earthing contact, can be switched in groups of 2 · 2 x socket outlet with earthing contact, continuous voltage · BlueNet WiFi module

CONNECT LINE with BlueNet WiFi module	
2.0 m H05VV-F 3G 1.5 mm², black, with right angle plug with earthing contact, without switch	
820.012	· 3 x socket outlet with earthing contact, can be switched individually · BlueNet WiFi module
820.054	· 3 x socket outlet with earthing contact, can be switched individually · 1 x socket outlet with earthing contact, continuous voltage · BlueNet WiFi module
820.013	· 6 x socket outlet with earthing contact, can be switched in groups of 2 · BlueNet WiFi module
820.014	· 6 x socket outlet with earthing contact, can be switched in groups of 2 · Overvoltage protection + mains and frequency filters · BlueNet WiFi module
820.015	· 6 x socket outlet with earthing contact, can be switched in groups of 2 · 2 x socket outlet with earthing contact, continuous voltage · Overvoltage protection + mains and frequency filters · BlueNet WiFi module



NEW

Radio systems

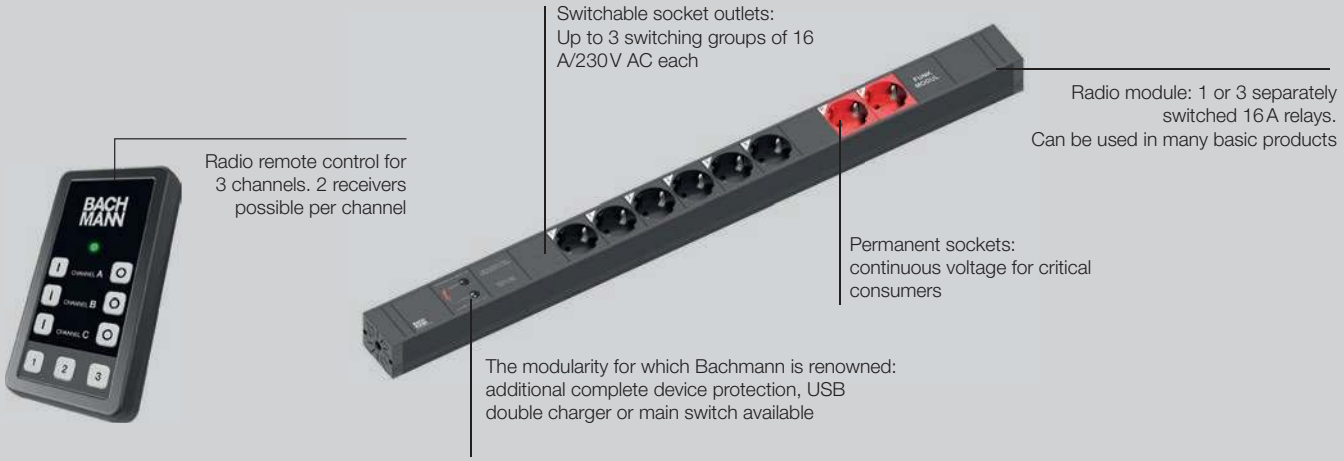
Comfort and energy-aware lifestyle thanks to automatic control of electrical consumers

COMFORTABLE AND RELIABLE SWITCHING
of electrical consumers, even in hard-to-reach places

CONVENIENT AND COMFORTABLE REMOTE
switching of entertainment electronics. Permanent sockets for important consumers

HIGH RADIO PENETRATION AND RANGE
for warehouses, manufacturing plants and workshops

LARGE RANGE AND FLEXIBLE GROUP SWITCHING
simplify any remotely-switched outdoor lighting scenario



NEW

868 MHz radio modules

Remote switching with remote control

The radio modules, based on a proprietary 868 MHz ISM band radio standard, allow socket outlets to be manually remote-controlled. The optimised module size enables the radio module to be used with almost every Bachmann product. Particular attention has been given to radio range, penetration and switching reliability.

Easy to use – highly flexible

Our remote control system can be taught on the radio modules with a simple method that does not require buttons or hardware coding. Three switching groups are available on the remote control, each of which can be assigned to two radio modules, offering a wide range of possible switching scenarios. The flexibility and convenience of our radio 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).

The benefits at a glance

- Easy setup and operation
- Good radio penetration and reliability
- Flexible use
- Radio range min. 50 m outdoors

Art. no.	Version
Accessories for radio remote control modules	
Remote control for switching radio modules, compatible with standard and SART modules	
821.017	· 3 groups with 2 buttons each (ON/OFF) · Status LED · 3 buttons for pairing · Sturdy design · Operate with 2 x micro AAA battery

Art. no.	Version
Tradesman's strip with 868 MHz radio module	
2.0 m H05VV-F 3G 1.5 mm², black, with right angle plug with earthing contact, without switch	
821.000	· 3 x socket outlet with earthing contact, can be switched jointly · Radio module with one switching group
821.001	· 6 x socket outlet with earthing contact, can be switched jointly · Radio module with one switching group
821.002	· 6 x socket outlet with earthing contact, can be switched jointly · Overvoltage protection + mains and frequency filters · Radio module with one switching group
821.003	· 6 x socket outlet with earthing contact, can be switched in groups of 2 · 2 x socket outlet with earthing contact, continuous voltage · Overvoltage protection + mains and frequency filters · Radio module with 3 switching groups
821.032	· 3 x socket outlet with earthing contact, can be switched jointly · Radio module with one switching group · 1 x socket outlet with earthing contact, continuous voltage
821.033	· 3 x socket outlet with earthing contact, can be switched individually · Radio module with 3 switching groups · 1 x socket outlet with earthing contact, continuous voltage

Art. no.	Version
Connect Line with 868 MHz radio module	
2.0 m H05VV-F 3G 1.5 mm², black, with right angle plug with earthing contact, without switch	
821.008	· 3 x socket outlet with earthing contact, can be switched jointly · Radio module with one switching group
821.009	· 6 x socket outlet with earthing contact, can be switched jointly · Radio module with one switching group
821.010	· 6 x socket outlet with earthing contact, can be switched jointly · Overvoltage protection + mains and frequency filters · Radio module with one switching group
821.011	· 6 x socket outlet with earthing contact, can be switched in groups of 2 · 2 x socket outlet with earthing contact, continuous voltage · Overvoltage protection + mains and frequency filters · Radio module with 3 switching groups
821.030	· 3 x socket outlet with earthing contact, can be switched jointly · Radio module with one switching group · 1 x socket outlet with earthing contact, continuous voltage
821.031	· 3 x socket outlet with earthing contact, can be switched individually · Radio module with 3 switching groups · 1 x socket outlet with earthing contact, continuous voltage

Automatic switchoff

Switch off and save power

The Bachmann automatic switchoff unit allows efficient savings in power consumption by modern-day office equipment during non-working hours without a major outlay on wiring.
Switching equipment off completely is no longer left to chance: power saving now begins as soon as the workstation PC is shut down.
The effectiveness of this system exceeds the savings possible with master-and-slave multiple-socket outlets, since**no standby current is drawn by the master device** and total power consumption during on-working hours is exactly zero.

The benefits at a glance

- Complete interrupt
- No standby current is drawn by the master device
- No electricity - no fire risk
- Potential saving of up to €70 per year and workstation
- Improvement to carbon footprint

Automatic switchoff GREEN

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

· 30 seconds after switch-off/shutdown of the device plugged into the master socket, automatically cuts off power to all devices plugged into the slave sockets (e.g. PC, TV).
· Power can be restored simply by pressing the button.
· Optional remote-controlled relay (can be simply mounted on the desk/table top)
· Energy saving per workstation (with PC, monitor and printer)
up to 200 kWh/year

~ €40 per year per workstation

Master & slave GREEN

Master and slave p. 227

Energy can also be automatically saved using a master and slave power strip. When the device plugged into the master socket is switched off or on, this and all the devices connected to the slave sockets (e.g. PC, TV) are automatically switched off or on accordingly.
A particularly convenient feature is that the master-and-slave electronics is also suitable for master appliances with remote control.

· Once master device is shut down/switched off, automatically isolates this and all slave devices from supply
· Automatically switches on master device and all slave devices once master device has been switched on
· Integral LED indicates switching status
· Energy saving per workstation (with PC, monitor and printer)
up to 150 kWh/year

~ €25 per year

Timer switch GREEN

Timer switches p. 292

Numerous appliances both at home and at work can be used significantly more efficiently with a simple-to-operate timer switch. The timer switch never forgets, and so the user need not be concerned with switching on and off.

· Switches connected devices on and off automatically
in the timeframe selected

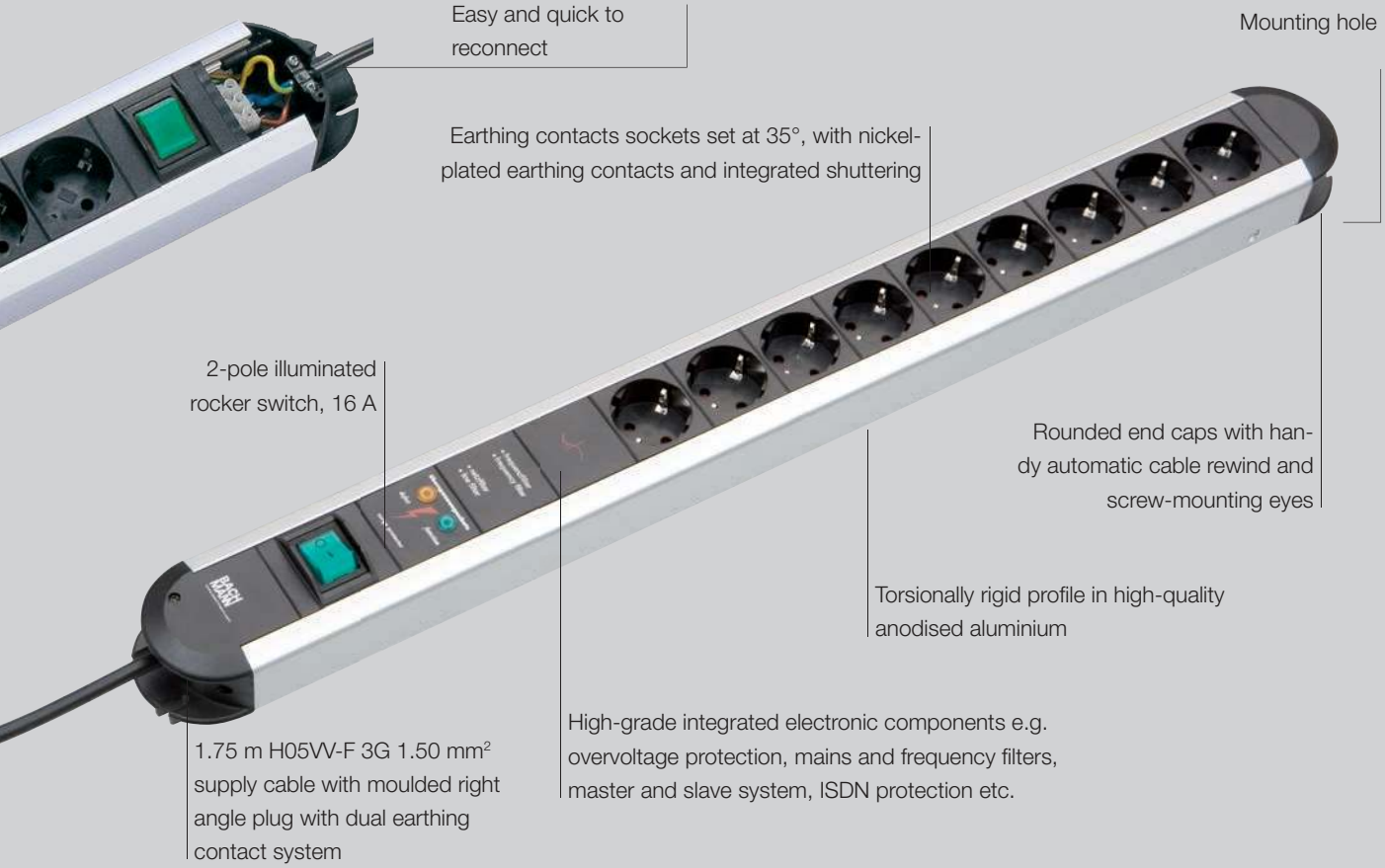
Energy measuring instrument GREEN

Energy measurement instruments p. 291

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

· For monitoring energy consumption and advance energy cost calculation for the devices connected
· With plug adaptor for mobile use with different consumers

These figures do not refer to the product shown specifically and are not a part of the product offer but are provided solely for purposes of comparison.



PRIMO

Power strips for professionals

The benefits at a glance

- Tested components
- Halogen and PVC-free socket recesses
- Variants with:
  overvoltage protection conforming to DIN VDE 0620-1:01-2002, EN 61643-11:08-2007, type 3
  mains and frequency filters to VDE 0565-3:05-2006 for voltage peaks up to 30 MHz
  USB charger with 2.150mA charging current

Max. 16 A / 3680 W

· 1.75 m supply cable: H05VV-F 3G 1.50 mm², socket inserts black, with moulded right angle plug with earthing contact

Art. no.	Version	Dimensions: (L x W x H)
PRIMO		
Without switch		
331.000	· 3 x socket outlet with earthing contact. black	approx. 304 x 71 x 46 mm
331.010	· 6 x socket outlet with earthing contact. black	approx. 431 x 71 x 46 mm
331.011	· 9 x socket outlet with earthing contact. black	approx. 560 x 71 x 46 mm
331.012	· 12 x socket outlet with earthing contact. black	approx. 690 x 71 x 46 mm

PRIMO		
1 x switch, green		
330.070	· 3 socket outlets with earthing contact, black	approx. 304 x 71 x 54 mm
330.071	· 6 socket outlets with earthing contact, black	approx. 431 x 71 x 54 mm
330.072	· 9 socket outlets with earthing contact, black	approx. 560 x 71 x 54 mm
330.073	· 12 socket outlets with earthing contact, black	approx. 690 x 71 x 54 mm

PRIMO, 6 x earthing contact		
1 x overvoltage protection, without switch		
331.014	· 6 x socket outlet with earthing contact · Overvoltage and transient protection · Discharge current 6.5 kA	approx. 474 x 71 x 47 mm

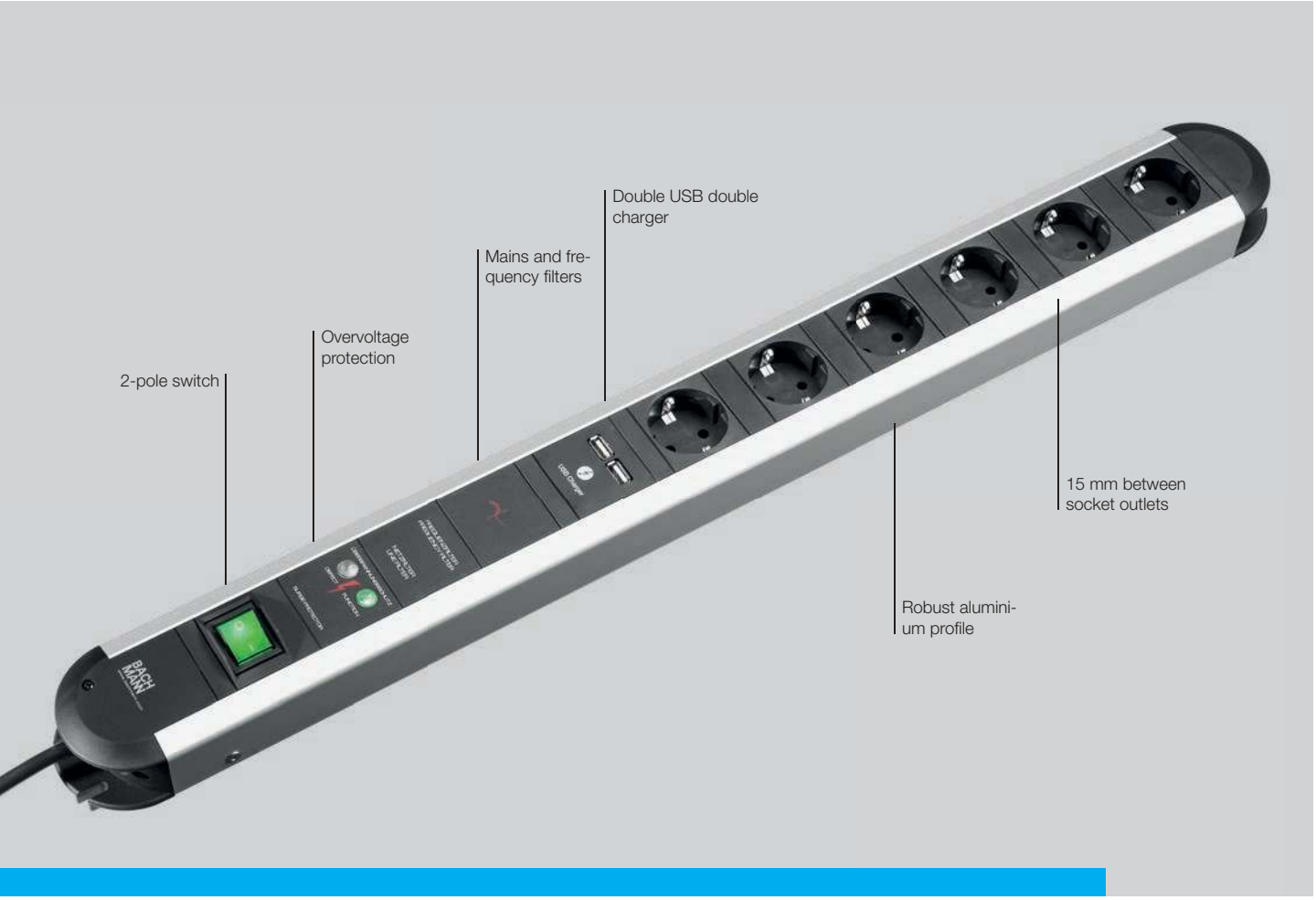
PRIMO, 6 x earthing contact		
1 x overvoltage protection, 1 x switch, green		
331.013	· 6 x socket outlet with earthing contact · Overvoltage and transient protection · Discharge current 6.5 kA · Switch, green	approx. 474 x 71 x 54 mm

PRIMO		
1 x overvoltage protection + mains and frequency filters, without switch		
Overvoltage protection + mains and frequency filters		
331.006	· 6 x socket outlet with earthing contact	approx. 515 x 71 x 47 mm
331.007	· 9 x socket outlet with earthing contact	approx. 645 x 71 x 47 mm

PRIMO		
1 x overvoltage protection + mains and frequency filters, 1 x switch, green		
Overvoltage protection + mains and frequency filters Switch, green		
331.071	· 6 x socket outlet with earthing contact	approx. 560 x 71 x 54 mm
331.072	· 9 x socket outlet with earthing contact	approx. 690 x 71 x 54 mm

Overvoltage protection with filter

Overvoltage protection - conforms to DIN VDE 0620-1:01-2002, EN 61643-11:08-2007, type 3, discharge current 6.5 kA, response time < 25 nS. Suitable for 16 A (miniature fuse on request) with varistors, temperature fuse, gas discharge arrester, visual LED function and failure indicator (acoustic signalling also available on request).
Mains and frequency filters - conforming to VDE 0565-3:05-2006 for voltage peaks up to 30 MHz, damping diagram on data sheet.



Art. no.	Version
PRIMO power strip, complete device protection	**Length approx. 690 mm**
Overvoltage protection, mains and frequency filters, USB double charger	
331.055	· Overvoltage protection · Mains and frequency filters with function display and fail indicator · USB double charger 4.75 V-5.25 V; max 2 A · 6 x socket outlet with earthing contact, set at 90°, black · 15 mm spacing between socket outlets · Can be rewired · 1.75 m supply cable H05VV-F 3G 1.5 mm² · With moulded right angle plug with earthing contact, black

The benefits at a glance

- Overvoltage protection conforming to DIN VDE 0620-1:01-2002, EN 61643-11:08-2007, type 3
- Mains and frequency filters to VDE 0565-3:05-2006 for voltage peaks up to 30 MHz
- 2.150 mA charging current
- For smartphones, tablet PCs, digital cameras etc.
- Permanently installed, so no separate power supply units required
- Convenient charging
- 6 x socket outlet with earthing contact, set at 90°
- 15 mm between socket outlets

Max. 16 A / 3680 W

· 1.75 m supply cable: H05VV-F 3G 1.50 mm² with moulded right angle plug with earthing contact

Art. no.	Version	Dimensions: (L x W x H)
PRIMO, 6 x earthing contact		
1 x overvoltage protection + mains and frequency filters, 1 x ISDN protection, 1 x green switch		
331.074*	· 6 x socket outlet with earthing contact · Overvoltage protection + mains and frequency filters · ISDN overvoltage protection for · 1 x ISDN input , 3 x ISDN output	approx. 645 x 71 x 54 mm

PRIMO, 1 + 6 x earthing contact E		
Master & slave		
332.071	· 1 + 6 x socket outlet with earthing contact · Adjustable threshold value	approx. 573 x 71 x 47 mm

PRIMO, 1 + 6 x earthing contact E		
Master & slave, with overvoltage protection + mains and frequency filters		
333.071	· 1 + 6 x socket outlet with earthing contact · Adjustable threshold value · Overvoltage protection + mains and frequency filters	approx. 695 x 71 x 47 mm

PRIMO Alu with USB double charger U		
8 x socket outlet with earthing contact		
331.154	· Socket inserts set at 35° · Double USB charging port with 2150 mA · Switch, green · 1.75m H05VV-F 3G1.5 mm2 supply cable, black · With right-angled earthing contact plug	approx. 560 x 71 x 54 mm

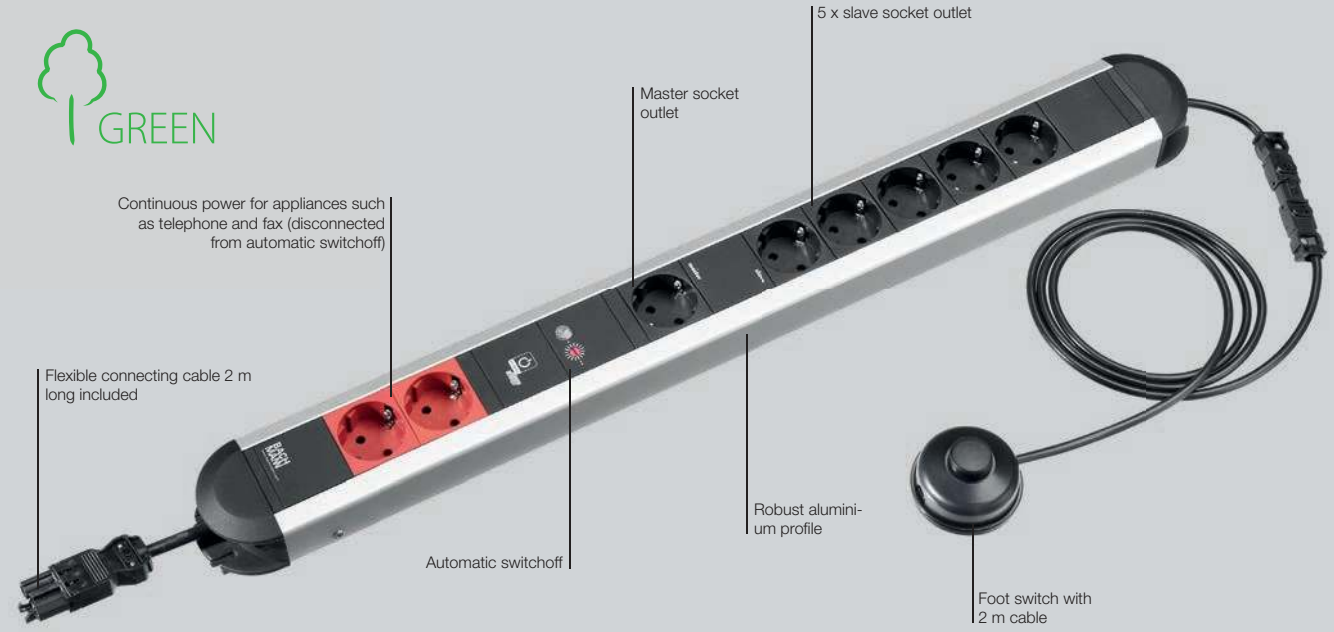
PRIMO, 5 x earthing contact		
85 mm socket outlet spacing, without switch		
Ideal for mains adaptor plugs		
331.032	· 5 x socket outlet with earthing contact. black	approx. 515 x 71 x 46 mm

PRIMO, 6 x earthing contact		
IT red, without switch		
331.040	· 6 x red socket outlet with earthing contact for IT circuits	approx. 390 x 71 x 46 mm

PRIMO, 6 x earthing contact		
Residual current device		
331.035	· 6 x socket outlet with earthing contact · 30 mA residual current device · Tripping time < 30 mS · 2-pole	approx. 516 x 71 x 83 mm

Overvoltage protection with filter: Overvoltage protection - conforms to DIN VDE 0620-1:01-2002, EN 61643-11:08-2007, type 3, discharge current 6.5 kA, response time < 25 nS. Suitable for 16 A (miniature fuse on request) with varistors, temperature fuse, gas discharge arrester, visual LED function and failure indicator (acoustic signalling also available on request). Mains and frequency filters - conforming to VDE 0565-3:05-2006 for voltage peaks up to 30 MHz, damping diagram on data sheet.

U USB double charger for mobile devices E Energy-efficient * No storage type



Ideal for office applications with Wieland supply cable

Art. no.	Version
PRIMO power strip with automatic switchoff	**Length approx. 670 mm**
1 x master, 5 x slave, 2 x continuous operation (red)	
331.089	· 2 x socket outlet with earthing contact, set at 35° red · 1 x socket outlet with earthing contact, set at 35°, black master · 5 x socket outlet with earthing contact, set at 35°, black slave · 1 x 0.1m H05VV-F 3G 1.5mm² with GST18i3 plug · 2 m supply cable H05VV-F 3G 1.5mm² supplied with right-angled earthing contact plug · 1 x 0.1m H05VV-F 2G 0.75 mm² black with GST15/2 plug · Foot switch with 2 m supply cable H05VV-F 2 G 0.75 mm²

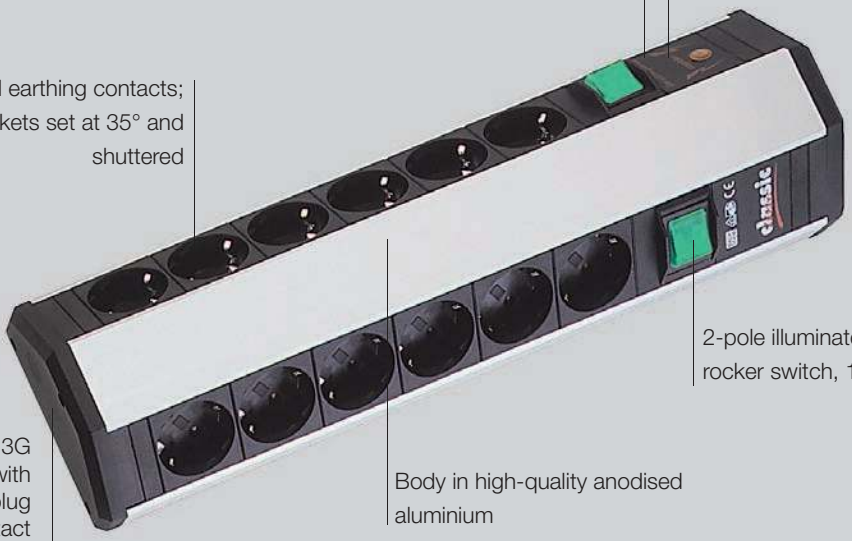
The benefits at a glance

· No standby current is drawn by the master device
· No power consumption during on-working hours.
30 seconds after the device connected to the master socket is shut down/switched off, it automatically isolates this and all the devices connected to slave sockets (e.g. PC, TV etc.) from the supply.
The two red socket outlets are disconnected from the automatic switchoff in order to keep the power supply for the connected devices (e.g. IP phone, fax, hard disk recorder) continuously in operation.
· Power can be restored simply by pressing the button.
· Wieland connection system GST18 makes the length of the connecting cable flexible

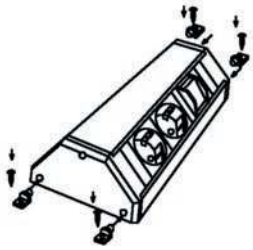
PRIMO	Country code	Socket outlets	Switch	Overvoltage protection	Overvoltage protection for ISDN	Mains and frequency filters	Master&slave	30mA residual current device	Can be rewired	Shuttered	Length in mm		Automatic switchoff	USB double charger
331.000	DE	3	-	-	-	-	-	-	yes	yes	304			
330.070	DE	3	yes	-	-	-	-	-	yes	yes	304			
331.032	DE	5	85 mm between socket outlets						yes	yes	515			
331.010	DE	6	-	-	-	-	-	-	yes	yes	431			
331.040	DE	6	-	-	-	-	-	-	yes	yes	390			
331.035	DE	6	-	-	-	-	-	yes	yes	yes	516			
330.071	DE	6	yes	-	-	-	-	-	yes	yes	431			
331.014	DE	6	-	yes	-	-	-	-	yes	yes	474			
331.013	DE	6	yes	yes	-	-	-	-	yes	yes	474			
331.006	DE	6	-	yes	-	yes	-	-	yes	yes	515			
331.071	DE	6	yes	yes	-	yes	-	-	yes	yes	560			
331.074*	DE	6	yes	yes	yes	yes	-	-	yes	yes	645			
332.071	DE	1+6	-	-	-	-	yes	-	yes	yes	573			
333.071	DE	1+6	-	yes	-	yes	yes	-	yes	yes	695			
331.154	DE	8	yes	-	-	-	-	-	yes	yes	560			
331.011	DE	9	-	-	-	-	-	-	yes	yes	560			
330.072	DE	9	yes	-	-	-	-	-	yes	yes	560			
331.007	DE	9	-	yes	-	yes	-	-	yes	yes	645			
331.072	DE	9	yes	yes	-	yes	-	-	yes	yes	690			
331.012	DE	12	-	-	-	-	-	-	yes	yes	690			
330.073	DE	12	yes	-	-	-	-	-	yes	yes	690			
331.089	DE	8	-	-	-	-	yes	-	yes	yes	670		yes	-
331.055	DE	6	yes	yes	-	yes	-	-	yes	yes	690		-	yes

Overvoltage protection with filter: Overvoltage protection - conforms to DIN VDE 0620-1:01-2002, EN 61643-11:08-2007, type 3, discharge current 6.5 kA, response time < 25 nS. Suitable for 16A (miniature fuse on request) with varistors, temperature fuse, gas discharge arrester, visual LED function and failure indicator (acoustic signalling also available on request). Mains and frequency filters - conforming to VDE 0565-3:05-2006 for voltage peaks up to 30 MHz, damping diagram on data sheet.

* No storage type



DUO
High-grade power strip



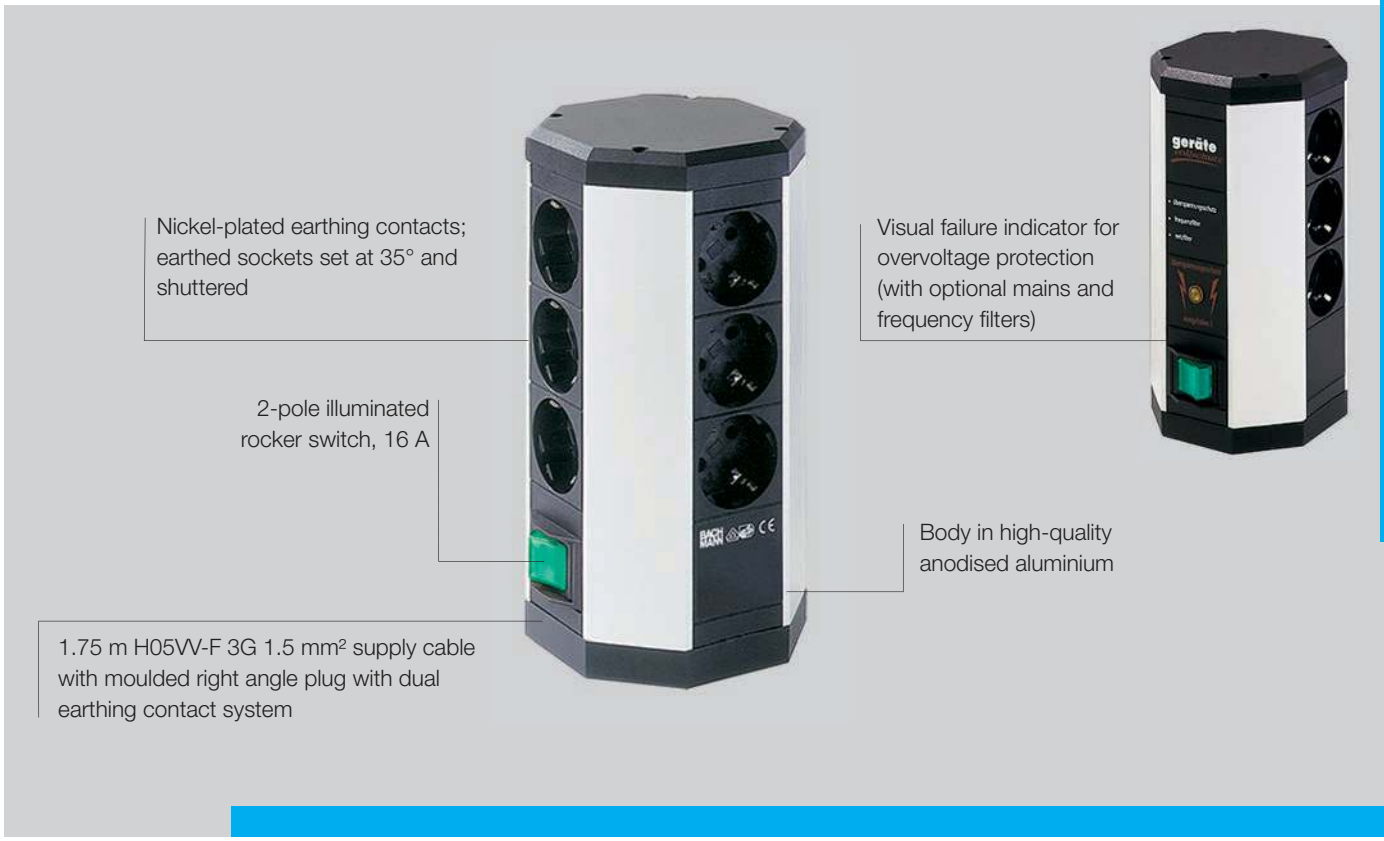
Max. 16 A / 3680 W

· Supply cable: 1.75 m H05VV-F 3G 1.50 mm², black, with moulded right angle plug with dual earthing contact system, socket inserts black, set at 35°, shuttered

Art. no.	Version	Dimensions: (L x W x H)
DUO 6 x earthing contact		**Aluminium**
1 x switch		
335.002	· 6 x socket outlet with earthing contact, set at 35° · 1 x switch, green	240 x 116 x 60 mm
DUO 2 x 6 earthing contact		**Aluminium**
1 x overvoltage protection, 2 x switch		
335.009	· 12 x socket outlet with earthing contact, set at 35° · 2 x switch, green; one switch per side	405 x 116 x 60 mm
DUO 6 x earthing contact		**Aluminium**
1 x overvoltage protection with mains and frequency filters, 1 x switch		
335.007	· 6 x socket outlet with earthing contact, set at 35° · 1 x switch, green	325 x 116 x 60 mm

The benefits at a glance

· Installation kit with fixing screws included
· Highly ergonomic power strip
· Clear connection system



COMPACT

Socket tower

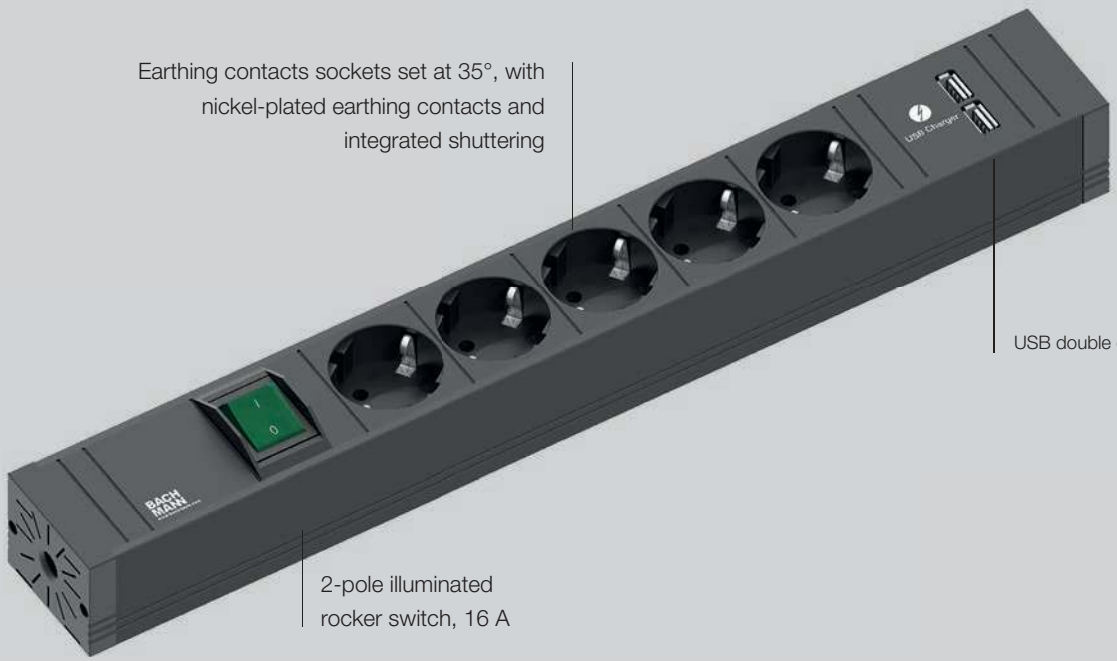
Max. 16A/3680W

· Supply cable: 1.75 m H05VV-F 3G 1.50 mm², black, with moulded right angle plug with dual earthing contact system, socket inserts black, set at 35°, shuttered

Art. no.	Version	Dimensions: (L x W x H)
COMPACT 8 x earthing contact		**Aluminium**
1 x switch		
334.006	· 8 x socket outlet with earthing contact, set at 35° · 1 x switch, green	116 x 116 x 179 mm
COMPACT 12 x earthing contact		**Aluminium**
1 x switch		
334.001	· 12 x socket outlet with earthing contact, set at 35° · 1 x switch, green	116 x 116 x 222 mm
COMPACT 9 x earthing contact		**Aluminium**
1 x overvoltage protection with mains and frequency filters, 1 x switch		
334.003	· 9 x socket outlet with earthing contact, set at 35° · Overvoltage protection with mains and frequency filters · 1 x switch, green	116 x 116 x 222 mm

The benefits at a glance

· Ideal for large number of plugs in limited space
· Attractive design
· Mounting accessories included



NEW

CONNECT LINE

Designed for the office and home

The benefits at a glance

- Slimline design
- Compact power strip
- Large product family
- Multitude of components
- USB double charger or overvoltage protection
- Flexible mounting options
- Plug-and-play

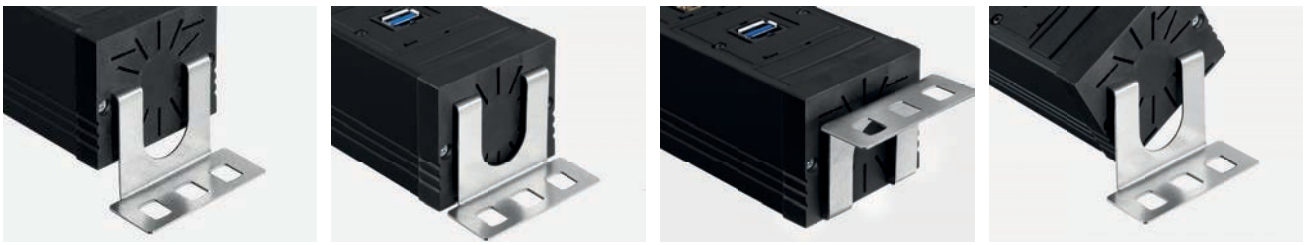
CONNECT LINE, without switch

Art. no.	Version
CONNECT LINE 4 x socket outlet with earthing contact, black	
Plastic profile, black; 2.0 m supply cable H05VVF-F3G 1.5mm² with right angle plug with earthing contact	
420.0017	· 4 x socket outlet with earthing contact · 2 m supply cable
CONNECT LINE 6 x socket outlet with earthing contact, black	
Plastic profile, black; 2.0 m supply cable H05VVF-F3G 1.5mm² with right angle plug with earthing contact	
420.0018	· 6 x socket outlet with earthing contact · 2 m supply cable
CONNECT LINE 8 x socket outlet with earthing contact, black	
Plastic profile, black; 2.0 m supply cable H05VVF-F3G 1.5mm² with right angle plug with earthing contact	
420.0019	· 8 x socket outlet with earthing contact · 2 m supply cable

CONNECT LINE, with switch

Art. no.	Version
CONNECT LINE 4 x socket outlet with earthing contact, black	
Plastic profile, black; 2.0 m supply cable H05VVF-F3G 1.5mm² with right angle plug with earthing contact	
420.0012	· 4 x socket outlet with earthing contact with switch · 2 m supply cable
CONNECT LINE 5 x socket outlet with earthing contact, black	
Plastic profile, black; 2.0 m supply cable H05VVF-F3G 1.5mm² with right angle plug with earthing contact	
420.0013	· 5 x socket outlet with earthing contact with switch · 2 m supply cable
CONNECT LINE 7 x socket outlet with earthing contact, black	
Plastic profile, black; 2.0 m supply cable H05VVF-F3G 1.5mm² with right angle plug with earthing contact	
420.0014	· 7 x socket outlet with earthing contact with switch · 2 m supply cable
CONNECT LINE 5 x socket outlet with earthing contact with USB double charger (5.2V/2.15A), black	U
Plastic profile, black; 2.0 m supply cable H05VVF-F3G 1.5mm² with right angle plug with earthing contact	
420.0021	· 5 x socket outlet with earthing contact; with switch · USB double charger (5.2 V / 2.15 A to charge smartphones and tablet PCs)
CONNECT LINE 5 x socket outlet with overvoltage protection, 6.5 kA, black	
Plastic profile, black; 2.0 m supply cable H05VVF-F3G 1.5mm² with right angle plug with earthing contact	
420.0022	· 5 x socket outlet with earthing contact; with switch · Overvoltage protection 6.5kA, visual function and fail indicator

ALL ITEMS INCLUDING MOUNTING BRACKETS



U USB double charger for mobile devices

CONNECTUS

Modular plastic power strip.

The benefits at a glance

- Very good value for money
- Exclusive to the specialist trade
- Wide range
- High-grade technology
- Tested components
- Halogen and PVC-free socket recesses

Max. 16A/3680W

· Supply cable: 2.0 m H05VV-F 3G 1.50 mm², black

Art. no.	Version	Dimensions: (L x W x H)
CONNECTUS		
1 x rocker switch, green		
330.100	· 4 x socket outlet with earthing contact	approx. 355 x 72 x 49 mm
330.101	· 6 x socket outlet with earthing contact	approx. 440 x 72 x 49 mm
330.102	· 9 x socket outlet with earthing contact	approx. 570 x 72 x 49 mm
330.103	· 12 x socket outlet with earthing contact	approx. 695 x 72 x 49 mm

CONNECTUS 6 x earthing contact		
1 x overvoltage protection, 1 x rocker switch, green		
330.104	· 6 x socket outlet with earthing contact · Overvoltage protection · Visual function and fail indicator	approx. 480 x 72 x 49 mm

CONNECTUS 6 x earthing contact		
1 x overvoltage protection + mains and frequency filters, 1 x rocker switch, green		
330.105	· 6 x socket outlet with earthing contact · Overvoltage protection + mains and frequency filters · Visual function and fail indicator	approx. 568 x 72 x 49 mm

CONNECTUS 1 + 4 x earthing contact E		
Master & slave		
330.106	· 1 master + 4 slave socket outlet with earthing contact · Adjustable threshold value	approx. 480 x 72 x 42 mm

CONNECTUS 1 + 4 x earthing contact E		
Master & slave, with overvoltage protection + mains and frequency filters		
330.107	· 1 master + 4 slave socket outlet with earthing contact · Adjustable threshold value · Overvoltage protection + mains and frequency filters · Visual function and fail indicator	approx. 610 x 72 x 49 mm

Max. 16 A / 3680 W

· Supply cable: 2.0 m H05VV-F 3G 1.50 mm², with black IEC non-heating appliance plug, type C14, red socket outlets

Art. no.	Version	Dimensions: (L x W x H)
CONNECTUS, 3 x earthing contact		
1 x 10 A fuse		
330.300	· 3 x socket outlet with earthing contact, red · Miniature fuse, 10 A	approx. 273 x 72 x 46 mm

Max. 16 A / 3680 W

· Supply cable: 2.0 m H05VV-F 3G 1.50 mm², with black IEC non-heating appliance plug, type C14, red socket outlets
· Foot-operated switch with 2-pole cut-out
· Activating the foot switch halts unnecessary standby power consumption in stand-by mode by the connected devices

Art. no.	Version	Dimensions: (L x W x H)
CONNECTUS Energy Saver		
6 x earthing contact, shuttered, 1 x foot-operated switch		
330.142	· LED function indicator in foot switch · 1.5 m H05VV-F4G 1.50 mm² cable to switch · 6 x socket outlet with earthing contact	approx. 442 x 72 x 49 mm
6 x earthing contact, shuttered, 1 x full equipment protection, 1 x foot-operated switch with LED, black		
330.153	· H05VV-F 3G 1.50 mm² supply cable, 1.5 m, black, to plug · H05VV-F 4G 1.50 mm², 1.5 m, black, to foot switch · 1 x full equipment protection (OVP + mains and frequency filters) · Does not open, cannot be reconnected · Packaged in box	approx. 572 x 72 x 49 mm

Max. 16 A / 3680 W

· Supply cable: 2.0 m H05VV-F 3G 1.50 mm2, black with right angle plug with earthing contact
· External button (foot-activated switch) on 2.0 m cable
· Also cuts off standby consumption from master socket

Art. no.	Version	Dimensions: (L x W x H)
E **CONNECTUS**		
1 x master + 4 slave 1 x integrated automatic switchoff		
330.140	· 1 master + 4 slave socket outlets with earthing contact · With integral automatic switchoff device · with external button · Adjustable threshold value	approx. 538 x 72 x 49 mm

Overvoltage protection with filter: Overvoltage protection - conforms to DIN VDE 0620-1:01-2002, EN 61643-11:08-2007, type 3, discharge current 6.5 kA, response time < 25 nS. Suitable for 16 A (miniature fuse on request) with varistors, temperature fuse, gas discharge arrester, visual LED function and failure indicator (acoustic signalling also available on request). Mains and frequency filters - conforming to VDE 0565-3:05-2006 for voltage peaks up to 30 MHz, damping diagram on data sheet.

Max. 16A/3680W

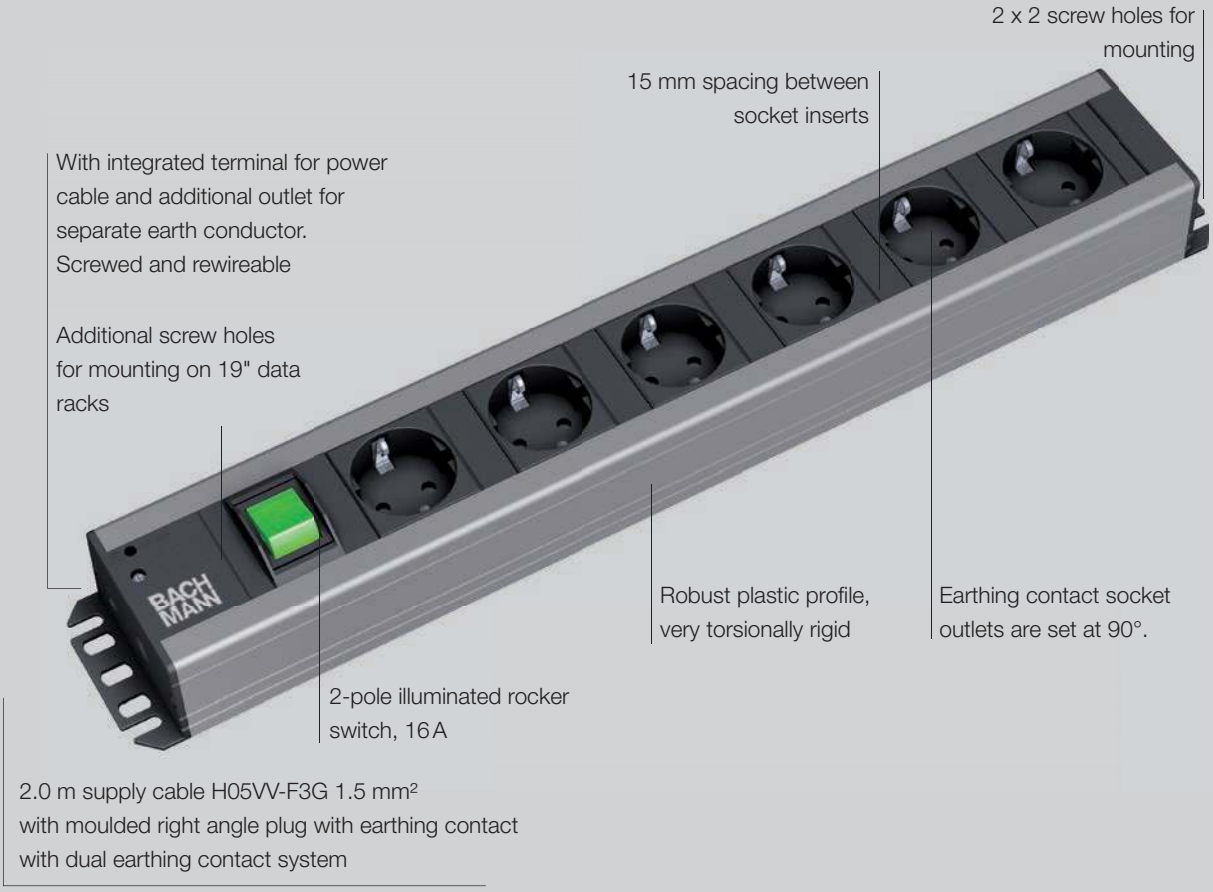
· Supply cable: 2.0 m H05VV-F 3G 1.50 mm², black

Art. no.	Version	Dimensions: (L x W x H)
CONNECTUS		
1 x rocker switch, orange		
330.100F	· 4 x UTE socket outlet	approx. 355 x 72 x 49 mm
330.101F	· 6 x UTE socket outlet	approx. 440 x 72 x 49 mm
CONNECTUS 6 x UTE socket outlet		
1 x overvoltage protection + mains and frequency filters, 1 x rocker switch, orange		
330.104F*	· 6 x UTE socket outlet · Overvoltage protection + mains and frequency filters · Visual function and fail indicator	approx. 480 x 72 x 49 mm
CONNECTUS 1 + 4 x UTE socket outlet		
Master & slave		
330.106F*	· 1 master + 4 slave socket outlet with earthing contact · Adjustable threshold value	approx. 480 x 72 x 49 mm

CONNECTUS – Product matrix

CONNECTUS	Country code	Socket outlets	Switch	Foot switch with function LED with 1.5m cable	Foot switch without function LED with 2 m cable	Overvoltage protection	Mains and frequency filters	Master&slave	Master&Slave with automatic switchoff device	Can be rewired	Shuttered	Length in mm
330.100	DE	4	yes	-		-	-	-	-	-	yes	355
330.106	DE	1+4	-	-	-	-	-	yes	-	-	yes	480
330.140	DE	1+4	-	-	yes	-	-	-	yes	-	yes	538
330.107	DE	1+4	-	-	-	yes	yes	yes	-	-	yes	610
330.101	DE	6	yes	-		-	-	-	-	-	yes	440
330.142	DE	6	-	yes	-	-	-	-	-	-	yes	442
330.104	DE	6	yes			yes	-	-	-	-	yes	480
330.105	DE	6	yes	-	-	yes	yes	-	-	-	yes	568
330.153	DE	6	-	yes	-	yes	yes	-	-	-	yes	572
330.102	DE	9	yes	-		-	-	-	-	-	yes	570
330.103	DE	12	yes	-		-	-	-	-	-	yes	695
330.300	DE	3	with IEC non-heating appliance miniature 10A fuse							-	yes	273
330.100F	UTE	4	yes	-		-	-	-	-	yes	yes	355
330.106F*	UTE	1+4	-	-	-	-	-	yes	-	yes	yes	480
330.101F	UTE	6	yes	-		-	-	-	-	yes	yes	440
330.104F*	UTE	6	yes	-		yes	yes	-	-	yes	yes	480

* No storage type



Tradesman's strip

Robust, professional quality plastic strip

With increased distance between socket outlets, allowing easy positioning of mains adaptor plugs and operating equipment.

The benefits at a glance

- Modern, technical design
- 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

Tradesman's strip, set at 90°

· Supply cable: 2.0 m H05VV-F3G 1.50 mm², black with right angle plug with earthing contact

· Socket inserts, black, 15 mm spacing between sockets

Art. no.	Version	Dimensions: (L x W x H)	
Power strip 90°			
Without switch			
300.000	· 6 x socket outlet with earthing contact	approx. 445 x 74 x 45 mm	19"
300.001	· 9 x socket outlet with earthing contact	approx. 617 x 74 x 45 mm	
300.002	· 12 x socket outlet with earthing contact	approx. 790 x 74 x 45 mm	

1 x rocker switch, green			
300.003	· 6 x socket outlet with earthing contact	approx. 445 x 74 x 45 mm	19"
300.004	· 9 x socket outlet with earthing contact	approx. 617 x 74 x 45 mm	
300.005	· 12 x socket outlet with earthing contact	approx. 790 x 74 x 45 mm	

1 x overvoltage protection, 1 x rocker switch, green		
300.011	· 6 x socket outlet with earthing contact	approx. 490 x 74 x 45 mm

1 x overvoltage protection + mains and frequency filters, 1 x rocker switch, green		
300.012	· 6 x socket outlet with earthing contact	approx. 575 x 74 x 45 mm

Overvoltage protection with filter:
Overvoltage protection - conforms to DIN VDE 0620-1:01-2002, EN 61643-11:08-2007, type 3, discharge current 6.5 kA, response time < 25 nS. Suitable for 16A (miniature fuse on request) with varistors, temperature fuse, gas discharge arrester, visual LED function and failure indicator (acoustic signalling also available on request).
Mains and frequency filters - conforming to VDE 0565-3:05-2006 for voltage peaks up to 30 MHz, damping diagram on data sheet.

19" Available in 19" dimension

Tradesman's strip, set at 90°

· Supply cable: 2.0 m H05VV-F3G 1.50 mm², black with right angle plug with earthing contact
Socket inserts, black, 15 mm spacing between sockets

Art. no.	Version	Dimensions: (L x W x H)
U	**Tradesman's strip with USB double charger**	
	5 x socket outlet with earthing contact	
300.030	· Socket inserts set at 90° · Double USB charging port with 2150 mA · Switch, green · 2.0 m supply cable H05VV-F 3G 1.5 mm2 black · With right angle plug with earthing contact	approx. 445 x 74 x 45 mm

Art. no.	Version
	Tradesman's strip with disengageable socket outlets
	Socket inserts set at 90°; green switch Supply cable 2.0 m H05VV-F 3G 1.5mm², black with right angle plug with earthing contact
300.049	· 4 x socket outlet with earthing contact · Each socket outlet can be individually disengaged
300.050	· 6 x socket outlet with earthing contact · Each socket outlet pair can be individually disengaged

	Tradesman's strip with supply cable on opposite side
	Socket inserts set at 90°; green switch Supply cable 2.0 m H05VV-F 3G 1.5mm², black with right angle plug with earthing contact
300.008	· 6 x socket outlet with earthing contact · **Supply cable and switch on opposite sides**

Tradesman's strip, set at 35°

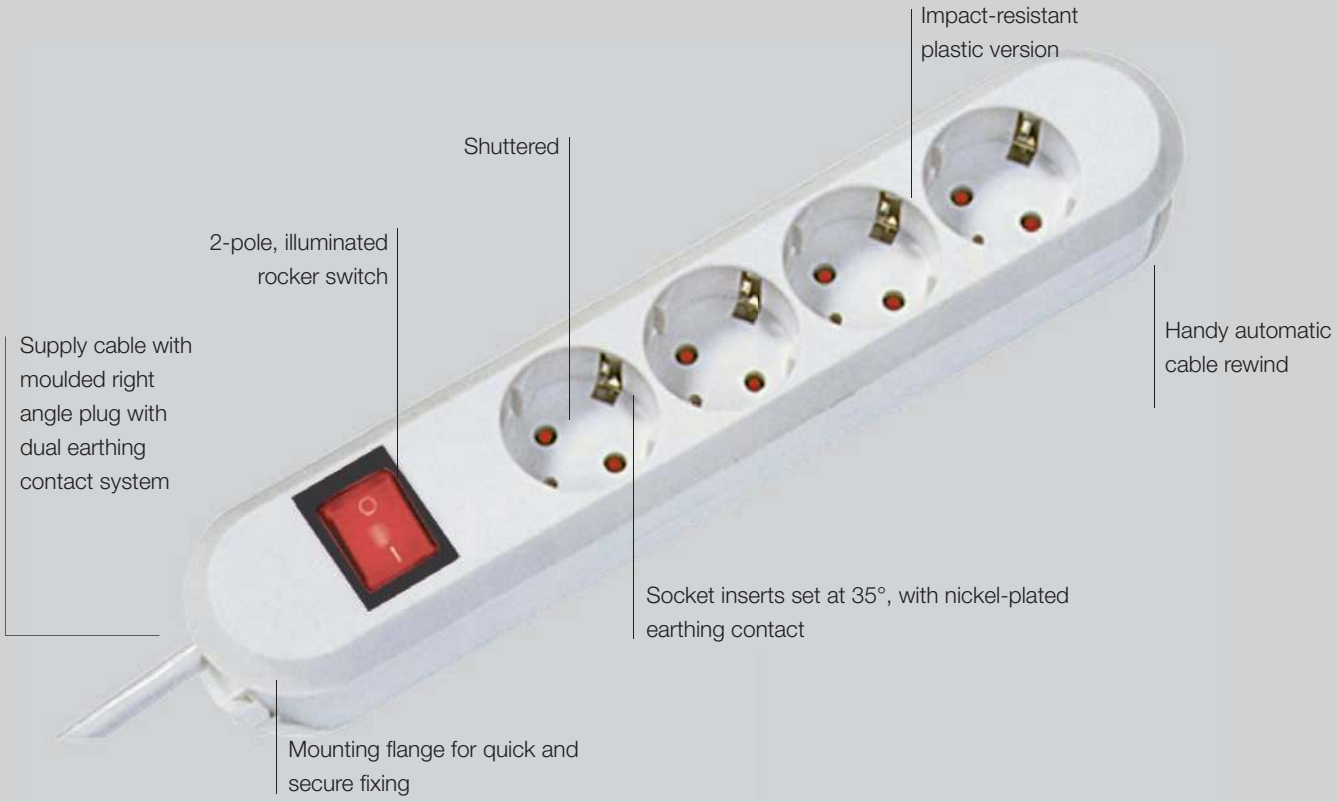
· Supply cable: 2.0 m H05VV-F 3G 1.50 mm², black
· Screwing dimension 465 mm, socket outlets set at 35°

Art. no.	Version	Dimensions: (L x W x H)
	Socket inserts rotated by 35°	
19"	Without switch	
300.006	· 8 x socket outlet with earthing contact	approx. 445 x 74 x 45 mm
19"	1 x rocker switch, green	
300.007	· 7 x socket outlet with earthing contact · In neutral plastic bag	approx. 445 x 74 x 45 mm

U USB double charger for mobile devices
19" Available in 19" dimensions

Tradesman's strip – Product matrix

Article number	Country code	Socket inserts set at 90°	Switch	Overvoltage protection	Mains and frequency filters	Can be rewired	Shuttered	Note	Length in mm	USB double charger
300.030	DE	5	yes	-	-	yes	-	USB	445	yes
300.000	DE	6	-	-	-	yes	-	19"	445	-
300.003	DE	6	yes	-	-	yes	-	19"	445	-
300.011	DE	6	yes	yes	-	yes	-	-	490	-
300.007	DE	7 (35°)	yes	-	-	yes	-	19"	445	-
300.006	DE	8 (35°)	-	-	-	yes	-	19"	445	-
300.001	DE	9	-	-	-	yes	-	-	617	-
300.004	DE	9	yes	-	-	yes	-	-	617	-
300.002	DE	12	-	-	-	yes	-	-	790	-
300.005	DE	12	yes	-	-	yes	-	-	790	-
300.012	DE	6	yes	yes	yes	yes	-	-	575	-
300.008	DE	6	yes	-	-	yes	-	-	525	-
300.049	DE	4	yes-4	-	-	yes	-	-	494	-
300.050	DE	6	yes-3	-	-	yes	-	-	566	-



SMARTLINE

Desk socket outlet in specialist trade quality.

smartline

The benefits at a glance

- Exclusive to the specialist trade
- Specialised trade design
- For professional use
- Tested quality
- Product variants:
- Screwed and rewireable
- Overvoltage protection

Max. 16 A / 3680 W

For suitable screw mounting, see page 263

· 3 x socket outlet with earthing contact
· Supply cable: H05VV-F 3G 1.50 mm²

Art. no.	Version	Unit
SMARTLINE (not rewireable)		**Dimensions: approx. 185 x 56 x 41 mm**
1.5 m supply cable, screwed (single use screws), without switch		
· 3 x socket outlet with earthing contact, shuttered		
387.170	· Black	20 items
387.270	· White	20 items
3.0 m supply cable, screwed (single use screws), without switch		
· 3 x socket outlet with earthing contact, shuttered		
387.171	· Black	20 items
387.271	· White	20 items
5.0 m supply cable, screwed (single use screws), without switch		
· 3 x socket outlet with earthing contact, shuttered		
387.172	· Black	15 items
387.272	· White	15 items

Art. no.	Version	Unit
SMARTLINE (rewireable)		**Dimensions: approx. 185 x 56 x 41 mm**
1.5 m supply cable, screwed (reusable screws), without switch		
· 3 x socket outlet with earthing contact, shuttered		
388.170	· Black	20 items
388.270	· White	20 items
3.0 m supply cable, screwed (reusable screws), without switch		
· 3 x socket outlet with earthing contact, shuttered		
388.171	· Black	20 items
388.271	· White	20 items
388.471	· Brown	20 items
388.371	· Red	20 items
5.0 m supply cable, screwed (reusable screws), without switch		
· 3 x socket outlet with earthing contact, shuttered		
388.172	· Black	15 items
388.272	· White	15 items
Without supply cable, screwed (reusable screws), without switch		
· 3 x socket outlet with earthing contact, shuttered		
385.170	· Black	20 items
385.270	· White	20 items

Max. 16A/3680W

· Supply cable: H05VV-F 3G 1.50 mm², white

Art. no.	Version	Unit
SMARTLINE 4 x earthing contact	**Dimensions: approx. 288 x 56 x 41 mm**	
1.5 m supply cable, screwed (reusable screws), rewireable, without switch		
· 4 x socket outlet with earthing contact, shuttered		
381.121K	· Black	20 items
381.221K	· White	20 items
1.5 m supply cable, 1 x switch, screwed (reusable screws), rewireable		
· 4 x socket outlet with earthing contact, shuttered		
381.130K	· Black	20 items
381.230K	· White	20 items
SMARTLINE 6 x earthing contact	**Dimensions: approx. 370 x 56 x 41 mm**	
1 x overvoltage protection, 1 x switch, 1.5 m supply cable, screwed (screws non-reusable), non-rewireable		
· 6 x socket outlet with earthing contact, shuttered		
· Overvoltage protection consisting of: 2 varistors, nominal discharge current 6.5kA, 16A, 3680W, temperature fuse and visual fail indicator		
381.2501K	· White	20 items
SMARTLINE 6 x earthing contact	**Dimensions: approx. 340 x 56 x 41 mm**	
1.5 m supply cable, screwed (reusable screws), rewireable, without switch		
· 6 x socket outlet with earthing contact, shuttered		
381.147K	· Black	20 items
381.247K	· White	20 items
3.0 m supply cable, screwed (reusable screws), rewireable, without switch		
· 6 x socket outlet with earthing contact, shuttered		
381.148K	· Black	20 items
381.248K	· White	20 items
5.0 m supply cable, screwed (reusable screws), rewireable, without switch		
· 6 x socket outlet with earthing contact, shuttered		
381.149K	· Black	15 items
381.249K	· White	15 items
Without supply cable, screwed (reusable screws) rewireable, without switch		
· 6 x socket outlet with earthing contact, shuttered		
381.246K	· White	20 items
1.5 m supply cable, 1 x switch, screwed (reusable screws), rewireable		
· 6 x socket outlet with earthing contact, shuttered		
381.150K	· Black	20 items
381.250K	· White	20 items
381.450K	· Brown	20 items
3.0 m supply cable, 1 x switch, screwed (reusable screws), rewireable		
· 6 x socket outlet with earthing contact, shuttered		
381.151K	· Black	20 items
381.251K	· White	20 items
5.0 m supply cable, 1 x switch, screwed (reusable screws), rewireable		
· 6 x socket outlet with earthing contact, shuttered		
381.152K	· Black	15 items
381.252K	· White	15 items

Max. 16A/3680W

· Supply cable: H05VV-F 3G 1.50 mm², white

Art. no.	Version	Unit
SMARTLINE 3 x French / UTE		**Dimensions: approx. 185 x 56 x 41 mm**
1.5 m supply cable, screwed (reusable screws), rewireable, without switch		
· 3 x French / UTE, shuttered		
388.270F	· White	20 items
3.0 m supply cable, screwed (reusable screws), rewireable, without switch		
· 3 x French / UTE, shuttered		
388.271F	· White	20 items

SMARTLINE 6 x French / UTE		**Dimensions: approx. 340 x 56 x 41 mm**
1.5 m supply cable, 1 x switch, screwed (screws non-reusable), non-rewireable, shuttered		
· 6 x French / UTE, shuttered		
381.250F	· White	20 items
3.0 m supply cable, screwed (multi-use), rewireable, shuttered, 1 x overvoltage protection, 1 x switch		
· 6 x French / UTE, shuttered		
· Overvoltage protection consisting of: 2 varistors, nominal discharge current 6.5kA, 16A, 3600W, temperature fuse and visual fail indicator		
381.2512K	· White	20 items
381.2507K	· Black	20 items

Screw mounting for SMARTLINE power strips

Attaches to desk/table with screw mounting, e.g. on the edge of a desk

Can be positioned lengthwise or crosswise

Art. no.	Version	Unit
SMARTLINE desk attachment		
For all rewireable (reusable screws) power strips, plastic version		
919.273	· White	1 item

SMARTLINE – Product matrix

SMARTLINE	Country code	Socket outlets	Switch	Length Supply cable in meters	Overvoltage protection	Can be rewired	Shuttered	Length in mm
White								
387.270	DE	3	-	1.5	-	-	yes	185
387.271	DE	3	-	3	-	-	yes	185
387.272	DE	3	-	5	-		yes	185
385.270	DE	3	-	-	-	yes	yes	185
388.270	DE	3	-	1.5	-	yes	yes	185
388.271	DE	3	-	3	-	yes	yes	185
388.272	DE	3	-	5	-	yes	yes	185
381.221K	DE	4	-	1.5	-	yes	yes	288
381.230K	DE	4	yes	1.5	-	yes	yes	288
381.246K	DE	6	-	-	-	yes	yes	340
381.247K	DE	6	-	1.5	-	yes	yes	340
381.250K	DE	6	yes	1.5	-	yes	yes	340
381.2501K	DE	6	yes	1.5	yes	-	yes	370
381.248K	DE	6	-	3	-	yes	yes	340
381.251K	DE	6	yes	3	-	yes	yes	340
381.249K	DE	6		5	-	yes	yes	340
381.252K	DE	6	yes	5	-	yes	yes	340
Black								
387.170	DE	3	-	1.5	-	-	yes	185
387.171	DE	3	-	3	-	-	yes	185
387.172	DE	3	-	5	-	-	yes	185
385.170	DE	3	-	-	-	yes	yes	185
388.170	DE	3	-	1.5	-	yes	yes	185
388.171	DE	3	-	3	-	yes	yes	185
388.172	DE	3	-	5	-	yes	yes	185
381.121K	DE	4	-	1.5	-	yes	yes	288
381.130K	DE	4	yes	1.5	-	yes	yes	288

SMARTLINE	Country code	Socket outlets	Switch	Length Supply cable in meters	Overvoltage protection	Can be rewired	Shuttered	Length in mm
381.146K	DE	6	-	-	-	yes	yes	340
381.147K	DE	6	-	1.5	-	yes	yes	340
381.150K	DE	6	yes	1.5	-	yes	yes	340
381.148K	DE	6	-	3	-	yes	yes	340
381.151K	DE	6	yes	3	-	yes	yes	340
381.149K	DE	6		5	-	yes	yes	340
381.152K	DE	6	yes	5	-	yes	yes	340
381.249K	DE	6		5	-	yes	yes	340
381.252K	DE	6	yes	5	-	yes	yes	340
Brown								
388.471	DE	3	-	3	-	yes	yes	185
381.450K	DE	6	yes	1.5	-	yes	yes	340
red								
388.371	DE	3	-	3	-	yes		185
White								
388.270F	UTE	3	-	1.5	-	yes	yes	185
388.271F	UTE	3	-	3	-	yes	yes	185
381.250F	UTE	6	yes	1.5	-	yes	yes	340
381.2512K	UTE	6	yes	3	yes	yes	yes	340
Black								
381.2507K	UTE	6	yes	3	yes	yes	yes	340

Max. 16 A / 3680 W

· Supply cable: H05VV-F 3G 1.50 mm², white

Art. no.	Version	Unit
3 x earthing contact		
Angled plug set at 45°, without switch		
3 x socket outlet with earthing contact, shuttered		
387.270S	· White, supply cable 1.5 m	20 items
387.271S	· White, supply cable 3.0 m	20 items
Angled plug, set at 45°, 1 x switch, red		
3 x socket outlet with earthing contact, shuttered		
384.270S	· White, supply cable 1.5 m	20 items
6 x earthing contact		
Angled plug set at 45°, without switch		
6 x socket outlet with earthing contact, shuttered		
381.241S	· White, supply cable 1.5 m	20 items
381.141S	· Black, supply cable 1.5 m	20 items
Angled plug, set at 45°, 1 x switch, red		
6 x socket outlet with earthing contact, shuttered		
381.244S	· White, supply cable 1.5 m	20 items
381.144S	· Black, supply cable 1.5 m	20 items

Multiple plug adaptor

Art. no.	Version	Unit
Multiple plug adaptor, max. 2.5 A / 250 V ~		
2 x Euro socket outlet		
921.271	· White	30 items

Surface wiring standard ERGE socket outlets with earthing contact, max. 16 A / 250 V ~

Art. no.	Version	Unit
Surface-mounted standard ERGE socket outlet with earthing contact		
1 x surface-mounted earthing contact socket, DIN 49 440		
382.204	· Greenland white	10 items
2 x surface-mounted earthing contact socket, DIN 49 440		
382.205	· Greenland white	10 items

Overload protection

Art. no.	Version	Unit
Series 8110 overload-protected power strip		
2-way		
924.164	· 230 V~, 50 Hz / 16 A · For connecting 2 devices with high power consumption · (e.g. washing machines and driers) · 1.5 m connector cable with plug · 1 socket outlet with automatic cut-out, power dependent · 1 socket outlet for continuous power · Dimensions: 75 x 45 x 270 mm · Screw-on · Weight 450 g	1 item

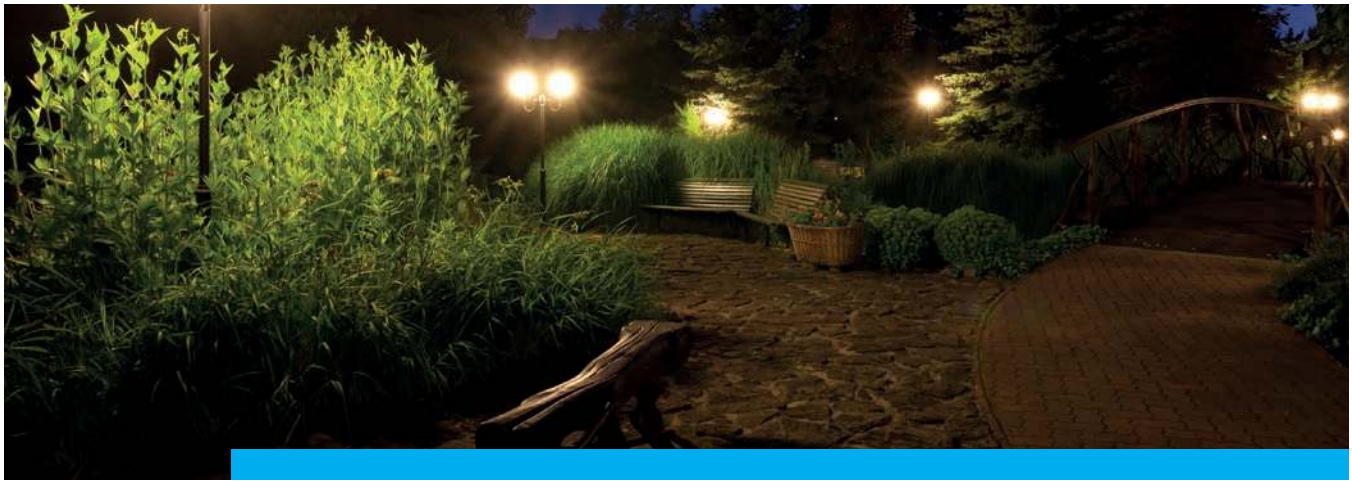
POWERCUBE

Powercubes look good on any desk and combine modern design with practical versatility. They combine a range of functions in a compact, handy and space-saving form.

Art. no.	Version	Unit
Powercube		
Powercube, 3 x socket outlet with earthing contact 10 A / 230 V		
335.050	· Resettable 10 A fuse · Headphone and microphone jacks · Overvoltage protection indicator, earthing indicator · X3 multi-stage metal oxide varistor · High-frequency capacitor for noise reduction · Safety switch-off system · Shuttered	1 item
Powercube Protection, 3 x socket outlet with earthing contact 10 A / 230 V		
335.051	**Additional features of Powercube Protection:** · Telephone, fax, modem and network protection · USB 2.0 charging device with 2 ports	1 item

The benefits at a glance

· Supply cable: 2.0m H05VV-F 3G 1.00 mm², black, with right angle plug with earthing contact
· Dimensions (L x W x H): 105 x 120 x 95mm
· Two fixed sockets and one socket moveable through 90°, with overvoltage protection
Overvoltage protection and earthing indicators: The green LED indicates that the power network is securely earthed. The red LED indicates that the voltage protection unit is functioning correctly.
· X3 multi-stage metal-oxide varistor absorbs power pulses and thus offers protection against high-energy voltage peaks



Garden socket outlets

Practical options for the garden

Garden posts

Art. no.	Version	
Garden post, 4 x earthing contact		**160 x 160 x 280 mm**
1 x splash water protection		
394.170	· 4 x IP44 socket outlet with earthing contact for outdoor use	

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

Art. no.	Version	Unit
Garden socket outlet, black		
2.0 m cable: H07RN-F 3G 1.50 mm² with central plug with earthing contact		
394.180	· 2 x socket outlet with earthing contact 230 V~ · With hinged lid, splash water protected to IP44	1 item
2.0 m cable: H07RN-F 3G 1.50 mm² with central plug with earthing contact		
394.182	· 4 x socket outlet with earthing contact 230 V~ · With hinged lid, splash water protected to IP44	1 item
Garden socket outlet, 3 x socket outlet with earthing contact, green		
2.0 m cable: H07RN-F 3G 1.50 mm² with central plug with earthing contact		
394.175	· 3 x socket outlet with earthing contact 230 V~ · With hinged lid, splash water protected to IP44	1 item

Outdoor socket outlet

Art. no.	Version
Lockable outdoor socket outlet	
Series 9015 230 V, 16 A, IP44, only for mounting on wall, LWH 185 x 85 x 80 mm	
924.349	1 x socket outlet with earthing contact, supplied without lock and plug
924.3491	1 x socket outlet with earthing contact, suitable for angle plug, supplied without lock and plug

The benefits at a glance

· Can be closed with central plug plugged in
· Prevents power from being stolen
· Clear polycarbonate cover with seal with foam surround protects against splash and rain.

Cooker connecting cable with end sleeves PVC, 70 °C

· End 1: 50 mm stripped with end sleeves
· End 2: 110 mm stripped with end sleeves, 140 mm green/yellow protective conductor

Art. no.	Length	Colour	Unit
H05VV-F 5G 1.50 mm²			**Diameter approx. 9,5 mm**
Without packaging			
116.270	1.5 m	· White	50 items
116.271	2.0 m	· White	50 items
116.272	3.0 m	· White	30 items
Individually packed			
116.280	1.5 m	· White	50 items
H05VV-F 3G 2.50 mm²			**Diameter approx.10.1 mm**
Without packaging			
118.270	1.5 m	· White	50 items
H05VV-F 5G 2.50 mm²			**Diameter approx. 11,3 mm**
Without packaging			
119.270	1.5 m	· White	50 items
119.271	2.0 m	· White	30 items
119.272	3.0 m	· White	20 items
Individually packed			
119.280	1.5 m	· White	50 items
119.281	2.0 m	· White	30 items

Cooker connecting cable with fork-type lugs PVC, 70 °C

· End 1: 50 mm stripped with end sleeves
· End 2: 110 mm stripped with end sleeves, 140 mm green/yellow protective conductor

Art. no.	Length	Colour	Unit
H05VV-F 5G 2.50 mm²			**Diameter approx. 11.3 mm**
Without packaging			
119.274	2.0 m	· White	30 items

Cooker connection socket 16 A / 380 V~

· Duroplast version for surface or flush mounting
· Quick and easy to connect thanks to spacious terminal area
· Clamping range: 0.75 – 2.5 mm² for 55 mm wall socket

Art. no.	Colour	Unit
Cooker connection socket		
16 A / 380 V~		
· For 55 mm wall boxes / height 23 mm		
190.270	· White	20 items

Device connection socket 16 A / 380 V~

· Thermoplastic version for concealed wiring mounting
· Easy to fit with removable terminal block and snap-lock cover
· With screw terminal 5 x 2.50 mm² and strain relief
· For 55 mm wall socket/height 14 mm

Kitchen connection box

- No need to fit additional sockets
- The existing cooker socket can still be used
- Saves costs as no need to fit sockets later
- Rewirable WAGO® terminals
- Low built-in depth (approx.34 mm)
- Also utilizable for induction cooker

Art. no.	Version
Kitchen connection box	
Grey, with screw-mounting eyes, connected load up to 10 kW	
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	· 2 m kitchen connection box · Cooker connection socket 2 m; hob 2 m and oven 2 m
923.001	· 5 m kitchen connection box · Cooker connection socket 2 m; hob 5 m and oven 5 m
923.0011	· 5 m kitchen connection box PLUS · Cooker connection socket 5 m; hob 5 m and oven 5 m
923.002	· 10 m kitchen connection box · Cooker connection socket 2 m; hob 10 m and oven 10 m

Euro supply cable PVC, 70 °C

- End 1: 2.5 A Euro plug, moulded
- End 2: 25 mm stripped with end sleeves

Art. no.	Length	Colour	Unit
H03VVH2-F 2 x 0.75 mm²			**Flat cable approx. 3.6 x 5.6 mm**
Without packaging			
202.174	2.0 m	· Black	100 items
202.274	2.0 m	· White	100 items
202.175	3.0 m	· Black	100 items
202.275	3.0 m	· White	100 items
Individually packed			
202.184	2.0 m	· Black	50 items
202.284	2.0 m	· White	50 items
202.185	3.0 m	· Black	50 items
202.285	3.0 m	· White	50 items

Euro supply cable with intermediate switch, PVC, 70 °C

- End 1: 2.5 A Euro plug, moulded
- End 2: 25 mm stripped with end sleeves, 1-pole intermediate switch – installed approx. 50 cm from side 2

Art. no.	Length	Colour	Unit
H03VVH2-F 2 x 0.75 mm²			**Flat cable approx. 3.6 x 5.6 mm**
Without packaging			
211.174	1.8 m	· Black	100 items
211.274	1.8 m	· White	100 items

Earthing contact supply cable, PVC, with intermediate switch, 70 °C

- Sealed
- Switch dimensions: 60 x 26 x 13 mm
- End 1: Right-angled earthing contact with dual earthing contact system, moulded
- End 2: 30 mm stripped with end sleeves, 1-pole intermediate switch - fitted after approx. 50 cm

Art. no.	Length	Colour	Unit
H03VV-F 3G 0.75 mm²			**Diameter approx. 5.5 mm**
Without packaging			
302.174	2.0 m	· Black	100 items
302.274	2.0 m	· White	100 items

Vacuum cleaner replacement cable, PVC, 70 °C

- End 1: Contour plug, moulded
- End 2: 30 mm stripped with end sleeves

Art. no.	Length	Colour	Unit
H05VV-F 2 x 0.75 mm²			**Diameter approx. 6.4 mm**
Individually packed			
240.187	6.3 m	· Black	20 items
240.189	10.0 m	· Black	20 items

Contour supply cable, PVC, 70 °C

- End 1: Contour plug, moulded
- End 2: 30 mm stripped with end sleeves

Art. no.	Length	Colour	Unit
H05VV-F 2 x 1.00 mm²			**Diameter approx. 6.5 mm**
Without packaging			
241.175	3.0 m	· Black	50 items
241.275	3.0 m	· White	50 items

Earthing contact supply cable, PVC, max. 16 A/250 V~, 70 °C

· End 1: Right-angled earthing contact with dual earthing contact system, moulded
· End 2: 30 mm stripped with end sleeves

Art. no.	Length	Colour	Unit
H03VV-F 3G 0.75 mm²			**Diameter approx. 5.5 mm**
Without packaging			
301.174	2.0 m	· Black	100 items
301.274	2.0 m	· White	100 items
301.974	2.0 m	· Grey	100 items
301.175	3.0 m	· Black	100 items
301.275	3.0 m	· White	100 items
H05VV-F 3G 1.00 mm²			**Diameter approx. 7.0 mm**
Without packaging			
304.174	2.0 m	· Black	100 items
304.274	2.0 m	· White	100 items
304.974	2.0 m	· Grey	100 items
304.175	3.0 m	· Black	50 items
304.275	3.0 m	· White	50 items
304.176	5.0 m	· Black	30 items
304.276	5.0 m	· White	30 items
Individually packed			
304.184	2.0 m	· Black	50 items
304.284	2.0 m	· White	50 items
304.185	3.0 m	· Black	50 items
304.285	3.0 m	· White	50 items
H05VV-F 3G 1.50 mm²			**Diameter approx. 8.0 mm**
Without packaging			
305.174	2.0 m	· Black	50 items
305.274	2.0 m	· White	50 items
305.974	2.0 m	· Grey	50 items
305.175	3.0 m	· Black	50 items
305.275	3.0 m	· White	50 items
305.975	3.0 m	· Grey	50 items
305.176	5.0 m	· Black	30 items
305.276	5.0 m	· White	30 items
Individually packed			
305.184	2.0 m	· Black	50 items
305.284	2.0 m	· White	50 items
305.185	3.0 m	· Black	20 items
305.285	3.0 m	· White	20 items

Earthing contact supply cable, PVC, max. 16 A / 250 V~, 70 °C

· End 1: Central plug with dual earthing contact system, moulded
· End 2: 30 mm stripped with end sleeves

Art. no.	Length	Colour	Unit
H03VV-F 3G 0.75 mm²			**Diameter approx. 5.5 mm**
Without packaging			
311.273	1.5 m	· White	100 items
H03VV-F 3G 0.75 mm²			**Diameter approx. 5.5 mm**
Individually packed			Diameter approx. 6.0 mm
312.174	2.0 m	· Black	100 items
312.175	3.0 m	· Black	100 items
312.275	3.0 m	· White	100 items

Electric iron supply cable, textile, 150 °C

· End 1: Central plug with dual earthing contact system, moulded
· End 2: 30 mm stripped with end sleeves

Art. no.	Length	Colour	Unit
H03RT-H 3G 1.0 mm² – TEXTILE			**Diameter approx. 6.5 mm**
Individually packed			
313.176	3.0 m	· Grey / white	1 item

Small equipment supply cable, PVC, max. 2.5 A / 250 V~

· End 1: Euro flat plug, moulded
· End 2: Small equipment socket, moulded

Art. no.	Length	Colour	Unit
H03VVH2-F 2 x 0.75 mm²			**Flat cable approx. 3.6 x 5.6 mm**
Without packaging			
251.173	1.5 m	· Black	200 items
Individually packed			
251.183	1.5 m	· Black	50 items

Non-heating appliance supply cable, PVC, 10 A/250 V~, 70 °C

· End 1: Right-angled earthing contact with dual earthing contact system, moulded
· End 2: Non-heating appliance socket, IEC 320/C13, moulded

Art. no.	Length	Colour	Unit
H05VV-F 3G 0.75 mm²			**Diameter approx. 5.8 mm**
Without packaging			
351.174	2.0 m	· Black	100 items
351.974	2.0 m	· Grey	100 items
Individually packed			
351.184	2.0 m	· Black	50 items
351.984	2.0 m	· Grey	50 items
H05VV-F 3G 1.00 mm²			**Diameter approx. 7.0 mm**
Without packaging			
353.175	3.0 m	· Black	50 items
353.975	3.0 m	· Grey	50 items
Individually packed			
353.185	3.0 m	· Black	50 items
353.985	3.0 m	· Grey	50 items

Non-heating appliance supply cable, PVC, 16 A/250 V~, 70 °C

· End 1: Right-angled earthing contact with dual earthing contact system, moulded
· End 2: C19 non-heating appliance socket (915.174)

Art. no.	Length	Colour	Unit
H05VV-F 3G 1.50 mm²			**Diameter approx. 8.4 mm**
Without packaging			
352.174	2.0 m	· Black	50 items
352.175	3.0 m	· Black	50 items

Non-heating appliance supply cable, PVC, 10 A/250 V~, 70 °C

· End 1: IEC 320/C14 non-heating appliance plug with earthing contact, moulded
· End 2: IEC 320 / C13 non-heating appliance socket with earthing contact, moulded
Ideal connector between PC and monitor or as an extension cable

Art. no.	Length	Colour	Unit
H05VV-F 3G 0.75 mm²			**Diameter approx. 5.8 mm**
Without packaging			
356.974	2.0 m	· Grey	100 items
H05VV-F 3G 1.00 mm²			**Diameter approx. 7.0 mm**
Without packaging			
356.975	3.0 m	· Grey	50 items

Non-heating appliance extension cable, PVC, 16A/250V~, 70°C

- End 1: C20 non-heating appliance plug (915.175)
- End 2: C19 non-heating appliance socket (915.174)

Art. no.	Length	Colour	Unit
H05VV-F 3G 1.50 mm²			**Diameter approx. 8.4 mm**
Without packaging			
356.174	2.0 m	· Black	50 items
356.175	3.0 m	· Black	50 items

Heating appliance supply cable, PVC, 10A/250V~ (for export only)

- End 1: Right-angled earthing contact with dual earthing contact system, moulded
- End 2: Heating appliance socket 10A, IEC 320/C15, fitted

Art. no.	Length	Colour	Unit
H05VV-F 3G 1.00 mm²			**Diameter approx. 7.0 mm**
Without packaging			
361.174	2.0 m	· Black	50 items
Individually packed			
361.184	2.0 m	· Black	50 items

Heating appliance supply cable, rubber, 10A/250V~, 155°C

- End 1: Central plug with dual earthing contact system, moulded
- End 2: Heating appliance outlet 10A, mounted

Art. no.	Length	Colour	Unit
H05RR-F 3G 1.00 mm²			**Diameter approx. 6.5 mm**
Without packaging			
372.174	2.0 m	· Black	50 items
Individually packed			
372.184	2.0 m	· Black	20 items

Universal supply cable, PVC, 10A/250V~ (for export only)

- End 1: Right-angled earthing contact with dual earthing contact system, moulded
- End 2: Heating appliance outlet 10A, mounted

Art. no.	Length	Colour	Unit
H05VV-F 3G 1.00 mm²			**Diameter approx. 7.0 mm**
Without packaging			
373.174	2.0 m	· Black	50 items

Contour supply cable, neoprene, 16 A/250 V~, 70 °C

- End 1: Contour plug, moulded
- End 2: 30 mm stripped with end sleeves
- Ideal connecting cable for power tools

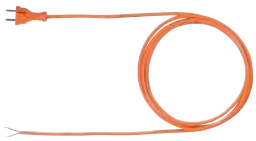
Art. no.	Length	Colour	Unit
H07RN-F 2 x 1.00 mm²			**Diameter approx. 7.7 mm**
Without packaging			
246.174	2.0 m	· Black	50 items
246.175	3.0 m	· Black	50 items
246.375	3.0 m	· Red	50 items
246.176	5.0 m	· Black	20 items
246.376	5.0 m	· Red	20 items
Individually packed			
246.185	3.0 m	· Black	20 items
246.186	5.0 m	· Black	20 items

Art. no.	Length	Colour	Unit
H07RN-F 2 x 1.50 mm²			**Diameter approx. 8.7 mm**
Without packaging			
248.174	2.0 m	· Black	50 items
248.175	3.0 m	· Black	50 items
248.176	5.0 m	· Black	20 items
Individually packed			
248.185	3.0 m	· Black	20 items
248.186	5.0 m	· Black	20 items

Contour supply cable, rubber/PUR, 16 A/250 V~, 70 °C

- End 1: Contour plug, moulded
- End 2: 30 mm stripped with end sleeves

Art. no.	Length	Colour	Unit
H05BQ-F 2 x 1.00 mm²			**Diameter approx. 6.8 mm**
Without packaging			
244.875	3.0 m	· Orange	50 items
244.876	5.0 m	· Orange	30 items
H07BQ-F 2 x 1.50 mm²			**Diameter approx. 8.3 mm**
Without packaging			
249.875	3.0 m	· Orange	50 items
249.876	5.0 m	· Orange	30 items



Earthing contact supply cable, neoprene, max. 16 A / 250 V~

· End 1: Central plug with dual earthing contact system, moulded
Plug is splash water protected.
· End 2: 30 mm stripped with end sleeves

Art. no.	Length	Colour	Unit
H05RR-F 3G 0.75 mm²			**Diameter approx. 6.7 mm**
Without packaging			
321.174	2.0 m	· Black	50 items
321.175	3.0 m	· Black	50 items
321.176	5.0 m	· Black	20 items
H07RN-F 3G 1.00 mm²			**Diameter approx. 8.9 mm**
Without packaging			
320.174	2.0 m	· Black	50 items
320.175	3.0 m	· Black	50 items
320.176	5.0 m	· Black	20 items
Individually packed			
320.185	3.0 m	· Black	20 items
320.186	5.0 m	· Black	20 items
H07RN-F 3G 1.50 mm²			**Diameter approx. 9.5 mm**
Without packaging			
322.174	2.0 m	· Black	50 items
322.175	3.0 m	· Black	30 items
322.176	5.0 m	· Black	20 items
Individually packed			
322.184	2.0 m	· Black	20 items
322.185	3.0 m	· Black	20 items
322.186	5.0 m	· Black	20 items
H07RN-F 3G 2.50 mm²			**Diameter approx. 11.3 mm**
Individually packed			
323.185	3.0 m	· Black	10 items
323.186	5.0 m	· Black	10 items

Earthing contact supply cable, rubber / PUR, max. 16 A / 250 V~

· End 1: Central plug with dual earthing contact system, moulded
Plug is splash water protected.
· End 2: 30 mm stripped with end sleeves

Art. no.	Length	Colour	Unit
H05BQ-F 3G 1.00 mm²			**Diameter approx. 7.9 mm**
Without packaging			
328.875	3.0 m	· Orange	50 items
328.876	5.0 m	· Orange	30 items
H07BQ-F 3G 1.50 mm²			**Diameter approx. 8.6 mm**
Without packaging			
327.875	3.0 m	· Orange	30 items
327.876	5.0 m	· Orange	20 items

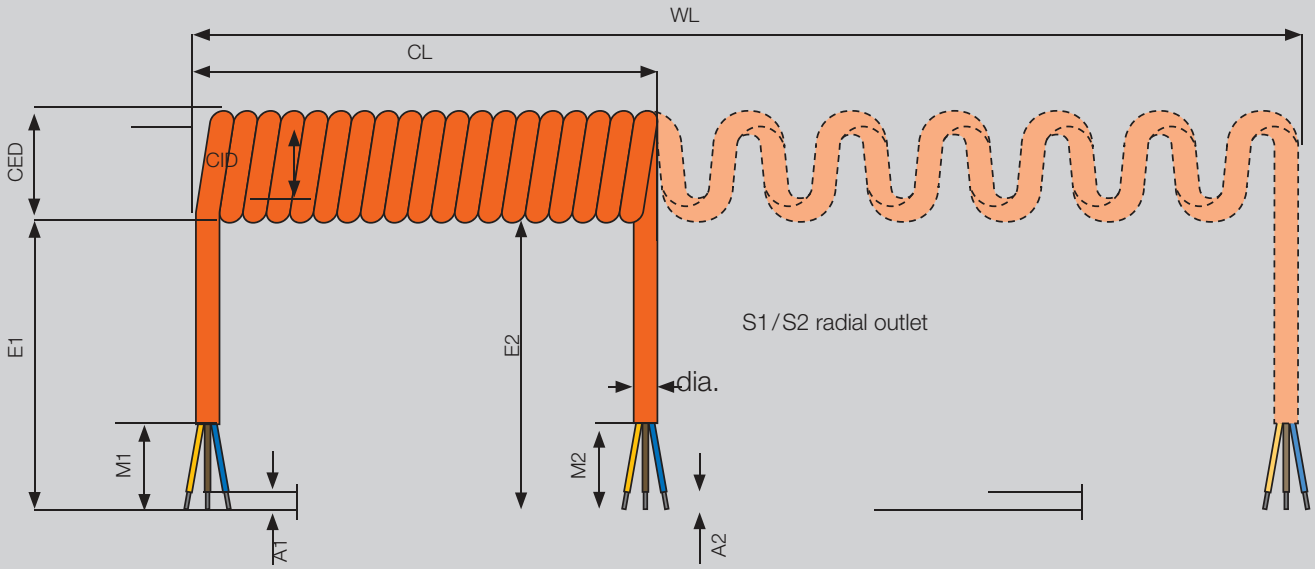
Note	· For contour and earthing-contact supply cable · Contour supply cable: 244.875/244.876/249.875/249.876 · Earthing-contact supply cable: 328.875/328.876/327.875/327.876 · Contour supply cable: 244.875/244.876/249.875/249.876
Cable construction	· Copper conductors, fine stranded, tin-plated · Lead 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 mechanically demanding applications on construction sites, in workshops, in mechanical and plant engineering and in the chemicals industry · Wherever requirements for abrasion resistance, impact resistance and oil resistance are high · Particularly suitable as a supply cable for hand-held power tools

We can implement specially engineered products according to your specification or following a free consultation by our specialists. As a manufacturer of many years standing we have considerable specialist competence. **See also page 318 (international plugs and couplings).**

Transparent power 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 end sleeves
· End 2: 40 mm stripped with end sleeves

Art. no.	Length	Colour	Unit
Double insulated cable 3 x 0.75 mm²			
130.080	1.5 m	· Transparent	1 item
130.081	3.0 m	· Transparent	1 item
Double insulated cable 3 x 1.50 mm²			
131.080	1.5 m	· Transparent	1 item
131.081	3.0 m	· Transparent	1 item
Double insulated cable 3 x 0.75 mm²			**Diameter 5.2 mm ± 0.2 mm**
150.072	50.0 m ring	· Transparent	1 item
Double insulated cable 3 x 1.50 mm²			
150.070	50.0 m ring	· Transparent	1 item
Double insulated cable 5 x 0.75 mm²			
132.080	1.5 m	· Transparent	1 item
132.081	3.0 m	· Transparent	1 item
Double insulated cable 5 x 1.50 mm²			
133.080	1.5 m	· Transparent	1 item
133.081	3.0 m	· Transparent	1 item
Double insulated cable 5 x 1.50 mm²			
151.070	50.0 m ring	· Transparent	1 item
Double insulated cable 5 x 0.75 mm²			
151.072	50.0 m ring	· Transparent	1 item



Coil length (CL)	= closed length
Working length (WL)	= max. stretched length
dia.	= cable diameter
CID	= coil internal diameter
CED	= coil external diameter
S1	= end 1
S2	= end 2
M1	= stripped
A1	= end sleeve

Spiral cable

Wide range of stock items plus custom manufacturing

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.

Leads PVC / sheath PVC

Properties
· Good value, low mechanical stiffness, medium chemical resistance, medium restoring force

Examples of use
· For household equipment, lamps and IT systems

Leads PVC / sheath PUR

Properties
· Good chemical resistance, good resistance to cold, excellent abrasion and notching resistance, very good oil resistance, good restoring force

Examples of use
· For connecting cables in engineering and the building industry (construction equipment)

Leads rubber PUR / sheath PUR

Properties
· Good wear resistance, good chemical resistance, good resistance to cold, excellent abrasion and notching resistance, very good oil resistance, good reset force

Examples of use
· For machines and systems that require VDE-compliant connections:
for example, mechanical engineering, construction equipment, electric tools, communication technology - particularly suitable for use out of doors or in damp environments

PVC spiral cable

Leads: PVC, sheath: PVC, elongation factor 1:4, 70 °C

· End 1 / end 2: 200 mm each, cut flush
· Properties: good value, low mechanical resistance, medium chemical resistance, medium reset force
· Examples of use: lamps, IT systems and mobile devices/equipment

Art. no.	Coil length	Working length	Version	Unit
Spiral cable				
YMHY-J 3G 1.50 mm², diameter approx. 8.4 mm, CID: approx. 10 mm, CED: approx. 27 mm				
654.180	500 mm	2000 mm	· Black	50 items
654.280	500 mm	2000 mm	· White	50 items
654.181	1000 mm	4000 mm	· Black	30 items
654.281	1000 mm	4000 mm	· White	30 items
654.182	1500 mm	6000 mm	· Black	15 items
654.282	1500 mm	6000 mm	· White	15 items

Spiral cable PUR

Leads: PVC, sheath: PVC, elongation factor 1:4, 70 °C

· End 1 / end 2: 200 mm each, cut flush
· Properties: good chemical resistance, good resistance to cold, excellent abrasion and notching resistance, very good reset force
· Examples of use: connecting cables for engineering, the construction industry or robotics

Art. no.	Coil length	Working length	Version	Unit
Spiral cable, PUR				
YMH11Y-J 3G 1.50 mm², diameter approx. 8.0 mm, CID: approx. 13 mm, CED: approx. 29 mm				
692.180	500 mm	2500 mm	· Black	30 items
692.280	500 mm	2500 mm	· White	30 items
692.181	1000 mm	5000 mm	· Black	20 items
692.281	1000 mm	5000 mm	· White	20 items
692.182	1500 mm	7500 mm	· Black	15 items
692.282	1500 mm	7500 mm	· White	15 items

Spiral cable PUR

Leads: PVC, sheath: PUR, elongation factor 1:5, 70 °C

Art. no.	Coil length	Working length	Version	Unit
Spiral cable, PUR				
YMH11Y-J 5 x 1.50 mm², diameter approx. 10.0 mm, CID: approx. 18 mm, CED: approx. 39 mm				
693.180	500 mm	2500 mm	· Black	20 items
693.280	500 mm	2500 mm	· White	20 items
693.181	1000 mm	5000 mm	· Black	10 items
693.281	1000 mm	5000 mm	· White	10 items
693.182	1500 mm	7500 mm	· Black	5 items
693.282	1500 mm	7500 mm	· White	5 items

Spiral cable PUR

Leads: rubber, sheath: PUR, elongation factor 1:5, 70 °C

· End 1 / end 2: 200 mm each, cut flush

· Properties: good chemical resistance, good resistance to cold, microbe-proof, excellent abrasion and notching resistance, microbe-proof, high scouring/grinding stresses, very good reset force

· Examples of use: machines and systems requiring VDE-compatible connection:

e.g. in engineering, power tools, construction equipment and communications systems

· Particularly suitable for use out of doors or in damp environments; UV resistant

Art. no.	Coil length	Working length	Version	Unit
Spiral cable, PUR				
H07BQ-F 3G 1.50 mm², diameter approx. 9.5 mm, CID: approx. 13 mm, CED: approx. 32 mm				
684.880	500 mm	2500 mm	· Orange	20 items
684.881	1000 mm	5000 mm	· Orange	15 items
684.882	1500 mm	7500 mm	· Orange	10 items
H07BQ-F 5G 1.50 mm², diameter approx. 11.3 mm, CID: approx. 18 mm, CED: approx. 41 mm				
685.880	500 mm	2500 mm	· Orange	20 items
685.881	1000 mm	5000 mm	· Orange	10 items
685.882	1500 mm	7500 mm	· Orange	5 items
H07BQ-F 7G 1.50 mm², diameter approx. 13.9 mm, CID: approx. 18 mm, CED: approx. 46 mm				
681.880	500 mm	2500 mm	· Orange	20 items
681.881	1000 mm	5000 mm	· Orange	10 items
681.882	1500 mm	7500 mm	· Orange	5 items
H07BQ-F 3G 2.50 mm², diameter approx. 10.8 mm, CID: approx. 18 mm, CED: approx. 40 mm				
682.880	500 mm	2500 mm	· Orange	20 items
682.881	1000 mm	5000 mm	· Orange	10 items
682.882	1500 mm	7500 mm	· Orange	5 items
H07BQ-F 5G 2.50 mm², diameter approx. 13.7 mm, CID: approx. 18 mm, CED: approx. 46 mm				
683.880	500 mm	2500 mm	· Orange	20 items
683.881	1000 mm	5000 mm	· Orange	10 items
683.882	1500 mm	7500 mm	· Orange	5 items

Contour supply cable, PUR

Leads: rubber, sheath: PUR, elongation factor 1:5, 70 °C

· End 1: moulded contour plug

· End 2: Length 100 mm incl. 30 mm stripped, with end sleeves

Art. no.	Coil length	Working length	Version	Unit
Contour supply cable, PUR				
H05BQ-F 2 x 1.00 mm², diameter approx. 7 mm, CID: approx. 9 mm, CED: approx. 23 mm				
624.871	1000 mm	5000 mm	· Orange	50 items

Spiral cable with earthing contact plug, PVC

Leads: PVC, sheath: PVC, elongation factor 1:4, 70 °C

· End 1: Right angle plug, type 30F with dual earthing contact system, moulded

· End 2: Length 100 mm incl. 30 mm stripped, with end sleeves

Art. no.	Coil length	Working length	Version	Unit
Spiral cable with earthing contact plug, PVC				
YMHY-J 3G 1.50 mm², diameter approx. 8.4 mm, CID: approx. 10 mm, CED: approx. 27 mm				
663.170	500 mm	2000 mm	· Black	50 items
663.270	500 mm	2000 mm	· White	50 items
663.171	1000 mm	4000 mm	· Black	30 items
663.271	1000 mm	4000 mm	· White	30 items

Earthing contact spiral supply cable PUR

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 end sleeves

Art. no.	Coil length	Working length	Version	Unit
Earthing contact spiral supply cable PUR				
H07BQ-F 3G 1.50 mm², diameter approx. 9.5 mm, CID: approx. 13 mm, CED: approx. 32 mm				
665.870	500 mm	2500 mm	· Orange	10 items
665.871	1000 mm	5000 mm	· Orange	10 items

Lamp spiral cable

Ends: 140 mm each, incl. 80 mm stripped, with end sleeves

Art. no.	Coil length	Working length	Version	Unit
Lamp spiral cable (prepared)				
YMHY-J 3G 1.50 mm², diameter approx. 8.4 mm, CID: approx. 10 mm, CED: approx. 27 mm				
· Leads: PVC, sheath: PVC, elongation factor 1:4, 70 °C				
654.283	400 mm	1600 mm	· White	50 items
654.284	800 mm	3200 mm	· White	25 items
YMH11Y-J 5 x 1.50 mm², diameter approx. 10 mm, CID: approx. 13 mm, CED: approx. 34 mm				
· Leads: PVC, sheath: PUR, elongation factor 1:5, 70 °C				
693.283	400 mm	2000 mm	· White	20 items

Earthing contact extension cable, 16 A / 250 V~ , PVC, 70 °C

· End 1: Right-angled earthing contact with dual earthing contact system, moulded
· End 2: Earthing contact coupling, moulded, with extra shuttering in coupling

Art. no.	Version	Unit
Earthing contact extension, cable: H05VV-F 3G 1.50 mm²		
Length: 2 m		
341.200S	· White	50 items
Length: 3 m		
341.201S	· White	50 items
Length: 5 m		
341.202S	· White	30 items
Length: 10 m		
341.203S	· White	20 items

Spiral earthed contact extension cable, PVC, elongation factor 1:4, 70 °C

· End 1: Central plug with dual earthing contact system, moulded
· End 2: Earthing contact coupling, moulded

Art. no.	Coil length	Working length	Version	Unit
Spiral earthed contact extension cable, PVC				
YMHY-J 3G 1.50 mm², diameter approx. 8.4 mm, CID: approx. 10 mm, CED: approx. 27 mm				
672.180	500 mm	2000 mm	· Black	20 items
672.280	500 mm	2000 mm	· White	20 items
672.181	1000 mm	4000 mm	· Black	20 items
672.281	1000 mm	4000 mm	· White	20 items

Earthing contact extension cable, 16 A / 250 V~ , IP20, PVC, 70 °C

· End 1: Central plug with dual earthing contact system, moulded
· End 2: Earthing contact coupling, moulded, with cover

Art. no.	Version	Unit
Earthing contact extension, cable: H05VV-F3G 1.50 mm², safety colour orange		
Length: 10 m		
341.879	· Orange	1 item
Length: 25 m		
341.870	· Orange	1 item

Euro extension cable, 2.5 A / 250 V~ , PVC, 70 °C

· End 1: Euro plug, fitted, type 20
· End 2: Euro coupling, fitted, type 23
· Cable: H03VVH2-F2 0.75 mm², flat cable

Art. no.	Version	Unit
Euro extension cable		
Length: 2.0 m		
233.184	· Black	20 items
233.284	· White	20 items
Length: 3.0 m		
233.185	· Black	20 items
233.285	· White	20 items
Length: 5.0 m		
233.186	· Black	20 items
233.286	· White	20 items

Earthing contact extension cable, 16 A / 250 V~ , PVC, 70 °C

· End 1: Right angle plug with dual earthing contact system, moulded
· End 2: Earthing contact coupling, moulded

Art. no.	Version	Unit
Earthing contact extension, cable: H05VV-F 3G 1.50 mm²		
Length: 2.0 m		
341.184	· Black	50 items
341.284	· White	50 items
Length: 3.0 m		
341.185	· Black	50 items
341.285	· White	50 items
Length: 4.0 m		
341.287	· White	50 items
Length: 5.0 m		
341.186	· Black	50 items
341.286	· White	50 items
Length: 7.5 m		
341.288	· White	20 items
Length: 10 m		
341.189	· Black	15 items
341.289	· White	15 items
Length: 15 m		
341.281	· White	10 items

Lawnmower extension cable, 16 A / 250 V ~, IP55, rubber/neoprene, 70 °C

· End 1: Central plug with earthing contact
· End 2: Earthing contact coupling with cover

Art. no.	Version	Unit
Lawnmower extension, cable: H07RN-F3G 1.50 mm²		
15 m		
343.373	· Red	1 item
25 m		
343.370	· Red	1 item
35 m		
343.372	· Red	1 item
50 m		
343.371	· Red	1 item

Cable safe box, IP44

· Offers the best protection for plugged joints of power cables
· Ideal for permanent use out of doors and on building sites because it is watertight and shuttered
· Protects the plug connections of your Christmas and party illuminations
· Practical applications in camping and for use with electric lawnmowers

Art. no.	Version	Unit
Cable safe box, IP44		
919.371	· Max. cable diameter 9 mm · Internal dimensions 180 mm long, diameter 60 mm · Orange	1 item

Cable safe 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

Art. no.	Version	Unit
Cable safe box, IP64		
904.100	· Designed for cable diameters of H05VV - F3G 1.5 mm2 · to H07RN-F3G1.5 mm² · Light grey · UV-resistant · Suitable for e.g. entire Smart Line 3 x range · Usable surface: 85 mm deep, 275 mm wide	1 item

Cable box set, IP44	
For connecting cables	
924.351	· 230 V AC, 16 A, IP44, cable types up to H07RN-F 3G 2.5 · Colour: Black, set in plastic bag: 1 x cable box, 2 x cable grommet, 1 x stopper

Earthing contact extension cable, 16 A / 250 V~ , rubber, 70 °C

· End 1: Central plug with earthing contact
· End 2: Earthing contact coupling with cover

Art. no.	Version	Unit
Earthing contact extension, cable: H05RR-F3G 1.50 mm²		
Length: 10 m		
343.179	· Black	1 item
Length: 25 m		
343.177	· Black	1 item

Earthing contact extension cable, 16 A / 250 V~ , IP44, rubber / neoprene, 70 °C

· End 1: Central plug with earthing contact
· End 2: Earthing contact coupling with cover
· Heavy duty version for outdoor use and on construction sites

Art. no.	Version	Unit
Earthing contact extension, cable: H07RN-F3G 1.50 mm²		
Length: 5 m		
343.170	· Black	1 item
Length: 10 m		
343.171	· Black	1 item
Length: 25 m		
343.172	· Black	1 item
Length: 50 m		
343.173	· Black	1 item
Earthing contact extension, cable: H07RN-F3G 2.50 mm²		
Length: 10 m		
343.191	· Black	1 item
Length: 25 m		
343.192	· Black	1 item

Earthing contact extension cable, 16 A / 250 V~ , IP44, rubber / neoprene, 70 °C

· 3-way rubber overhead coupling and hinged lid (IP44)
· End 1: Central plug with earthing contact
· End 2: 3-way rubber overhead coupling with hinged lid and standardised snap latch

Art. no.	Version	Unit
Earthing contact extension, cable: H07RN-F3G 1.50 mm²		
Length: 5 m		
343.174	· Black	1 item
Length: 10 m		
343.175	· Black	1 item
Length: 25 m		
343.176	· Black	1 item

Cable-carrying aid

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

Art. no.	Version	Unit
Cable-carrying aid		
394.179	· Orange	1 item

CEE extension cable, 16 A / 400 V ~ , rubber / neoprene, IP44, 70 °C

· End 1: CEE plug 16 A / 6 h / 400 V / End 2: CEE coupling 16 A / 6h / 400 V
· Suitable for use out of doors and on construction sites

Art. no.	Version	Unit
CEE extension cable, H07RN-F5G 1.5 mm²		
Length: 5 m		
344.170	· Black	1 item
Length: 10 m		
344.171	· Black	1 item
Length: 25 m		
344.172	· Black	1 item
CEE extension cable, H07RN-F5G 1.5 mm², with phase inverter		
Length: 10 m		
344.174	· Black	1 item
Length: 25 m		
344.175	· Black	1 item
CEE extension cable, H07RN-F5G 2.5 mm²		
Length: 5 m		
347.170	· Black	1 item
Length: 10 m		
347.171	· Black	1 item
Length: 25 m		
347.172	· Black	1 item

CEE extension cable, 16 A / 400 V ~ , rubber / neoprene, IP44, 70 °C

· End 1: CEE plug 16 A / 6h / 400 V / End 2: CEE coupling 16 A / 6h / 400 V
· Suitable for use out of doors and on construction sites
· 4.0 mm² extension for the use of up to 25 ° C ambient temperature

Art. no.	Version	Unit
CEE extension cable, H07RN-F5G 4.0 mm²		
Length: 5 m		
346.170	· Black	1 item
Length: 10 m		
346.171	· Black	1 item
Length: 25 m		
346.172	· Black	1 item
CEE extension cable, H07RN-F5G 6.0 mm²		
Length: 10 m		
348.171	· Black	1 item
Length: 25 m		
348.172	· Black	1 item

Two plug retainers to hold earthing contact plug when not in use

Includes thread and crank handle for easier winding of cable

Maximum protection against electrical hazard, fully insulated

Meistertrommel cable reel

The choice of the professional is the Bachmann Meistertrommel. The Meistertrommel keeps you on the safe side - with the assurance of Bachmann's renowned quality. To document this, every Meistertrommel is individually tested and issued with a certificate of inspection.

Meistertrommel cable reel

Art. no.	Version
Meistertrommel 4 x earthing contact (BGI608 compliant)	
Empty reel	
399.000	· 4 x socket outlet with earthing contact
25 m H07RN-F3G 1.5 mm², black	
399.003	· 4 x socket outlet with earthing contact with central earthing contact plug
Meistertrommel 4 x earthing contact (BGI608 compliant)	
40 m H07RN-F3G 1.5 mm², black	
399.004	· 4 x socket outlet with earthing contact with central earthing contact plug
50 m H07RN-F3G 1.5 mm², black	
399.005	· 4 x socket outlet with earthing contact with central earthing contact plug
40 m H07RN-F3G 2.5 mm², black	
399.006	· 4 x socket outlet with earthing contact with central earthing contact plug
Meistertrommel 3 x earthing contact, 1x CEE	
Empty reel	
399.007	· 3 x socket outlet with earthing contact · 1 x CEE socket outlet 16 A
25 m H07RN-F5G 2.5 mm², black	
399.009	· 3 x socket outlet with earthing contact · 1 x CEE socket outlet 16 A with CEE plug 16 A
Meistertrommel construction site cable Austria	
40 m XYMM-J3G 1.5 mm², yellow	
399.012	· 4 x socket outlet with earthing contact with central earthing contact plug
Meistertrommel other	
399.010*	· Empty reel with closed plate for configuration by user

The benefits at a glance

· Resistant to fuel and oil substances. Good resistance to chemicals. Weatherproof, no rust, no corrosion!
· Temperature stability range -15°C to +60°C
· IP54

Cable reel

Equipment supply reel with thermal cut-out

· Integrated cable winder and stop brake

Art. no.	Version	Unit
Empty reel, plastic, large, holds up to 50 m H05VV-F 3G 1.50 mm² cable		
397.003	· Wheel diameter 290 mm · Reel: Black	1 item

Cable reel, 4-way, 16 A / 250 V ~ , IP20

· 4 socket outlets with earthing contact 250 V ~ without lid

· Integrated 1-pole thermal safety switch

Art. no.	Version	Unit
Plastic cable reel, cable: H05VV-F 3G 1.50 mm²		
25 m		
392.180	· Central plug with dual earthing contact system · Cable: Black, reel: Black	1 item
50 m		
392.181	· Central plug with dual earthing contact system · Cable: Black, reel: Black	1 item
Plastic cable reel, cable: H05RR-F 3G 1.50 mm²		
25 m		
395.180	· Central earthing contact plug · Cable: Black, reel: Black	1 item
50 m		
395.181	· Central earthing contact plug · Cable: Black, reel: Black	1 item
Plastic empty reel, large, holds up to 50 m H05RR-F 3G 1.50 mm² cable		
396.181	· Wheel diameter 280 mm · Reel: Black	1 item
Sheet steel cable reel, cable: H05VV-F 3G 1.50 mm²		
25 m		
398.183	· Central plug with dual earthing contact system · Cable: Black, reel: Silver	1 item

Cable reel, 4-way, 16 A / 250 V ~ , IP20

· 4 socket outlets with earthing contact 250 V ~ without lid

· Integrated 1-pole thermal safety switch

Art. no.	Version	Unit
Sheet steel cable reel, cable: H05RR-F 3G 1.50 mm²		
25 m		
398.181	· Central earthing contact plug · Cable: Black, reel: Silver	1 item
50 m		
398.182	· Central earthing contact plug · Cable: Black, reel: Silver	1 item

Sheet steel empty reel, large		
396.182	· Wheel diameter 290 mm · Reel: Silver	1 item

Cable reel, 3-way, 16 A / 250 V ~

· 3 socket outlets with earthing contact 250 V ~ with hinged lid

· Integrated 1-pole thermal safety switch

· Splash-proof – for outdoor use

Art. no.	Version	Unit
Plastic cable reel, cable: H07RN-F 3G 1.50 mm²		
25 m, IP44		
392.182	· Central earthing contact plug · Cable: Black, reel: Black	1 item
40 m, IP44		
392.183	· Central earthing contact plug · Cable: Black, reel: Black	1 item
Plastic empty reel, cable up to max. 40 m		
396.183	· Wheel diameter 280 mm · Reel: Black	1 item

Sheet steel cable reel, cable: H05RR-F 3G 1.50 mm²		
50 m, IP20		
398.186	· Central earthing contact plug · Cable: Black, reel: Silver	1 item
Sheet steel cable reel, cable: H07RN-F 3G 1.50 mm²		
40 m, IP44 Iron Coat series		
398.180	· Central earthing contact plug · Cable: Black, reel: Silver	1 item
Sheet steel empty reel, holds up to 40 m cable		
396.187	· Wheel diameter 280 mm · Reel: Silver	1 item

Professional cable reel

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

- 3 earthing contact socket outlets with hinged lid
- Integrated 1-pole thermal safety switch
- Dual tubular frame
- Reel body made from unbreakable special plastic

Art. no.	Version	Unit
Professional cable reel, cable: H07RN-F 3G 1.50 mm² (BGI608 compliant)		
25 m		
399.181	· Central earthing contact plug · Cable: Black, reel: Black	1 item
40 m		
399.182	· Central earthing contact plug · Cable: Black, reel: Black	1 item
Empty reel, holds up to 40 m H05RN-F 3G 1.50 mm² cable		
396.184	· Wheel diameter 280 mm · Reel body made from unbreakable plastic, black	1 item

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

- 1 CEE socket outlet 16 A / 400 V
- 2 socket outlets with earthing contact 250 V ~ with hinged lid
- Built-in 3-pole thermal cut-out
- Dual tubular frame

Art. no.	Version	Unit
Professional cable reel, cable: H07RN-F 5G 1.50 mm² (BGI608 compliant)		
25 m		
399.180	· CEE plug 16 A / 400 V ~ · Reel body made from unbreakable plastic · Cable: Black, reel: Black	1 item
Professional cable reel, cable: H07RN-F 5G 2.50 mm² (BGI608 compliant)		
40 m		
399.186	· CEE plug 16 A / 400 V ~ · Reel body made from unbreakable hard rubber · Cable: Black	1 item

The benefits at a glance

- Splash water protection IP44
- Integrated thermal cut-out
- For outdoor use

Cable reel with portable RCD, 3-way

· 3 earthing contact socket outlets with hinged lid and built-in 1-pole thermal cut-out

· Dual tubular frame, reel body made from unbreakable hard rubber

Art. no.	Version	Unit
PRCD cable reel, cable: H07BQ-F 3G 1.50 mm²		
25 m		
398.200	· Earthing contact plug 16 A/30 mA · Cable: Orange, reel: Black	1 item

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

· 4 earthing contact socket outlets with hinged lid, with 1-pole thermal cut-out

· Dual tubular frame, reel body made from unbreakable hard rubber

Art. no.	Version	Unit
Professional cable reel, cable: H07RN-F 3G 2.50 mm² (BGI608 compliant)		
50 m		
399.189	· Central earthing contact plug · Cable: Black	1 item

Replacement parts for cable reels

Art. no.	Version	Unit
Thermal cut-out		
1-pole (suitable for all cable reels, page 290 - 293)		
900.180	· Red	1 item
3-pole		
900.181	· Red	1 item
Socket insert		
4-way, with thermal cut-out		
900.187	· Black	1 item
3-way with cover with thermal protection		
910.105	· Cover: Red, plate: Black	1 item
2 x socket outlets with earthing contact, 1 x CEE socket outlet 16 A/400 V~		
2-way with hinged lid, without thermal cut-out		
910.106	· Cover: Red, plate: Black	1 item

SELLY cable reels

Cable reels

Art. no.	Version
Cable reel	
SELLY	
392.189	· 25 m H05VV-F 3G 1.5 mm² · IP20 · 4 x socket outlet with earthing contact · Plastic · INTERTEK/GS/S/CE test marks
392.190	· 50 m H05VV-F 3G 1.5 mm² · IP20 · 4 x socket outlet with earthing contact · Plastic · INTERTEK/GS/S/CE test marks
392.191	· 40 m H07RN-F 3G 1.5 mm² · IP44 · 4 x socket outlet with earthing contact · Sheet steel · INTERTEK/GS/S/CE test marks

Cable box, 4-way, 16 A / 250 V ~

· 4 earthing contact socket outlets with built-in thermal cut-out, 1-pole

· Right angle plug with dual earthing contact system, version with handle and winding crank

Art. no.	Version	Unit
Cable box, cable: H05VV-F 3G 1.50 mm²		
10 m		
393.002	· Maximum load: 3500 W fully unwound, 1200 W fully wound · Shuttered · Cable: Black, box: Black	6 items
Cable box, cable: H05VV-F 3G 1.50 mm²		
20 m		
393.006	· Highly unbreakable construction · Maximum load: 3500 W fully unwound, 1000 W fully wound · Cable: Black, box: Black / blue	1 item

Cable reel, 4-way, 16 A / 250 V ~ / IP44

Art. no.	Version	Unit
Cable reel with automatic spring rewind		
15 m		
392.187	· Cable H07RN-F 3G 1.5 with socket outlet with earthing contact · 4-way power strip with hinged lid · 230 V / 16 A / max. 3500 W unwound and 1000 W wound · VDE thermal cut-out · With plastic handle, plastic frame; colour: Blue	1 item

Solid rubber distributor, IP44

Art. no.	Version	Unit
Solid rubber distributor		
2.0 m supply cable H07RN-F5G 6.00 mm²		
349.020	· Input: - 1 x CEE plug 32 A / 400 V ~ · Output: - 1 x CEE plug 32 A / 400 V ~ - 2 x CEE plug 16 A / 400 V ~ - 3 x socket outlet with earthing contact 16 A / 250 V ~ · Protection: - 1 x MCB 16 A / 3-pole - 3 x MCB 16 A / 1-pole - 1 x RCD 40 A / 0.03 A / 4-pole on all outputs	1 item
2.0 m supply cable H07RN-F3G 2.50 mm²		
349.185	· Input: - 1 x solid rubber socket outlet with earthing contact 16A/250V~ · Output: - 6 x socket outlet with earthing contact 16 A / 250 V ~	1 item
2.0 m supply cable H07RN-F5G 2.50 mm²		
349.184	· Input: - 1 x CEE plug 16 A / 400 V ~ · Output: - 1 x CEE plug 16 A / 400 V ~ - 3 x socket outlet with earthing contact 16 A / 250 V ~	1 item
Distributor socket outlet, 4 x socket outlet with earthing contact		
349.044	· IP44 4-way distributor socket outlet with hinged lids · 10.0 m H07RN-F 3G 1.5 mm² with socket outlet with earthing contact	1 item
Distributor socket outlet, 3 x socket outlet with earthing contact		
with switch		
349.045	· IP44 3-way distributor socket outlet with hinged lids and switch · 1.5 m H07RN-F 3G 1.5 mm² with socket outlet with earthing contact	
Distributor socket outlet, 5 x socket outlet with earthing contact		
with switch		
349.046	· IP44 5-way distributor socket outlet with hinged lids and switch · 4.5 m H07RN-F 3G 1.5mm² with socket outlet with earthing contact	

IP44 power strip

Art. no.	Version	Unit
3-way earthing contact power strip with covers		
IP44; 230V, 16 A		
381.109	· Design: DIN 49 440 part 1 · With attachment eye and four fixing points · Solid elastomer version	1 item

Current limiter and current meter

Art. no.	Version	Unit
Start inrush current limiter		
230 V 1-phase, IP44		
349.017	· Input: 1.5 m cable H07RN-F 3G 1.5 with earthing contact plug, black · Output: 1 x socket outlet with earthing contact 230 V / 16 A, 3-pole · Suitable for MCB 16 A characteristic B, C	1 item
400 V 3-phase		
349.018	· Input: 1.5 m cable H07RN-F 5G 1.5; with CEE plug 400 V/16 A 5-pole · Output: 1 x CEE socket 400 V / 16 A, 5-pole · Suitable for MCB 16 A characteristic C, D	1 item
Current meter MID 230V		
349.019	· Input: 1 x 1.5 m H07RN-F 3G2.5 with earthing contact plug · Output: 1 x 1.5 m H07RN-F 3G2.5 with earthing contact coupling · Integrated current meter and operating hours counter · MID counter, calibrated and sealed, cannot be reset · Housing made from special unbreakable plastic	1 item

CEE distributor, 250 V ~ / 400 V ~ , IP44

· Highly unbreakable plastic construction, splash water protected

· Ideal for mobile use out of doors

· With practical cable rewind and integral carrying handle

Art. no.	Version		Unit
CEE distributor			
2.0 m supply cable H07RN-F5G 2.50 mm²			
349.008	· Input:	- 1 x CEE plug 16 A / 400 V ~	1 item
	· Output:	- 2 x CEE plug 16 A / 400 V ~	
		- 4 x socket outlet with earthing contact 16 A / 250 V ~	
CEE distributor with protection			
4.0 m supply cable H07RN-F5G 2.50 mm²			
349.009	· Input:	- 1 x CEE plug 32 A / 400 V ~	1 item
	· Output:	- 1 x CEE plug 32 A / 400 V ~	
		- 1 x CEE plug 16 A / 400 V ~	
		- 4 x socket outlet with earthing contact 16 A / 250 V ~	
	· Protection:	- 1 x C16 A circuit breaker, 3-pole	
		- 2 x C16 A circuit breaker, 1-pole	
349.010	· Input:	- 1 x CEE plug 32 A / 400 V ~	1 item
	· Output:	- 1 x CEE plug 32 A / 400 V ~	
		- 1 x CEE plug 16 A / 400 V ~	
		- 4 x socket outlet with earthing contact 16 A / 250 V ~	
	· Protection:	- 1 x RCD 40 A / 0.03 A / 4-pole on all outputs	
		- 1 x C16 A circuit breaker, 3-pole	
		- 2 x C16 A circuit breaker, 1-pole	
	· IP44		
CEE distributor with protection			
Supply cable: 2 m H07RN-F 5G4 2.50 mm²			
349.011	· Input:	- CEE plug 400 V / 32 A / 5-pole	1 item
	· Output:	- 2 x CEE socket outlet 400 V / 32 A / 5-pole	
		- 2 x CEE socket outlet 400 V / 16 A / 5-pole	
		- 4 x socket outlet with earthing contact 230 V / 16 A	
	· Protection:	- 1 x RC circuit breaker 40A, 30mA, 4-pole	
		- 2 x C16 A circuit breaker, 1-pole	
		- 1 x C16 A circuit breaker, 3-pole	
	· Housing made of special shatter-proof plastic and carrying handle		
	· IP44		

Power distributors are not suited to use as construction power distributors or for heavy-duty work on the construction site.

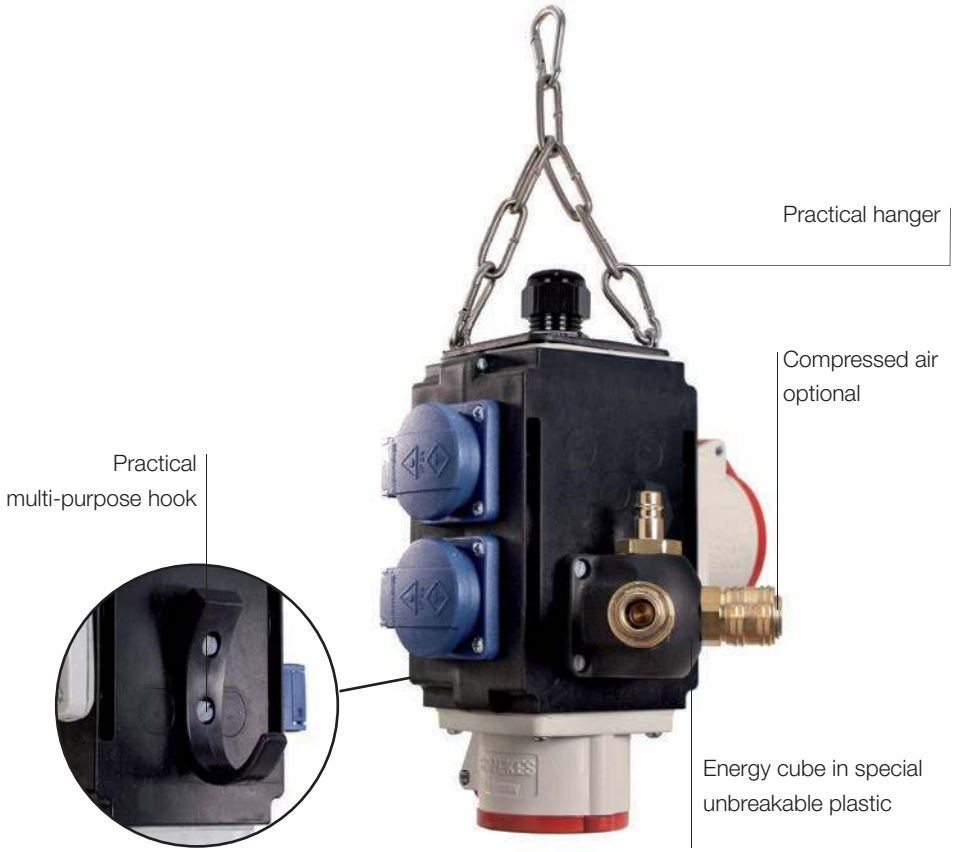
CEE adaptor, 400 V~, IP44

- Highly unbreakable plastic construction, splash water protected
- For outdoor use, hanger included

Art. no.	Version	Unit
CEE adaptor		
349.012	· Input: 1 x CEE plug 16 A / 400 V~ · Output: 1 x CEE plug 32 A/400 V~	1 item
349.006	· Input: 1 x CEE plug 16 A / 400 V~ · Output: 1 x CEE plug 16 A / 400 V~ 1 x CEE plug 32 A/400 V~ 2 x socket outlet with earthing contact 250 V~	1 item
349.028	· Input: 1 x CEE plug 16 A / 400 V~ · Output: 3 x socket outlet with earthing contact 16 A / 250 V~	1 item
349.029	· Input: 1 x CEE plug 16 A / 400 V~ · Output: 1 x CEE socket outlet 16 A/400 V~ 3 x socket outlet with earthing contact 16 A/250 V~	1 item
Protection: 3 x 10 A fuse		
349.183	· Input: 1 x CEE plug 32 A/400 V~ · Output: 1 x CEE socket outlet 16 A/400 V~	1 item
Protection: 3 x 10 A fuse		
349.007	· Input: 1 x CEE plug 32 A/400 V~ · Output: 1 x CEE socket outlet 16 A/400 V~ 1 x CEE socket outlet 32 A/400 V~ 1 x socket outlet with earthing contact 250 V~	1 item
CEE adaptor with 1.5 m supply cable: H07RN-F5G 1.5 mm²		
Screwed / rewireable		
349.027	· Input: - 1 x CEE plug 16 A/400 V~ · Output: 3 x socket outlet with earthing contact 250 V~	1 item
Screwed / rewireable		
349.035	· Input: 1 x CEE plug 16 A/400 V~ · Output: 3 x CEE socket outlet 16 A/400 V~	1 item

Replacement parts

- Fuse socket for CEE adaptor 900.1086
- Fuse holder for CEE adaptor 900.1061
- Miniature fuse



Energy cube

Wired ready for use

· Cable entry with screw fitting

· Offers high flexibility and more freedom of movement,

e.g. in workshops and assembly areas

Art. no.	Version
Energy cube 4 x earthing contact	
For cable diameter 3 x 1.5 mm² – 5 x 1.5 mm²	
349.300	· 4 x socket outlet with earthing contact 16A/230V
349.301	· 4 x socket outlet with earthing contact 16A/230V · 1 x compressed air supply with ½" input and 2 x ½" output
Energy cube 1 x CEE, 4 x earthing contact	
For cable diameters 5 x 1.5 mm² – 5 x 2.5 mm²	
349.302	· 1 x CEE socket outlet 16A/400V, 5-pole · 4 x socket outlet with earthing contact 16A/230V
349.303	· 1 x CEE socket outlet 16A/400V, 5-pole · 4 x socket outlet with earthing contact 16A/230V · 1 x compressed air supply with ½" input and 2 x ½" output
Energy cube 2 x CEE, 2 x earthing contact	
For cable diameters 5 x 1.5 mm² – 5 x 4 mm²	
349.304	· 2 x CEE socket outlet 16A/400V, 5-pole · 2 x socket outlet with earthing contact 16A/230V

Energy cube

Art. no.	Version	Unit
Energy cube with data connection		
IP44		
349.310	· 4 x socket outlet with earthing contact 16 A/230V · 1 x CEE socket outlet 16 A · 1 x compressed air point with 1/2" input · 2 x 1/2" compressed air output · 1 x IP67 data outlet with 2 x RJ45 Cat.6 module · Cable entry with screw fitting from 5Gmm² 1.5 to 5Gmm² 2.5 · Made from special unbreakable plastic · Wired ready for use	1 item
349.311	· 2 x socket outlet with earthing contact 16 A/230 V · 2 x CEE socket outlet 16 A · 1 x compressed air point with 1/2" input · 2 x 1/2" compressed air output · 1 x IP67 data outlet with 2 x RJ45 Cat.6 module · Cable entry with screw fitting from 5G 2.5mm² to 5G 4mm² · Made from special unbreakable plastic · Wired ready for use	1 item
CEE adapter with MCB		
IP44		
349.013	· Adapter CEE 400 V · Input: 1 CEE plug 32A; output: 1 CEE socket outlet 16 A · Rubberised housing · Protection: 1 x C16A circuit breaker, 3-pole	1 item

CEE wall combination socket, 400V~/6h/5-pole, IP44, according to IEC 309

Art. no.	Version	Unit
CEE wall combo outlet (must be fitted by a qualified technician)		
1 x CEE wall socket 400V~, 1 x socket outlet with earthing contact 250V~		
· Polycarbonate version with cable kink protection, splash-proof		
910.002	· 16A · Red	1 item

Battery-powered LED handheld lamps

The benefits at a glance

- LED technology offers very long service life
- Battery operation for flexibility
- Approx. 4 hours of lighting from one battery charge
- Charge time approx. 4 hours
- 230 V AC and 12 V DC charger included
- LEDs are shock resistant
- Minimal heat generation

Battery-powered LED handheld lamp

Magnet holder

Plastic

Includes 230 V~ mains adaptor

Individually blister packaged

6 cm in diameter

Art. no.	Version	Unit
Battery-powered LED handheld lamp		
With in-vehicle charger		
394.188	· 60 LEDs 3.6W with 1 magnet holder, length 42 cm	20 items
394.190	· 160 LEDs 9.6W with 2 magnet holder, length 53.5 cm	20 items
PROFESSIONAL battery-powered LED handheld lamp		
394.191	· 60 + 17 LEDs for torch function, with 2 magnet holders · Including 12 V charging cable for cigarette lighter in car	20 items

Art. no.	Version
LED spotlight Magnum Future	
With SMD LED	
720.035	32W, 250V, IP44 2 x socket outlet with earthing contact on back
Battery-powered LED spotlight 10W	
With Li-Ion battery	
720.036	IP54, 10W Samsung LED chip, energy efficiency class A+ with 230 V mains adaptor and 12 V in-vehicle charge cable
Battery-powered LED spotlight 20W	
With Li-Ion battery	
720.037	IP54, 20W Samsung LED chip, energy efficiency class A+ with 230 V mains adaptor and 12 V in-vehicle charge cable

Stick lamp, 8 W, IP20

- 8 W fluorescent lamp
- Not interchangeable. With built-in reflector
- Electronic ballast unit built into the handle, 50 HZ
- Plastic construction with shock resistant protection tube and rotatable hook
- 5.0 m H05VV-F 2 x 0.75 mm² supply cable with Euro plug 2.5 A
- IP20, including illuminant

Art. no.	Version	Unit
Stick lamp		**Length without hook: 46.5 cm**
IP20		
394.184	· Black · dia. 1.5 cm	1 item

Professional stick lamp with energy saving lamp 11 W / 250 V~, IP54

- 11 W energy saving lamp
- Interchangeable, antiglare, pleasant light
- Oil resistant rubber version with shock resistant protection tube
- Integrated reflector and stable suspension hooks
- 5.0 m H05RN-F 2 x 1.00 mm² rubber cable with contour plug
- Splash-proof and dustproof design
- Including light bulb (Dulux S 11 Watt)

Art. no.	Version	Unit
Professional stick lamp		**Length/width: 40 cm / 4.5 cm**
IP54, protection class II, double insulated		
720.006	· Black	1 item

Rubber hand lamp, 250 V~, IP44

- E27 holder, max 100W
- Interchangeable, with protective glass
- Oil resistant rubber design
- Metal basket with integrated hook, light bulbs not included

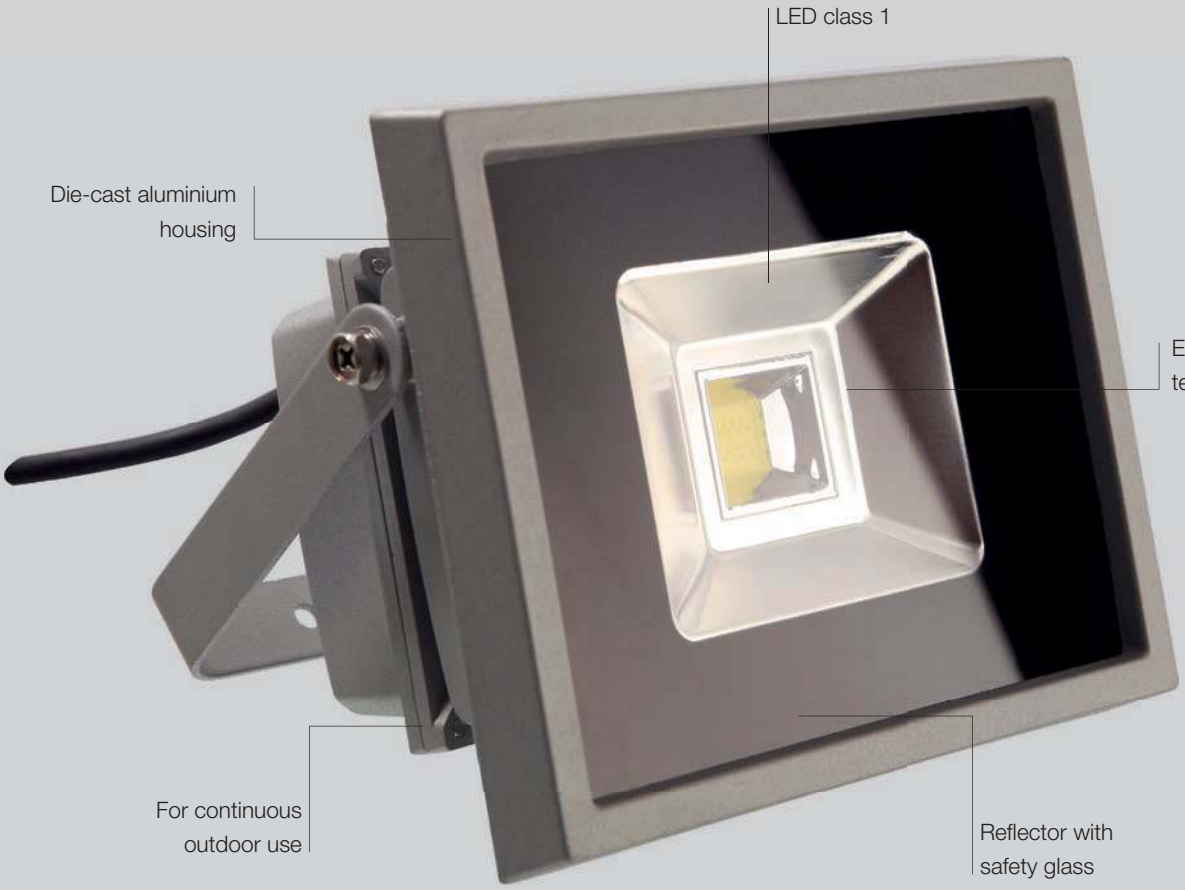
Art. no.	Version	Unit
Rubber hand lamp		**Length/width: 40 cm / 4.5 cm**
IP44, protection class II, double insulated		
394.183	· 5.0 m H05RN-F 2 x 1,0 mm² supply cable with plug · Black	1 item
IP 40, without cable		
394.187	· Black	1 item
Replacement glass		
910.1011	· Protection glass	1 item

Halogen spotlight 120 W with earth spike, 16 A / 230 V~, IP44

Art. no.	Version	Unit
Halogen spotlight		
IP44		
· 2.0 m cable: H05RN-F 3G 1.00 mm² with right-angle plug with earthing contact · Aluminium cast housing with cooling surface · Lamp holder can be turned and pivoted · Including light bulb		
394.181	· Black	1 item

E27 holder with earth spike, 16 A / 230 V~, IP44

Art. no.	Version	Unit
E 27 holder with earth spike		
IP44		
· 2.0 m cable: H05RN-F 2 x 1.00 mm² with contour plug · Plastic housing with seal, splash-proof · Lamp holder can be pivoted · For use only with PAR38 80W light bulb (not included)		
720.000	· Black	1 item



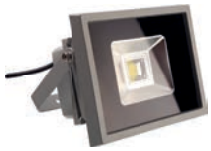
LED spotlight

The benefits at a glance

- LED class 1
- LED technology offers very long service life
- Low power consumption
- Minimal heat generation
- Shock-resistant
- Robust die-cast aluminium housing
- Practical hanging, positioning and fixing options

LED spotlight

Art. no.	Version	Unit
Chip LED spotlight		
	· LED class 1 · Beam angle 120° · Die-cast aluminium housing · Lockable reflector, can be pivoted, with safety glass · IP65	
50 W with LED chip; 220 - 240 V / 50 - 60 Hz		
720.025	· approx. 3600 lumen, colour temperature 6400K · 2 m supply cable H07RN-F 3G 1.5 with earthing contact plug	1 item
80 W with LED chip; 220 - 240 V / 50 - 60 Hz		
720.026	· approx. 7000 lumen, colour temperature 6400K · 2 m supply cable H07RN-F 3G 1.5 with earthing contact plug	1 item
Mobile power LED spotlight		
20 W with frame; 220 - 240 V / 50 - 60 Hz		
720.027	· approx. 1600 lumen, colour temperature 6400K · 2 m supply cable H07RN-F 3G 1.0 with earthing contact plug · LED class 1 · Beam angle 60° · Die-cast aluminium housing · Lockable reflector, can be pivoted, with safety glass · IP65	1 item
Professional power LED spotlight		
	· LED class 1 · Beam angle 60° · Die-cast aluminium housing · Lockable reflector, can be pivoted, with safety glass	
12 W; 220 - 240 V / 50 - 60 Hz		
720.028	· approx. 960 lumen, colour temperature 6400K · 2 m supply cable H05RN-F 3G 1.0mm^2 · IP65	1 item
12 W; 220 - 240 V / 50 - 60 Hz		
720.029	· approx. 960 lumen, colour temperature 6400K · Without supply cable · Metal cable inlet for cables up to 3G 1.5mm^2 · IP65	1 item
12 W with motion detector; 220 - 240 V / 50 - 60 Hz		
720.030	· approx. 960 lumen, colour temperature 6400K · Without supply cable · Metal cable inlet for cables up to 3G 1.5mm^2 · IP44 · Motion detectors: Range max. 12 m · Time adjustable from 9 sec to 10 min · Integrated dawn switch	1 item
7 W with earth spike; 220 - 240 V / 50 - 60 Hz		
720.031	· approx. 560 lumen, colour temperature 6400K · 1.5 m supply cable H05RN-F 3G 1.0mm^2 with socket outlet with earthing contact · IP65	1 item



Professional work lamp

For use on construction sites

The benefits at a glance

- Uses energy-efficient fluorescent lamps
- Includes 4000 kelvin illuminant
- Splash-proof and dust-resistant construction, IP44, protection class ||
- Infinitely adjustable support bracket for positioning
- Can be stand mounted
- Version with integrated earthing contact socket outlets

Professional work lamp

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

Art. no.	Version	Unit
Professional work lamp		**Black**
720.022	· 36 W (2 x 18W), 2900 lumen, without earthing contact socket outlet · 34 x 23 x 11 cm	1 item
720.020	· 72 W (2 x 36 W), 5800 lumen, with 2 socket outlets with earthing contact · 49.5 x 28.5 x 11 cm	1 item
720.021	· 108 W (3 x 36 W), 8,700 lumen, with 1 socket outlets with earthing contact · 55 x 29 x 11 cm	1 item

Professional stand

- Robust tripod construction, zinc-plated, with mounting plate, fixing screws and practical automatic cable rewind
- Height adjustable up to 2.50 m
- Weight: 6 kg

Art. no.	Version	Unit
Professional stand		**Silver**
730.004	· Robust construction finished in silver	1 item

Art. no.	Version	Unit
LED spotlight Magnum Future		
With SMD LED		
720.035	· 32 W, 250 V, IP44 · 2 x socket outlet with earthing contact on back	1 item

Mobile halogen lamp, 400 W, IP44

Art. no.	Version	Unit
Mobile halogen lamp		
IP44		
	· 2 m cable: H05VV-F3G 1.00 mm² with plug	
	· 400 W R7S halogen bulb included	
	· Aluminium cast housing with cooling surface	
	· Continuously adjustable frame in black with carrying handle	
720.013	· Black	1 item

Halogen lamp with stand, 1 x 400 W, IP44

Art. no.	Version	Unit
Mobile halogen lamp		
IP44		
	· 2 m cable: H05VV-F3G 1.00 mm² with plug	
	· 400 W R7S halogen bulb included	
	· Aluminium cast housing with cooling surface	
	· Stand with aluminium cast articulation, height adjustable up to 2 m	
	· With practical cable rewind	
	· For use outside	
722.009	· Stand colour yellow, load 5 - 7 kg · Mobile halogen lamp	1 item

Lamp holders

Art. no.	Version	Unit
Lamp holder, pre-wired		
E 27		
	· 60 W plastic E 27 holder	
	· 0.2 m H03VV-F2 x 0.75 mm²	
	· Black	
	· Delivery in units of 20 only	
641.170	· With 2-pole lustre terminal block	20 items
641.171	· With clamp terminal	20 items

MAXI series 1000 silicone housing

· For halogen cold light mirror lamps, diameter 51 mm, 12 V~, maximum 35 W

· Do not use Cool Beam light bulbs

· Triple insulation, with cable, light bulbs not included

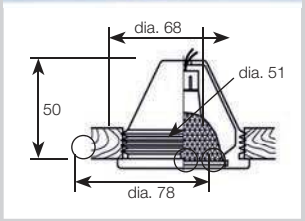
Art. no.	Version	Unit
MAXI series 1000 silicone housing		
With ceramic lamp holder		
924.224	· Transparent	1 item
924.225	· White	1 item
With ceramic lamp holder, supplied in bags of 50, loose		
924.332	· White	500 items
Without ceramic lamp holder, supplied in bags of 50, loose		
924.334	· White	500 items

Series 1002 decorative rings		
For MAXI series 1000 silicone housing		
· Dimensions: inner 5 cm, outer 8 cm		
924.231	· Chrome	20 items
924.250	· Matt brushed stainless steel	20 items

MAXI silicone housing for low-voltage recessed halogen spotlights

The MAXI silicone housing consists of a high-tech, high temperature-resistant elastomer with exceptional 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
· Patented
· Quick and easy to assemble and dismantle
· No component mounting
· Light bulbs changed without tools
· No troublesome metal rings
· Can also be used for shops and exhibition stands (to match decor!)
· Quick mounting technology
· Mounting without springs

Can be fitted in:
· Solid materials in different thicknesses
· Fragile materials such as
· plasterboard, fibreboards, chipboards, etc.



Series 1000 silicone recessed spotlight housing		
MAXI silicone recessed spotlight housing for high-voltage halogen and LED light bulbs		
924.350	· For GU10 halogen lamp D:51 mm, 230 V · Max. 35 W or GU10 230 V LED lamp up to 5 W, colour: White	
924.352	· For GU10 halogen lamp D:51mm, 230V · Max. 35 W or GU10 230 V LED lamp up to 5 W, colour: Transparent	

Personal circuit breakers

Personal circuit breakers with protective conductor monitoring

Recommended by the German Employers' Liability Association:
Designed as an intermediate device on power cords, this is a portable differential current protection device that isolates all poles and features electronic residual current evaluation. For alternating, pulsed DC and phase-controlled rated residual currents of 10 or 30mA. With undervoltage tripping, protective conductor recognition and monitoring as well as external voltage detection. When the PRCD-S detects an external voltage on the protective conductor, it does not interrupt this conductor. This allows the external current to trip its own upstream RCD or MCB protectors.

Mobile protective switching device PRCD-S 230 V~, 16 A, 30 mA extension cable, IP44

· Cable lengths: plug – PRCD-S: 0.15 m, PRCD-S – coupling: 3.0 m

· Mobile safety device PRCD-S assembled with cable H07RN-F 3G 1.5 mm2

· Supplied in a robust case

Art. no.	Version	Unit
Mobile PRCD-S personal circuit breaker		
1 x protective conductor monitoring		
· End 1: Solid rubber right angle plug with 2 earthing contact systems · End 2: Solid rubber coupling with cover, protection type IP44		
919.014	· Black	1 item
1 x protective conductor monitoring		
· End 1: Solid rubber right angle plug with 2 earthing contact systems · End 2: Solid rubber coupling, 3-way with cover, protection type IP44		
919.015	· Black	1 item

PRCD-S 230 V~, 16 A, 30 mA, IP55

· Terminal cross-section 1 mm² - 2.5 mm²

· Test marks by BG (German employers' liability association), Cologne SEV, VDE, GS

Art. no.	Version	Unit
PRCD-S		
1 x protective conductor monitoring		
· PRCD-S · 30 mA rated residual current		
919.016	· Black	1 item

PRCD-K 230 V~, 16 A, 30 mA, IP55

· Terminal cross-section 1 mm² - 2.5 mm²

· Test marks VDE, TÜV, GS

Art. no.	Version	Unit
PRCD-K		
1 x differential current protection device 1 x undervoltage tripping device		
919.018	· Black	1 item

The benefits at a glance

· Specially designed as a protective distributor for small construction sites as recommended by the BGFE employers' liability association, Cologne (ZH1 / /271), and for all portable electrical equipment.
· Can be used irrespective of connector system
· Undervoltage tripping
· Offers protection as specified by DIN VDE 0661 in the event of a fault in the connected equipment. Fault currents arising from faulty consumers will cause the PRCD-S to interrupt all poles
· For system faults in the fixed installation, The PRCD-S detects all faults in the fixed installation and cannot then be switched on.

PRCD ADAPTOR 16A/250V~/50Hz/3680W

· 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

Art. no.	Version	Unit
PRCD adaptor		
Plug with PRCD, hinged lid, IP44		
919.284	· White	50 items

PRCD mounting plug		
Plug with PRCD, IP44		
919.183	· Suitable for up to H05RNF-F3 1.5 mm² rubber cable · Black	50 items

PRCD personal circuit breaker 16A/250V~/3600W

· 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 earth (PE) conductor is not interrupted

Art. no.	Version	Unit
PRCD personal circuit breaker		
IP55		
919.190	· Tripping current < 10mA < 30mA · Tripping time < 10ms · Black · no protective conductor monitoring	1 item
IP55		
919.189	· Tripping current < 30mA · Tripping time < 30ms · Black · protective conductor monitoring	1 item

Earthing contact extension cable with PRCD 16A/250V~/3600W

· 3.0 m HO7BQ-F3G 1.5 mm², with PRCD personal circuit breaker 919.189 fitted at approx. 1.5 m

· Individually packed in plastic bag

Art. no.	Version	Unit
Earthing contact extension cable		
IP55, with PRCD 919.189		
341.880	· End 1: Mounting plug 913.173 · End 2: Mounting coupling 919.177 · Black / orange	1 item

Cable reel with portable RCD, 3-way

· 3 earthing contact socket outlets with hinged lid and thermal cut-out, 1-pole

· Reel body made from unbreakable hard rubber

Art. no.	Version	Unit
PRCD cable reel, cable: H07BQ-F 3G 1.50 mm²		
25 m		
398.200	· Earthing contact plug 16A/30mA · Cable: Orange, reel: Black	1 item

Overvoltage protection adaptor 16 A / 230 V ~ / 50 Hz / 3680 W

Art. no.	Version	Unit
Plug-in overvoltage protection adaptor		
1 x overvoltage protection adaptor with visual function and fail indicator (100 x 56.5 x 76 mm)		
919.003	· Silver · Short-circuiting resistance to 4.5 kA · Maximum peak current 4500 A for pulses of 8 / 20 µ · Maximum overvoltage: 6000 V · Max. energy intake: 165 J for pulses of 10 / 100 µ Response time < 1 ns · Shuttered	1 item
1 x overvoltage protection adaptor (177.9 x 62 x 33 mm)		
919.005	· With 8-level LED overload indicator, IP 20 · Visual function and fail indicator · White	1 item

Energy measuring instrument 160 - 250 V~

Art. no.	Version	Unit
Energy measuring instrument E		
852.9821	· Large LC display with blue background light · Digital display of electricity consumption, energy costs etc. · (can be programmed with 2 separate tariffs), voltage (V), current (A), effective power (W) · Meter for power and cost, can be reset · Nominal power 3860 W, consumption <1 W · White	1 item

Mechanical timer switches

- Mechanical timer switches, 24h, 16 A/230V~/3680 W:
- Plastic version, shuttered, easy to use,
- operating manual included

Art. no.	Version
Mechanical timer switch	
852.101	· White · Shortest switching interval: 15 minutes · 96 switch-on and switch-off times per day (24 h) · 121 x 74 x 76 mm (L x W x H)

Mechanical timer switch IP44	
1 x splash water protection (IP 44)	
852.102	· With transparent hinged lid · Suitable for use in damp environments · Operating temperature range: -25 °C to +55 °C · Shortest switching interval: 15 minutes · 96 switch-on and switch-off times per day (24 h) · 150 x 74 x 82 mm (L x W x H)

Mini timer switch (mechanical)	
852.104	· White · Shortest switching interval: 30 minutes · 48 switch-on and switch-off times per day (24 h) · Switch to override timer function · 103 x 54 x 70 mm (L x W x H)

Digital timer switch, 24 h, 16A/230V~/3680W

- Plastic version with LCD, shuttered, easy to operate, operating manual included, integrated, rechargeable battery, smallest possible switching distance: 1 minute
- Programmable by the day or by the week, built-in random generator, countdown function, resettable

Art. no.	Version
Digital timer switch	
852.103	· White · 120 x 64 x 76 mm (L x W x H)

Travel plug adapter 16A/250V~

- Earthing contact system adaptor with storage bag and interchangeable country adaptors
- Suitable for:

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

Art. no.	Version	Unit
Travel plug adaptors		
Protection class 1		
914.670	· Multicoloured	10 items

Note: Adaptors are not voltage transformers. They are not suitable for long-term use.

KEMA approved

Travel plugs, 3-pole

Art. no.	Version	Unit
Travel plug adaptors		
1 x earthing contact with 5 country-specific inserts		
914.672	· Black, with travel pouch · The only travel plug approved by KEMA · Italy, UK, Ireland, Africa, Asia · USA, Canada, Japan, Switzerland, Liechtenstein · China, Australia, New Zealand	10 items

Travel plugs, 3-pole

· Socket side: Earthing contact

· Plug colour: white

Art. no.	Version	Unit
Travel plug 15 A / 125 V~	**USA / earthing contact**	
3-pole		
921.004	· Plug pins: USA	10 items

Travel plug 16 A / 250 V~	**France / earthing contact**	
3-pole		
921.005	· Plug pins: France, Belgium, Czech Republic, Poland	10 items

Travel plug 13 A / 250 V~	**UK / earthing contact**	
1 x miniature fuse, 3-pole		
921.010	· Plug pins: UK / Ireland / Malta / Hong Kong / Cyprus · Includes miniature 13 A fuse, interchangeable	10 items
900.1077	· Replacement fuse / 13 A miniature fuse, 3,3 x 254 mm (fast acting)	1 item

Travel plug 10 A / 250 V~	**Switzerland / earthing contact**	
3-pole		
921.011	· Plug pins: Switzerland	100 items

Adaptors for the earthing contact system

Art. no.	Version	Unit
Travel plugs 10 / 16 A / 250 V~	**Grey, earthing contact / universal**	
2-pole and 3-pole		
· Plug pin side: Earthing contact / Germany / France / Belgium, with dual earthing contact system		
921.000	· Socket: universal, suitable for all standard plugs · Worldwide, shuttered	10 items

Travel plugs 15 A / 125 V~	**White, earthing contact / USA**	
3-pole		
· Plug pin side: Earthing contact / Germany / France / Belgium, with dual earthing contact system		
921.003	· Socket: USA	10 items

Travel plugs 10 A / 250 V~	**White, earthing contact / Switzerland**	
3-pole		
· Plug pin side: Earthing contact / Germany		
921.012	· Socket: Switzerland	10 items

Note: Adaptors are not voltage transformers. They are not suitable for long-term use.

SKROSS

Voyage of global discovery.

reddot design award winner 2010

DESIGNED IN SWITZERLAND

Travel plugs / travel adaptors

Art. no.	Version	Dimensions: (L x W x H)
SKROSS Travel plugs and adaptors		
World adaptor PRO, 100 - 250 V, max. 2200 W, white		
110.3118	· Suitable for all earthed and non-earthed Devices (2-pole and 3-pole) · Input end: Europe (earthing contact) · Slide-out connectors: Italy, Switzerland, UK, USA Australia/China · Integrated protection	· 72 x 54 x 57 mm

Art. no.	Version	Dimensions: (L x W x H)
SKROSS Travel plugs and adaptors		
World adaptor Pro USB, 3-pole & USB charging device, 100V-250V, max. 2200 W, USB 5V/max. 1300 mA		
130.2400	· Input end: Europe (earthing contact) · Slide-out connectors: Italy/Switzerland, UK, USA, Australia/China · Dual USB top for charging 2 USB devices at the same time · Integrated protection · USB output 5 V / 1300 mA	· 73 x 57 x 76 mm (incl. USB top)

Dryer · Smart phone · Shaver · MP3 player · Laptop · Camera · Game console · GPS · Camcorder · TabletPC

The benefits at a glance

· Patented "all-in-one" country-specific slider system
· Recipient of function and design awards
· Market leader for high-quality multi-adaptors, country-specific travel adaptors and powerful USB charging devices

Travel plugs / travel adaptors

Art. no.	Version	Dimensions: (L x W x H)
SKROSS Travel plugs and adaptors		
Single travel adaptor, suitable for protection class I and II devices, 3-pole, white		
150.0203	· Input end: Europe (earthing contact), France, Germany · Output end: USA · Power: Max. 15 A/125 V~ Dryer, Smart phone, Shaver, MP3 player, Laptop, Camera, GPS	· 53 x 60 x 63 mm
150.0205	· Input end: Europe (earthing contact), France, Germany · Output end: Switzerland · Power: Max. 10A/250V~ (integrated fuse) Dryer, Smart phone, Shaver, MP3 player, Laptop, Camera, GPS	· 53 x 60 x 72 mm

Travel plugs / travel adaptors

Art. no.	Version	Dimensions: (L x W x H)
SKROSS Travel plugs and adaptors		
Euro USB charger, USB output: 5V /max. 1300 mA, white		
130.2402	· Can be used in countries with standard Euro sockets and in a modular fashion with all SKROSS adaptors anywhere in the world · 2 USB ports for efficient charging of two USB devices at the same time Smart phone, MP3 player, Camera, GPS, TabletPC	· 59 x 48 x 57 mm
SKROSS Travel plugs and adaptors		
Midget car charger USB, 12 V, 2100 mA, white		
290.0608	· The compact USB port for the car · Input voltage: 12 V · Output voltage: 5.0 +/-0.25 V Smart phone, MP3 player, Camera, Game console, GPS, TabletPC	· 43 x 21 x 22 mm

Adaptors are not voltage converters and are not suitable for long-term use.
The input voltage of the device to be connected must match the voltage of the local supply grid.

Euro plug 2.5 A / 250 V~

- Plastic version
- Packaged version: contains 3 items in plastic bag – supplied in quantities of 3 only
- Delivery to the end consumer is only permissible in assembled condition
- Must be connected by qualified specialists only
- For cables up to H05VV-F 2 x 0.75 mm²

Art. no.	Version	Unit
Euro plug		
With screw terminal, packaged		
900.010	· Black	3 items
900.011	· White	3 items
With screw terminal, unpackaged		
900.002	· Black	100 items
900.003	· White	100 items

Euro coupling 2.5 A / 250 V~

- Plastic version
- Packaged version: contains 3 items in plastic bag – supplied in quantities of 3 only
- Delivery to the end consumer is only permissible in assembled condition
- Must be connected by qualified specialists only
- For cables up to H05VV-F 2 x 0.75 mm²

Art. no.	Version	Unit
Euro coupling		
With screw terminal, packaged		
900.012	· Black	3 items
900.013	· White	3 items
With screw terminal, unpackaged		
900.004	· Black	100 items
900.005	· White	100 items

Earthing contact plug 16 A / 250 V~

Art. no.	Version	Unit
Earthing contact mounting plug		
H05VV-F 3G 0.75 / 1.0 / 1.5 mm²		
· With dual earthing contact system and nickel-plated contacts, e.g. Germany and France		
· Small, break-proof design with separate strain relief, no parts that can be lost		
910.100	· Black	10 items
910.200	· White	10 items

Art. no.	Version	Unit
Central plug with earthing contact DIN 49441		
H05VV-F 3G 1.0 mm²		
· Small unbreakable construction in plastic, with strain relief		
910.170	· Black	40 items
910.270	· White	40 items
910.470	· Brown	40 items

Central plug with earthing contact DIN 49441		
H05VV-F 3G 1.0 mm²		
· Large unbreakable construction in plastic, with strain relief		
910.971	· Grey	25 items

Right angle plug with earthing contact		
H05VV-F 3G 1.50 mm²		
· Small unbreakable construction in plastic, with lateral earthing contact		
911.172	· Black	50 items
911.272	· White	50 items

Flanged earthing contact plug/angled		
H05VV-F 3G 1.50 mm²		
· Unbreakable construction, with side entry		
911.170	· Black	40 items
911.270	· White	40 items
911.470	· Brown	40 items

Right angle earthing contact plug with switch		
H05VV-F 3G 1.50 mm²		
· Break-proof design made from plastic, with 2-pole rocker switch		
911.171	· Black	20 items
911.271	· White	20 items

Right angle earthing contact plug with control switch		
H05VV-F 3G 1.50 mm²		
· Break-proof design made from plastic, with 2-pole illuminated rocker switch		
911.273	· White	20 items

Earthing contact coupling 16 A / 250 V~

Art. no.	Version	Unit
Earthing contact coupling		
H05VV-F 3G 1.5 mm²		
· Small, break-proof design made from plastic		
912.170	· Black	50 items
912.270	· White	50 items
912.470	· Brown	50 items

Earthing contact coupling		
H05VV-F 3G 1.5 mm²		
· Large, break-proof design made from plastic, with kink protection nozzle		
912.971	· Grey	15 items

Rubber plugs and couplings 16 A / 250 V~

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

· Delivery to the end consumer is only permissible in assembled condition

· Must be connected by qualified specialists only

Art. no.	Version	Unit
Rubber plug		
IP44, DIN 49441		
	· Thermoplast insert with dual earthing · Also suitable for France and Belgium · Revolving strain relief for various cable cross-sections	
913.171	· Black	20 items
IP44, DIN 49441-2-AR1		
	· Break-proof thermoplast insert with earthing contact · Standardised clip in function and kink protection · Side fitting and screw terminal block · Temperature range -40 °C to 70 °C	
913.172	· Black	20 items
Rubber coupling		
DIN 49440		
	· Thermoplast insert with earthing contact and strain relief	
913.174	· Black	10 items
IP44, DIN 49440		
	· Thermoplast insert with earthing contact and strain relief · With cover	
919.176	· Black	10 items

Solid rubber plugs and couplings 16 A / 250 V~

· Delivery to the end consumer is only permissible in assembled condition

· Must be connected by qualified specialists only

Art. no.	Version	Unit
Solid rubber plug		
IP44, DIN 49441-2-AR1		
	· For mounting on cables up to H07RN-F 3G 2.50 mm² · Solid rubber insert with earthing contact · Standardised clip in function and kink protection · Side fitting and screw terminal block · Temperature range -40 °C to 70 °C	
913.173	· Black	20 items
Solid rubber right angle plug		
IP44, DIN 49441-2-AR1		
	· For mounting on cables up to H07RN-F 3G 2.50 mm² · Robust industrial version with solid rubber insert and earthing contact · Standardised clip in function · Surface clamps and metal strain relief · Side fitting and screw terminal block · Temperature range -40 °C to 70 °C	
919.171	· Black	10 items
919.178	· With dual earthing contact system suitable for Belgian/French standards	

Art. no.	Version	Unit
	· Black	

Solid rubber contour plug, 2-pole

· For mounting on cables up to H07RN-F 2 x 2.50 mm², without earthing contact
· Clip in function, delivery to the end consumer is only permissible in assembled condition
· Must be connected by qualified specialists only

919.179	· Black	20 items

Solid rubber coupling

DIN 49440-2-D-AR1

· For mounting on cables up to H07RN-F 3G 2.50 mm², temperature range -40 °C to 70 °C
· Solid rubber insert with earthing contact and side fitting
· Robust industrial version with surface clamps and standardised clip in function

913.175	· Black	10 items

IP44, DIN 49440-2-D-AR1

· For mounting on cables up to H07RN-F 3G 2.50 mm², temperature range -40 °C to 70 °C
· Thermoplast rubber insert with earthing contact and side fitting and cover
· Robust industrial version with surface clamps and standardised clip in function

919.177	· Black	10 items

IP44 power strip

Art. no.	Version	Unit

3-way earthing contact power strip with covers

IP44; 230V, 16 A

381.109	· Design: DIN 49 440 part 1 · With attachment eye and four fixing points · Solid elastomer version	1 item

3-way couplings 16A/250V~, IP44

Art. no.	Version	Unit

Solid rubber 3-way coupling

IP44, DIN 49440-2-D-AR1

· For fitting to cables up to H07RN-F 3G 2.50 mm², 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, temperature range -40 °C to 70 °C
· For permanent use out of doors and on construction sites

913.170	· Black	10 items

PA housing 3-way coupling

IP20, DIN 49440-2-D-AR1

· For fitting to cables up to H07RN-F 3G 2.5 mm², PA insert with earthing contact
· With attachment eye and kink protection, connections with screw terminals
· Temperature range -40 °C to 70 °C

919.1751*	· Black	10 items

Cord intermediate switch 16A/250V~, IP44

Art. no.	Version	Unit

Solid rubber cord intermediate switch

IP44

· 2-pole cut-off
· For round cable up to H07RN-F 3G 2.50 mm²

923.174	· Black	10 items

International earthing contact plug

Art. no.	Version	Unit
Earthing contact plug, Switzerland CH, 10 A / 250 V~		**CH**
Cables up to 3G 1.00 mm²		
	· Thermoplastic version	
	· With strain relief	
910.175	· Black, T12 plug	1 item
910.275	· White, T12 plug	1 item

Earthing contact plug, UK, 13 A / 250 V~		**UK**
Cables up to 3G 1.50 mm²		
	· Plastic version	
	· Integral 13 A miniature fuse	
	· With strain relief	
910.176	· Black	1 item
910.276	· White	1 item

Earthing contact plug, USA, 15 A / 125 V~		**USA**
3-pole		
	· Non-polarised	
	· Thermoplastic version	
910.179	· Black, Nema 5-15P	20 items

USA plug		**USA**
2-pole		
	· Not polarised, Duroplast	
910.178	· Black	100 items

Earthing contact plug, Italy, 10 A / 250 V~		**Italy**
3-pole		
	· Thermoplastic version	
910.174	· Black	50 items

Earthing contact plug, Australia, 10 A / 250 V~		**Australia**
3-pole		
	· With insulated pins and sleeve	
910.182	· Black	40 items
910.282	· White	40 items

International earthing contact couplings

Art. no.	Version	Unit
Earthing contact coupling, Switzerland CH, 10 A / 250 V~		**CH**
912.174*	· Black	50 items
912.274	· White	50 items

Earthing contact coupling, UK, 13 A / 250 V~UK		
With function display		
	· Thermoplastic version	
910.177*	· Black	10 items
910.277*	· White	10 items

Earthing contact coupling with earthing pin, Belgium / France 15 A / 125 V~		**Earthing contact /UTE**
With kink protection sleeve		
	· Thermoplastic version	
912.173	· Black	35 items
912.273	· White	35 items

* No storage type

Solid rubber international plugs and couplings

· Up to max. H07RN-F 3G 2.5 mm²

· Belgian/French system

· IP44, thermoplastic and solid rubber version, with snap latch

Art. no.	Version	Unit
Solid rubber plug 16A/250V~		**Earthing contact/UTE**
IP44		
913.169	· With dual earthing contact · With side fitting, socket and surface clamps · Black	20 items

Solid rubber coupling, 16A/250V~		**Earthing contact/UTE**
IP44		
919.169	· With snap latch and protection against contact · With thermoplastic cover · Black	10 items

Non-heating appliance plugs and sockets

Art. no.	Version	Unit
Non-heating appliance plug with earthing contact		
C14, 10A/250V~, 70°C		
· For cables up to 3G 1.00 mm², thermoplastic version with earthing contact C14 for cable junction · Screw terminal, kink protection nozzle and strain relief		
915.171	· Black	50 items
915.271	· White	50 items
915.971	· Grey similar to RAL7035	50 items

Non-heating appliance right angle plug with earthing contact		
C14, 10A/250V~, 70°C		
· For cables up to 3G 1.00 mm², thermoplastic version with earthing contact C14 for cable junction · Screw terminal, kink protection and strain relief, cable exit right hand side		
915.172	· Black	50 items

Non-heating appliance socket with earthing contact		
C13, 10A/250V~, 70°C		
· For cables up to 3G 1.00 mm², thermoplastic version with earthing contact C13 for cable mounting · Screw terminal, kink protection nozzle and strain relief		
915.170	· Black	25 items
915.270	· White	25 items
915.970	· Grey similar to RAL7035	25 items

Non-heating appliance right angle socket with earthing contact		
C13, 10A/250V~, 70°C		
· For cables up to 3G 1.00 mm², thermoplastic version with earthing contact C13 for cable mounting · Screw terminal, kink protection and strain relief, cable exit right hand side		
915.173	· Black	25 items
915.973	· Grey similar to RAL7035	25 items

Non-heating appliance in-built plug		
C14, E, 10A/250V~, 70°C		
· Thermoplastic version for screw terminal		
917.170	· Black	50 items

* No storage type

Non-heating appliance plugs and sockets

Art. no.	Version	Unit
Non-heating appliance in-built socket		
C13, F, 10A/250V~, 70°C		
· Thermoplastic version for screw terminal		
917.171	· Black	50 items

Art. no.	Version	Unit
Non-heating appliance plug		
C20, 16A/250V~, 70°C		
· Thermoplastic version with earthing contact		
· With kink protection nozzle for line assembly		
915.175	· Black	25 items

Non-heating appliance in-built plug |		
C20, 16A/250V~, 70°C		
· Thermoplastic version		
917.173	· Black	25 items

Non-heating appliance socket with earthing contact		
C19, 16A/250V~, 70°C		
· For cables up to 3G 1.50 mm²		
· Thermoplastic version with earthing contact C19		
· Kink protection nozzle for line assembly		
915.174	· Black	25 items

Non-heating appliance in-built socket with earthing contact		
C19, J, 16A/250V~, 70°C		
· Thermoplastic version with earthing contact C19		
917.172	· Black	25 items

Heating appliance plugs and sockets

Art. no.	Version	Unit
Hot appliance built-in plug		
C16A, E, 10A/250V~, 155°C		
· Thermoplastic version for screw terminal		
918.170	· Black	50 items

Heating appliance socket with earthing contact		
C15A, 10A/250V~, 155°C		
· For cables up to 3G 1.00 mm²		
· Thermoplastic version with earthing contact, C15A for cable mounting		
· Screw terminal, kink protection nozzle and strain relief		
916.170	· Black	25 items
916.970	· Grey (RAL7035)	25 items

Heating appliance sockets

Art. no.	Version	Unit
Heating appliance socket		
C21, 16 A / 250 V~, 155 °C		
· Kink protection nozzle for line assembly		
918.171	· Black	25 items

Junction boxes

Art. no.	Version	Unit
Appliance junction box		
16 A / 380 V~		
· For 55 mm wall boxes / height 14 mm		
· Thermoplastic version for concealed wiring mounting		
· Easy mounting thanks to removable terminal box		
· Snap in lid		
· With screw terminal 5 x 2.50 mm² and strain relief		
190.271	· White	20 items

Cooker connection socket		
16 A / 380 V~		
· For 55 mm wall boxes / height 23 mm		
190.270	· White	20 items

Safety connector perilex plug 16 A / 250 V~

Art. no.	Version	Unit
Perilex plug		
IP54		
· Side entry, 3-pole + E + O to VDE 0100/5.73		
· Waterproof IP20		
349.203	· White	10 items

Accessories

Art. no.	Version	Unit
Intermediate switch 2A/250V~		
For cables up to H03VVH2-F2 x 0.75 mm²		
· Plastic		
923.170	· Black	1 item
923.270	· White	1 item

Lamp holder, pre-wired		
E 27		
· 60 W plastic E 27 holder		
· Delivery in units of 20 only		
641.170	· 0.2 m H03VV-F2 x 0.75 mm² · With 2-pole lustre terminal block · Black	20 items
641.171	· 0.2 m H03VV-F2 x 0.75 mm² · With clamp terminal · Black	20 items

Light bulb adaptor		
Converts E 27 fitting to E 14		
730.005	· External thread: E 27 · Internal thread: E 14 · Thread: Brass · Insulation: Plastic	1 item

Light bulb adaptor		
Converts E 40 fitting to E 27		
730.008	· External thread: E 40 · Internal thread: E 27 · Thread: Brass · Insulation: Porcelain	1 item

Porcelain terminal		
For wire cross sections up to 2.5 mm²		
· Without wire protection		
950.000	· 1-pole · Dimensions: 17 x 9.5 x 12 mm, hole diameter ca. 3.1 mm	1 item
950.002	· 2-pole with central fixing hole · Dimensions: 21 x 18 x 16 mm, hole diameter ca. 4.3 mm	1 item
950.003	· 3-pole with central fixing hole · Dimensions: 33 x 19 x 16 mm, hole diameter ca. 5.0 mm	1 item
For wire cross sections up to 4 mm²		
950.004	· 2-pole with central fixing hole · Dimensions: 24 x 22 x 22 mm hole diameter ca. 5.0 mm	1 item

Ceiling box, diameter 70 mm		
· Including screws		
· Loose in bag		
190.273	· White, approx. height 20.0 mm	20 items

Accessories for illumination light chains

Art. no.	Version	Unit
Connecting box		
For flat cables H05RN H2 x 1.5 mm²		
740.015	· Black	30 items
Solid rubber right angle plug		
IP44		
740.017	· For flat cable · With snap latch · With surface clamps · Assembled with two screws from front · Black	10 items
Flat cable plug for illumination cable 16 A / 250 V~		
DIN 49406, for H05RN H2-F2 x 1.5 mm² cables		
740.002	· Solid rubber version · Without earthing contact · With snap latch · Black	10 items
Flat coupling for illumination cable		
DIN 0282		
740.003	· With hinged cover and mounting · Without earthing contact · For contour plugs only · Black	10 items
End piece for illumination cable		
DIN 0282		
740.004	· With hook for hanging · Provides a secure end to illumination lighting cables · Black	10 items

Light chains

Art. no.	Version	Unit
Light chain with plug and end piece		
	With plug and end piece	
	· External dimensions approx. 5.20 x 13.20 m · Including rubber plug and end piece with hook	
740.005	· With 10 E 27 lamp holders · Light bulbs not included · Green, 10 m cable	1 item
740.006	· With 20 E 27 lamp holders · Light bulbs not included · Green, 20 m cable	1 item

Lamp holders

Art. no.	Version	Unit
Illumination lamp holder		
	E 27	
	· For use outside · Heat and weather resistant thermoplastic · Splash-proof when used with sealing ring (740.001/740.012) – please order separately	
740.000	· Max. 40 W · Protection class II / IP44 · Up to 165 °C without sealing ring	100 items

Illumination lamp holder with fixing base		
	· For fixing on firm surfaces · Only use outside with rubber seal. Sealing ring (740.001/740.012) – please order separately	
740.011	· E 27 · Black, Distance of fixing screws: 46 mm	50 items
740.010	· E 14 · Black, Distance of fixing screws: 40 mm	50 items

Art. no.	Version	Unit
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	500 items
740.012	· E 14 · Black	150 items

* No storage type, purchase in complete packaging units only

MAXI series 1000 silicone housing

· For halogen cold light mirror lamps, diameter 51 mm, 12 V ~, maximum 35 W

· Do not use Cool Beam light bulbs

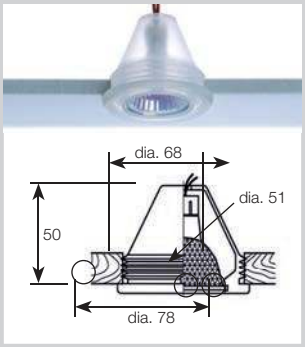
· Triple insulation, with cable, light bulbs not included

Art. no.	Version	Unit
MAXI series 1000 silicone housing		
With ceramic lamp holder		
924.224	· Transparent	1 item
924.225	· White	1 item
With ceramic lamp holder, supplied in bags of 50, loose		
924.332	· White	500 items
Without ceramic lamp holder, supplied in bags of 50, loose		
924.334	· White	500 items

Series 1002 decorative rings		
For MAXI series 1000 silicone housing		
· Dimensions: inner 5 cm, outer 8 cm		
924.231	· Chrome	1 item
924.250	· Matt brushed stainless steel	1 item

MAXI silicone housing for low-voltage recessed halogen spotlights

The MAXI silicone housing consists of a high-tech, high temperature-resistant elastomer with exceptional 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
· Patented
· Quick and easy to assemble and dismantle
· No component mounting
· Light bulbs changed without tools
· No troublesome metal rings
· Can also be used for shops and exhibition stands (to match decor!)
· Quick mounting technology
· Mounting without springs



Can be fitted in:
· Solid materials in different thicknesses
· Fragile materials such as
· plasterboard, fibreboards, chipboards, etc.

Series 1000 silicone recessed spotlight housing		
MAXI silicone recessed spotlight housing for high-voltage halogen and LED light bulbs		
924.350	· For GU10 halogen lamp D:51mm, 230V · Max. 35W or GU10 230 V LED lamp up to 5W, colour: White	
924.352	· For GU10 halogen lamp D:51mm, 230V · Max. 35W or GU10 230 V LED lamp up to 5W, colour: Transparent	

* No storage type, purchase in complete packaging units only

inter BÄR

Shuttered

Art. no.	Version	Unit
Teddy series 6310		
Socket outlet protection		
· Socket outlet protection for plugging into earthing contact socket outlets		
· Protective cover with key		
· Only remove from the socket outlet with the key supplied		
· 5 items and 3 keys in transparent bag (price per bag)		
924.201	· White	10 bags
924.101	· Black	10 bags
924.004	· Brown (supplied in units stated)	10 bags
· Loose (price per item)		
924.005	· White	50 items

Teddy automatic series 6320		
Socket outlet protection		
· Socket outlet protection for sticking into earthing contact socket outlets		
· 5 items on blister card (price per card)		
924.009	· White	20 cards
924.010	· Black	20 cards
924.011	· Brown	20 cards
· Loose (price per item)		
924.012	· White	250 items

2002 series protective caps		
· For plugging into earthing contact socket outlets		
· 10 items In transparent bag (price per bag)		
924.172	· White	10 items

Teddy duo series 6330		
Night light		
· Night light and socket outlet protection		
· With key		
· 1 item on blister card (price per card)		
924.001	· Gives a red light	20 items
924.002	· Gives a red light, with motif	20 items

Cord intermediate dimmer

inter BÄR

· With screwed contacts

· Do not use Cool Beam light bulbs

· For double insulated flat cable 2 x 0.75 mm²

Art. no.	Version	Unit
Series 5052 cord intermediate dimmer, 2 A / 250 V ~		**L x W x H 66 x 30 x 21 mm**
Off switch, 2-pole		
· Non-illuminated, for Class II equipment · Marking 0 - 1 · For double insulated flat cable 2 x 0.75mm²		
924.028	· Housing black, rocker black	20 items
924.029	· Housing white, rocker white	20 items
Off switch, 2-pole		
· Illuminated, for Class || equipment · Marking 0 - 1 · For double insulated flat cable 2 x 0.75mm²		
924.031	· Housing white, rocker white	20 items
Series 5044 cord intermediate dimmer, 2 (1) A / 250 V ~		**L x W x H 66 x 30 x 21 mm**
Off switch, 1-pole		
· Housing and strain relief screwed, 2 connector terminals · For dual insulated flat cable 2 x 0.75 mm² and 3 x 0.75 mm² · Contact strain relief		
924.259	· Housing transparent, button transparent	20 items
924.023	· Housing white, button black	20 items
924.024	· Housing black, button black	20 items
924.025	· Housing white, button white	20 items
924.026	· Housing brown, button beige	20 items
924.027	· Housing gold, button gold	20 items
924.260	· Housing titanium, button black	20 items
Series 8007 cord intermediate dimmer, 2 A / 250 V ~		**L x W x H 61 x 23 x 15 mm**
Off switch, 1-pole		
· Strain relief and housing screwed · Connector terminal for neutral conductor · For dual insulated flat cable 2 x 0.75 mm²		
924.036	· Housing black, rocker black	50 items
924.037	· Housing white, rocker white	50 items
924.038	· Housing brown, rocker brown	50 items
924.039	· Housing gold, rocker gold	50 items
Series 8002 cord intermediate dimmer, 2 A / 250 V ~		**L x W x H 58 x 28 x 29 mm (without button)**
Off switch, 1-pole		
· Strain relief screwed, snap-on housing, with inset pushbutton switch, button diameter 12 mm · Connector terminal for neutral conductor · For dual insulated flat cable 2 x 0.75 mm² and 3 x 0.75 mm²		
924.032	· Housing black, button black	50 items
924.033	· Housing white, button white	50 items
924.034	· Housing brown, button brown	50 items
Series 5055 cord intermediate switch, 3 (2) A / 250 V ~		**L x W x H 67 x 22 x 17 mm (without rocker)**
Off switch, 1-pole		
· Strain relief via insulated material screw, snap-on housing assembly · Connector terminal for neutral conductor · Contacts with silver, therefore particularly suitable for LED · For dual insulated flat cable 2 x 0.75 mm² and 3 x 0.75 mm²		
924.043	· Housing black, rocker black	50 items
924.044	· Housing white, rocker white	50 items
924.045	· Housing brown, rocker brown	50 items
924.046	· Housing gold, rocker gold	50 items
924.261	· Housing titanium, rocker black	50 items

inter BÄR

Art. no.	Version	Unit
Series 8006 cord intermediate switch, 6(4) A / 250 V ~		**L x W x H 76 x 26 x 23 mm**
Off switch, 1-pole		
· Strain relief for screwing, housing screwed, 2 connector terminals, marking 0 - I		
· For dual insulated flat cable 2 x 0.75 mm² and 3 x 0.75 mm²		
· Suitable for secondary phase halogen lamp switching		
924.047	· Housing black, rocker black	50 items
924.048	· Housing white, rocker white	50 items
924.049	· Housing brown, rocker brown	50 items
924.050	· Housing gold, rocker brown	50 items

Series 8010 cord intermediate switch, 10(4) A / 250 V ~		**L x W x H 80 x 30 x 25 mm**
Off switch, 2-pole		
· Strain relief for screwing, housing screwed, connector terminal for protective conductor		
· Marking 0 - I		
· For cable 2 x 0.75 mm² and 3 x 0.75 mm²		
924.051	· Housing black, rocker red	50 items
924.052	· Housing white, rocker white	50 items
924.053	· Housing brown, rocker beige	50 items

Series 8010 cord intermediate switch, 10(4) A / 250 V ~		**L x W x H 80 x 30 x 25 mm**
Off switch, 2-pole		
· Strain relief for screwing, housing screwed, connector terminal for protective conductor		
· Marking 0 - I		
· Illuminated		
· For dual insulated flat cable 2 x 0.75 mm² and 3 x 0.75 mm²		
924.327	· Housing black, rocker red	50 items

Series 8011 cord intermediate dimmer, 2 A / 250 V ~		**L x W x H 105 x 37 x 37 mm**
Multi-circuit switch, 1-pole		
· Housing with line exit on both sides		
· 2 connector terminals		
· Circuit 0-1-1+2-2-0		
· For cable 2 x 0.75 mm² and 3 x 0.75 mm²		
924.054	· Housing black, button black	10 items
924.055	· Housing white, button white	10 items

Refrigerator door switch with quick-action contact

· With screwed contacts, T 85°C

· Two-hole fixing, fixing holes diameter 3.5 mm

Art. no.	Version	Unit
Series 5120 refrigerator door switch with quick-action contact, 2(1) A / 250 V ~		**L x W x H 39 x 34 x 15 mm**
Break-contact switch, 1-pole		
· Trade version with added housing		
· Hole distance 43 mm		
924.203	· Housing white, button white	40 items
924.103	· Housing black, button black	40 items
· Industrial version without additional housing		
· Hole distance 25.5 mm		
· Caution: Ensure installation is VDE-compliant, e.g. bolt only to insulating surfaces (plastic)		
924.071	· Housing white, button white	100 items
924.072	· Housing black, button black	100 items

Foot-operated intermediate switches

· With screwed contacts

· For dual insulated flat cable 2 x 0.75 mm² and 3 x 0.75 mm²

· 2 connector terminals

· Snap-on housing

· Strain relief screwed

Art. no.	Version	Unit
Series 5062 intermediate foot switch, 2(1) A / 250 V ~		**diameter 66 mm**
Off switch, 1-pole		
924.056	· Housing gold, button gold	10 items
924.057	· Housing white, button black	10 items
924.058	· Housing black, button black	10 items
924.059	· Housing white, button white	10 items
924.060	· Housing brown, button beige	10 items

Series 8009 intermediate foot switch, 2(1) A / 250 V ~		**diameter 66 mm**
Off switch, 1-pole		
924.062	· Housing black, button black	10 items
924.063	· Housing white, button white	10 items
924.064	· Housing brown, button brown	10 items
924.065	· Housing gold, button gold	10 items

Series 8009 intermediate foot switch, 6(2) A / 250 V ~		**diameter 66 mm**
Off switch, 1-pole		
· Suitable for secondary phase halogen lamp switching		
924.068	· Housing black, button black	10 items
924.069	· Housing white, button white	10 items

Series 8009 intermediate foot switch 2(1) A / 250 V ~		**diameter 66 mm**
Multi-circuit switch, 1-pole		
· Circuit 0-1-1+2-2-0		
924.066	· Housing white, button black	10 items
924.067	· Housing black, button black	10 items
924.264	· Housing gold, button gold	10 items

Series 8008 intermediate foot switch 2 A / 250 V ~		**diameter 66 mm**
Off switch, 1-pole		
924.061	· Housing brass, button black · Housing and strain relief screwed, no snap-on housing	10 items

Cord end switch

· With screwed contacts

· Housing and strain relief screwed

Art. no.	Version	Unit
Series 8016 cord end switch 10(2) A / 250 V ~		**L x W x H 30 x 51 x 20 mm**
On/off switch, 1-pole, marking 0 - 1		
924.073	· Housing white, rocker white	50 items
924.074*	· Housing black, rocker black	50 items

Cord end dimmers, 8013 series

· Hand or foot activated, for low-voltage halogen lamps (for conventional transformers)

· For high-volt halogen lamps, for bulbs of 20 - 500 W

Art. no.	Version	Unit
Series 8013 cord end dimmer 250 V ~		**L x W x H 107 x 60 x 30 mm**
With 2 m cable and appliance plug		
924.078	· Housing black, slider black	1 item
924.079	· Housing white, slider white	1 item
924.080	· Housing gold, slider gold	1 item
924.266	· Housing titanium, slider black	1 item

Series 8013 cord intermediate dimmer 250 V ~		**L x W x H 107 x 60 x 30 mm**
924.075	· Housing black, slider black	1 item
924.076	· Housing white, slider white	1 item
924.077	· Housing gold, slider gold	1 item
924.265	· Housing titanium, slider black	1 item
924.336	· Housing transparent, slider transparent	1 item

Series 8015 cord intermediate dimmer

· With illumination, for light bulbs, with strain relief

Art. no.	Version	Unit
Series 8015 cord intermediate dimmer 230 V ~		**L x W x H 92 x 28 x 27 mm**
From 40 to 160 watts with miniature fuse 0.8 A		
924.267	· Housing transparent	10 items
924.081	· Housing black	10 items
924.082	· Housing white	10 items

Art. no.	Version	Unit
Series 8113 cord intermediate dimmer / reverse phase control dimmer 230 V ~		**L x W x H 130 x 60 x 35 mm**
50 Hz, 20 to 300 VA		
· Connection options can be freely selected (as intermediate or end dimmer)		
· Hand and foot activation		
· Buzz-free, without fuse protection, separate on and off switches, night light in the dark		
924.338	· Housing black	1 item

* No storage type, purchase in complete packaging units only

Series 8113 cord intermediate dimmer

inter BÄR

· For low-voltage halogen lamps (with electronic transformers)

· For high-voltage halogen lamps, for light bulbs

Art. no.	Version	Unit
Series 8114 cord intermediate dimmer 250 V ~		**96 x 41 x 29 mm**
50 Hz, 20 to 200 W/VA		
· Revolving off function, with earth wire connection		
· For low-voltage halogen lamps with conventional transformers		
· For high-voltage halogen lamps, for light bulbs		
· Fuse switch accessible from the outside, allows problem-free fuse changing		
924.340	· Housing black, rotating wheel light grey	1 item
924.342	· Housing transparent	1 item
924.343	· Housing white	1 item
924.344	· Housing gold	1 item

Art. no.	Version	Unit
Series 8116 LED cord intermediate dimmer		
For dimmable LED lamps, dimmable energy saving lamps		
924.0161	· 230 V AC, 50 Hz, 7 -110 W/VA, colour: Black	
Separate on and off switches, control wheel provides dimming function.		

Series 8117 cord intermediate dimmer		
For low-voltage halogen lamps with magnetic transformers, high-voltage halogen lamps and filament light bulbs		
924.0162	· 230 V AC, 50 Hz, 20 - 500 W/ VA, colour: Black	
Function as mother/child dimmer, slide controller for manual and foot operation, night light		

Series 3652 rocker switch

· With and without illumination, tab terminals 6.3 x 0.8 mm

· Snap-in fixing to 11 x 30 mm cut-out

Art. no.	Version	Unit
Series 3652 rocker switch 16(8) A / 250 V ~, T 185 °C		
On-off switch, 1-pole, non-illuminated, no embossing on rocker		
924.090	· Housing white, rocker white	50 items
924.091	· Housing black, rocker black	50 items
On-off switch, 1-pole, illuminated, no embossing on rocker		
924.111	· Housing white, rocker red	50 items
924.112	· Housing black, rocker red	50 items
924.113*	· Housing black, rocker yellow	50 items
924.114	· Housing black, rocker green	50 items
Changeover switch, 1-pole, non-illuminated, no embossing on rocker, no centre position		
924.092*	· Housing black, rocker black	50 items

* No storage type, purchase in complete packaging units only

Series 3652 rocker switch

· With and without illumination, tab terminals 6.3 x 0.8 mm

· Snap-in fixing to 22 x 30 mm cut-out

Art. no.	Version	Unit
Series 3652 rocker switch 16(8) A / 250 V ~, T 125 °C		
On-off switch, 2-pole, non-illuminated, with rocker coinage 0 I		
924.094	· Housing white, rocker white	50 items
924.095	· Housing black, rocker black	50 items
On-off switch, 2-pole, illuminated, rocker embossed with 0 I		
924.096	· Housing white, rocker red	50 items
924.097	· Housing black, rocker green	50 items
924.098	· Housing black, rocker yellow	50 items
924.099	· Housing black, rocker red	50 items
Changeover switch, 2-pole, non-illuminated, no embossing on rocker, no centre position		
924.109	· Housing black, rocker black	50 items
On-off switch, 2 x 1-pole, illuminated, no embossing on rocker		
924.120	· Housing black, rocker red/red	25 items

PVC caps and surrounds

· Retrofit to series 3652 as splash and dust protection

Art. no.	Version	Unit
Series 22 SPVC caps and surrounds		
For 1-pole rocker switch		
924.115	· Surround white, cap clear	50 items
924.116	· Surround black, cap clear	50 items
For 2-pole rocker switch		
924.118	· Surround black, cap clear	50 items

Series 8004 rocker switch

· Snap-in fixing to 19.4 x 13 mm cut-out

· Suitable for secondary phase halogen lamp switching

· Non-illuminated, marking 0 - I

Art. no.	Version	Unit
Series 8004 rocker switch 6(2) A / 250 V ~, T 85 °C		
Off switch, 1-pole		
924.127	· Flat socket connections 4.8 mm · Housing black, rocker black	50 items
924.128	· Screw terminals · Housing black, rocker red	50 items

Series 8005 rocker switch

· Snap-in fixing to 22 x 30 mm cut-out

· Combined flat socket connections 6.3 mm

· Screw terminals M 3

· Illuminated, marking 0 - I

Art. no.	Version	Unit
Series 8005 rocker switch 16(4) A / 250 V ~, T 85 °C		
Off switch, 2-pole		
924.129	· Housing black, rocker red	100 items

Series 8014 rocker switch

Art. no.	Version	Unit
Series 8014 rocker switch 6(2) A / 250 V ~, T 85 °C		
Off switch, 1-pole		
· Fits diameter 22 mm, fixing thread M 22, Class II		
· Screwed contacts, with plastic hexagonal nut		
· Suitable for secondary phase halogen lamp switching		
924.131	· Housing white, rocker white	50 items
924.132	· Housing black, rocker black	50 items

Series 8014 rocker switch 6(2) A / 250 V ~, T 120 °C		
Off switch, 1-pole		
· Fits hole diameter 19 mm, class II, screwed contacts, with protection against contact		
· Suitable for secondary phase halogen lamp switching		
924.133	· Housing black, rocker black	50 items
924.134	· Housing white, rocker white	50 items

Series 8014 rocker switch 16(4) A / 250 V ~, T 85 °C		
Off switch, 2-pole		
· Snap-in fixing to 22 x 30 mm cut-out, combined tab terminals 6.3 mm		
· Screw terminals M 3, with water protection cap, illuminated, marking 0 I		
924.136	· Housing red, rocker red	50 items

Multi-position pushbutton switches

· Central fixing by M 12 x 1 mm, screwed contacts, bell-shaped nut screws on from above

· Circuit 0-1-1+2-2-0

Art. no.	Version	Unit
Series 3076 multi-position pushbutton switches 2 A / 250 V ~, T 100 °C		
Multi-circuit switch, 1-pole		
924.140	· Button white, thread length 8 mm	50 items
924.141	· Button white, thread length 12 mm	100 items

Push-button switches

· Central fixing by M 10 x 1 mm, screwed contacts, bell-shaped nut screws on from above

Art. no.	Version	Unit
Series 8001 pushbutton switch 2(0.7) A / 250 V ~, T 100 °C		
Off switch, 1-pole		
924.142	· Button white, thread length 8 mm	100 items
924.143	· Button black, thread length 8 mm	100 items
924.145	· Button white, universal for 8 - 15 mm thread	100 items
	· With 2 thread-reducing rings	100 items

Series 8001 pushbutton switch 6(2) A / 250 V ~ AC, T 85 °C		
Off switch, 1-pole		
· Suitable for secondary phase halogen lamp switching		
924.144	· Button white, thread length 8 mm	100 items

Series 3030 pushbutton switch 2(1) A / 250 V ~, T 85 °C		
Off switch, 1-pole		
· Knurled nut screwed on		
924.137	· Button white, thread length 11.5 mm	100 items
924.138	· Button black, thread length 11.5 mm	100 items

Pushbutton

· Without thread, screwed contacts, fixing holes diameter 3.6 mm

Art. no.	Version	Unit
Series 8001 pushbutton 2 A / 250 V ~ AC		
Make-contact switch, 2-pole		
924.146	· Button white	50 items

Button

· Central fixing by M 10 x 1 mm, screwed contacts, bell-shaped nut screws on from above

· With 2 thread-reducing rings, universal for 8 - 15 mm threads

Art. no.	Version	Unit
Series 8001 buttons 2(0,7) A / 250 V ~, T 100 °C		
Make-contact switch, 1-pole		
924.149	· Button white, thread length 8 - 15 mm	100 items

Pull switches

Screwed contacts

Art. no.	Version	Unit
Series 3716 pull switch 4(1) A / 250 V ~, T 125 °C		
Off switch, 1-pole		
924.151	· Housing black · Two-hole fixing · Hole spacing 20 mm · Fixing holes diameter 3.4 mm	50 items

Series 3730 pull switch 2(1) A / 250 V ~, T 125 °C		
Off switch, 1-pole		
924.152	· Housing black · Single-hole fixing · Fixing holes diameter 3.2 mm	100 items
924.153	· Housing black · Hole spacing 22 - 25 mm · With screw mounting plates	100 items

Series 3746 pull switch 2 A / 250 V ~, T 125 °C		
Off switch, 1-pole		
· Two-hole fixing · Hole distance 22 mm · Fixing holes diameter 3.4 mm		
924.154	· Housing brown-black, pull cord entry on end face	50 items
924.155	· Housing brown-black, pull cord entry on side face	50 items
· Hole distance 23 mm · Fixing holes diameter 3.4 mm · With fixing plate		
924.156	· Housing brown-black, pull cord entry on end face	50 items

inter BÄR

Pull switches

· Two-hole fixing, hole spacing 20 mm, hole diameter 3.4 mm screw contacts

Art. no.	Version	Unit
Series 8017 pull switch 2 A / 250 V ~, T 100 °C		
Off switch, 2-pole		
924.159	· Housing black	50 items

Multi-circuit pull switch

· Two-hole fixing, hole spacing 22 mm, hole diameter 3.15 mm

· Screwed contacts, switches between 0 - 1 - 1+2 - 2 - 0

Art. no.	Version	Unit
Series 3776 multi-circuit pull switch 2 A / 250 V ~, T 85 °C		
Multi-circuit switch, 1-pole		
924.157		50 items

Pull cord

· 25 cm, with pull cone

· Suitable for switch types 3716, 3730, 3746, 8017, 3776

Art. no.	Version	Unit
Pull cord		
924.158	· White	50 items

Toggle switches

· Suitable for equipment in safety class II, central fastening M 12 x 0.75 mm, hexagonal and knurled nut screwed on

· Toggle lever and housing made from thermoplastic, contacts silver, terminals silver plated

· Suitable for secondary phase halogen lamp switching

Art. no.	Version	Unit
Series 8400 rocker switch 6(4) A / 250 V ~, T 85 °C		
Off switch, 1-pole		
924.160	· Soldered connection	50 items
924.161	· Flat socket connections 4.8 mm	50 items

Series 8400 rocker switch 6(4) A / 250 V ~, T 85 °C		
Changeover switch, 1-pole		
924.162	· Soldered connection	50 items
924.163	· Flat socket connections 4.8 mm	50 items

Special products

Art. no.	Version	Unit
8600 series pulse starters		
Instant ignition (rapid starter)		
· For fluorescent lamps, reduces the costs of maintenance and replacement of fluorescent lamps, protects the environment, 10-year warranty, -30 °C to +75 °C		
924.167	· EFS 120/110-250V~, 4-22W	10 items
924.168	· EFS 600/200-260V~, 4-125W	10 items

Series 8110 overload-protected power strip		
2-way		
924.164	· 230V~, 50Hz/16 A · For connecting two devices with high power consumption (e.g. washing machines and driers) · 1.5 m connector cable with plug · 1 socket outlet with automatic cut-out, power dependent · 1 socket outlet for continuous power · Screw-on · Weight 450 g	1 item

Note

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 is automatically switched on again. For electronic dryers please consult your user manual.

Art. no.	Version	Unit
Series 8140 power socket Thermo		**dimensions: 59 x 107 x 40 mm**
Temperature-controlled socket with 1 x earthed contact plug max. 230V / 16 A		
924.174	· Built-in battery Ni-MH 2.4V / 40mA · Integrated thermostat · Adjustable temperature range: 5 °C-30 °C, 40 °F-85 °F · Operating temperature: -10 °C to 70 °C · Accuracy: +/- 1 °C · LCD display, with coloured operating information · Display of target/actual temperature · Socket with manual switch	10 items

Series 8812 dawn switch DS-A		**Dimensions: 34 x 22.5 x 16 mm**
230V AC, 50/60Hz, +/- 10%		
924.171	· Maximum load 100V~A at Too = -20 °C to 35 °C · Load current max. 430 mA · Switch-on threshold approx. 5-15 Lux · Switch-off threshold approx. 30-40 Lux · Cast housing	1 item

Pinfix series 8821

Art. no.	Version	Unit
Pinfix series 8821		
Special solution for difficult flat connector power packs		
· For the whole of Europe (except Switzerland)		
· Pinfix is patented, 1 item on blister cards		
924.329	· Black	20 cards
924.330	· White	20 cards

Outdoor socket outlet

Art. no.	Version
Lockable outdoor socket outlet	
Series 9015 230 V, 16 A, IP44, only for mounting on wall, LWH 185 x 85 x 80 mm	
924.349	1 x socket outlet with earthing contact, supplied without lock and plug
924.3491	1 x socket outlet with earthing contact, suitable for angle plug, supplied without lock and plug

KITCHEN SOLUTIONS

KITCHEN SOLUTIONS

Modern integration of power for kitchens

One of Bachmann's primary objectives is to deliver innovative products to help our customers achieve long-term success. For this reason we exploit all the possibilities offered by professional engineering and modern process management to develop our standardised and customised systems and products.

Plug into a world of opportunities

The new Bachmann power strips for kitchens are successful adaptations from the facility and IT industry. Years of experience and German engineering coupled with high-quality materials and collaborations with well-known product designers make our power strips designer pieces for perfect power integration.
With Bachmann KITCHEN SOLUTIONS you can be sure of having access to the best connectors and connections. Our products are configurable with numerous standard international socket outlets and if necessary with data connections too. Get in touch. We are happy to assist with customised solutions and projects.

TWIST 346
Exceptionally compact power strip with low installation depth. TWIST is flat enough not to interfere with units installed underneath. Winner of the Red Dot Product Design Award 2012 and other awards.

ELEVATOR 348
Designed for a standard hole diameter of 80 mm, ELEVATOR is a compact powerhouse with 3 socket outlets. Recessed in the top of the work surface when not in use, simply touch to raise.

ELEVATOR cover 350
The housing for ELEVATOR for fitting on walls, in corners or directly in cabinets. Stainless steel look surface.

POWER FRAME COVER 352
The amazing evolution of the POWER FRAME - an elegant and attractive aluminium cover that is particularly suitable for stylish kitchens.

POWER FRAME 354
For the integrated power connection. Versatile application options. The power strip simply clicks into the built-in frame.

CONI 356
Free access to the power supply. Integrated into the work surface together with connected cables. The integrated brush insert prevents cables jamming.

LIFT 358
A practical combination of sophisticated looks and precision mechanical design. Recessed in the top of the desk or table when not in use. Simply touch to raise. Docking options on four sides.

Wall / corner multiple-socket outlet ..... 360 NEW
Universal multiple-socket outlets for installing both in corners and on walls. The stainless steel look profile makes it ideally suited to any kitchen.

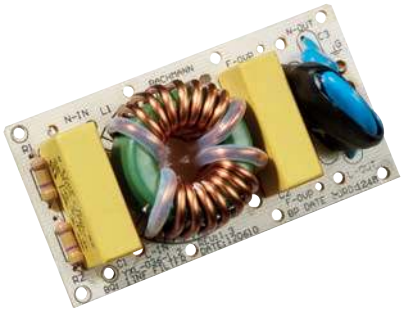
Accessories and assembly items 362

World of opportunities

Function modules can be integrated ex factory

Overvoltage protection

These days the failure of electrical and electronic equipment is a real nightmare scenario. Protection against excess electric voltage is more important than ever for electrical and electronic equipment. "24/7 availability" is now essential for many users. Don't worry: the Bachmann strip with built-in overvoltage protection is 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.

USB 3.0 keystone module

The USB keystone module supports USB 3.0 and allows data to be transferred at high speed. Three different socket/socket combinations are available for different configurations.

USB charger

The USB charger component has 2 ports with max. 2.15 A.
Integrated in Bachmann products, the ability to charge mobile devices using the universal USB charger is very convenient and the integrated mains adaptor frees up socket outlets too.

Residual current circuit breaker / miniature circuit breaker

The residual current circuit breaker / miniature circuit breaker integrated in a Bachmann strip gives you peace of mind. The user can select between the two circuit breakers. But they can of course be combined too.

You can also use the product configurator at bachmann.com

Bachmann products provide solutions that are as individual as life itself.

TWIST

Power outside the box

TWIST is the ideal power strip for kitchens. With its compact design and low installation depth, it is easily integrated in kitchen worktops.
Because the power cable is routed close to the housing, the installation depth is only around 40 mm, so the unit can be easily installed above a drawer.
With a choice of stainless steel or chrome look finish, the TWIST blends easily into both modern and classic.
The fastener is clever: After use, simply rotate the cover and the socket outlets disappear underneath it.

TWIST won the Red Dot Product Design Award 2012, the Interior Innovation Award 2014, the Focus Silver 2014, the Good Design Award 2014 and some other awards.

The benefits at a glance

- Very low installation depth (approx. 40 mm)
- Compact design (H x diameter: approx. 42.5 x 115 mm)
- Space-saving cable routing
- Quick and easy to install
- Suitable for retrofitting
- Stainless steel look
- KEMA KEUR approved
- Red Dot Product Design Award Winner 2012
- Interior Innovation Award 2014
- Focus Silver 2014
- Good Design Award 2014

As awarded by The Chicago Athenaeum: Museum of Architecture and Design.

TWIST

Installation diameter 105 mm, installation depth 40 mm, for work surfaces of 8 mm or more

Art. no.	Version
TWIST 2S	**Metallic stainless steel look cover disc**
Power input: 2.0 m cable with end sleeves and black earthing contact mounting plug (included)	
931.000	· 2 x socket outlet with earthing contact, shuttered, black
931.002	· 2 x French / UTE socket outlet, shuttered, black
931.008	· 2 x T23 CH socket outlet, shuttered, black
TWIST 1S 2P	**Metallic matt chrome look cover disc**
Power input: 0.2 m with GST18i3 plug	
931.001	· 1 x socket outlet with earthing contact, shuttered, black · 2 x keystone mount for data sockets
931.003	· 1 x French / UTE socket outlet, shuttered, black · 2 x keystone mount for data sockets
931.009	· 1 x T13 CH socket outlet, shuttered, black · 2 x keystone module for data sockets
Power input: 2.0 m cable with end sleeves and black earthing contact mounting plug (included)	
931.021	· 2 x socket outlet with earthing contact, shuttered, black
931.016	· 2 x French / UTE socket outlet, shuttered, black

Keystone modules for TWIST 931.001	
1 x USB 3.0 A/A keystone	
917.120	· Front: Socket A / rear: Socket B
1 x HDMI keystone	
918.040	· Front: HDMI socket, rear: HDMI socket without cable
Keystone module CAT6 coupling socket/socket	
940.083	· Frontseite: RJ45 (Keystone-Befestigung), Rückseite: RJ45 (Keystone-Befestigung) · Geschirmt

Other keystone modules on request

Hole saw	**diameter: 105 mm**
For fitting the TWIST	
931.900	· In wood/plastic with cutting depth up to 44 mm
918.900	· Mounting tool for hole saw with centring drill

Similar to photo

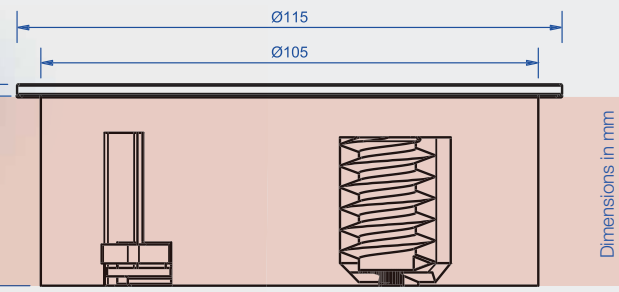
Art. no.	Length	Version
Device supply cable, GST18/right-angled earthing contact plug		**black**
375.003	3.0 m	· Cable: H05VV-F 3G 1.5 mm²
375.007	5.0 m	· End 1: Right-angled earthing contact plug / End 2: Wieland GST18i3 socket

Watch the TWIST installation film at bachmann.com

TWIST is so compact that it can be easily installed above a drawer.

With a total height of 42.5 mm, TWIST is so compact that it can be fitted virtually anywhere.
It can even be installed above a drawer. The cable is routed through a flexible outlet and stored in a recessed channel.

40 mm is all the space that TWIST requires.



ELEVATOR

The compact socket tower

ELEVATOR fits perfectly in any kitchen. Designed for the particular requirements of kitchens, ELEVATOR's 79 mm diameter makes it optimal for installation in kitchen worktops.
The design is unobtrusive and the materials high quality.

Press down with your thumb to raise ELEVATOR which provides three socket outlets in a very small space. The power strip is simply lowered again after use.

The benefits at a glance

- Press down with your thumb to raise
- 3 socket outlets
- Suitable for standard 79 mm hole
- Quick and easy to install
- Suitable for retrofitting
- Stainless steel look
- Classic design

ELEVATOR

Art. no.	Version
ELEVATOR power strip	
Stainless steel look profile, power input: 2.0 m H05VV-F 3G 1.5 mm² with end sleeves and earthing contact mounting plug (included)	
928.002	· 2 x socket outlet with earthing contact, shuttered, black
928.003	· 1 x socket outlet with earthing contact, shuttered, black · 2 x Euro socket outlet, shuttered, black
928.007	· 2 x French / UTE socket outlet, shuttered, black
928.017	· 1 x socket outlet with earthing contact, shuttered, 1 x USB double charger (5.2 V / 2.15 A)
928.020	· 1 x French / UTE socket outlet, shuttered, 1 x USB double charger (5.2 V / 2.15 A)
928.024	· 2 x Swiss / T23 socket outlet, shuttered, with mounting plug (included), black
Aluminium profile, matt chrome, power input: 0.5 m H05VV-F3G 1.5 mm² with GST18 plug; 3.0 m data cables and plug and/or socket	
928.004	· 1 x socket outlet with earthing contact, shuttered, black, set at 35° · 2 x CAT6 RJ45 with 3.0 m data cable and RJ45 plug
928.005	· 1 x socket outlet with earthing contact, shuttered, black, set at 35° · 1 x CAT6 RJ45 with 3.0 m data cable and RJ45 plug · 1 x USB 3.0 A socket with 3.0 m data cable and USB 3.0 A plug
928.008	· 1 x French / UTE socket outlet, shuttered, black, set at 35° · 2 x CAT6 RJ45 with 3.0 m data cable and RJ45 plug
928.009	· 1 x French / UTE socket outlet, shuttered, black, set at 35° · 1 x CAT6 RJ45 with 3.0 m data cable and RJ45 plug · 1 x USB 3.0 A socket with 3.0m data cable and USB 3.0 A plug
928.010	· 1 x French / UTE socket outlet, shuttered, black, set at 35° · 1 x CAT6 RJ45 with 3.0 m data cable and RJ45 plug · 1 x HDMI socket with 3.0 m data cable and socket
928.026	· 1 x UK 5 A individually fused, shuttered, black, set at 90° · 1 x USB double charger (5.2 V / 2.15 A)
928.035	· 1 x Swiss / T13 socket outlet, shuttered, black · 2 x CAT6 RJ45 with 3.0 m data cable and socket

928.002

928.003

928.020

928.004

928.005

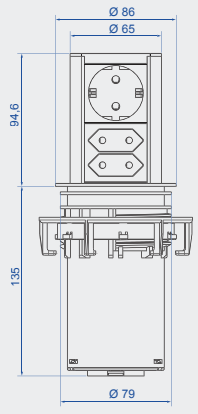
Accessories

Art. no.	Version
Hole saw diameter **79 mm for installing ELEVATOR**	
928.900	· In wood/plastic; cutting depth up to 44 mm
918.900	· Mounting tool for hole saw with centring drill

Similar to photo

Art. no.	Length	Version
Device supply cable, GST18/right-angled earthing contact plug		**black**
375.003	3.0 m	· Cable: H05VV-F 3G 1.5 mm²
375.007	5.0 m	· End 1: Right-angled earthing contact plug / End 2: Wieland GST18i3 socket

Watch the ELEVATOR installation film at bachmann.com



ELEVATOR fits in cut-outs 79 mm in diameter

100 mm high, 79 mm in diameter: With 3 socket outlets, ELEVATOR is a tiny yet impressive powerhouse. Simply press down with your thumb to open ELEVATOR. It is simply lowered again after use.

Dimensions in mm

U USB double charger for mobile devices

ELEVATOR COVER

The add-on for flexible installation

ELEVATOR COVER is the ideal add-on and screen for the ELEVATOR multiple-socket outlet.
Two versions are available:

OUTSIDE version is the brushed stainless steel look profile for installing under the kitchen wall cupboard;
BUILT IN is a housing for fitting in the cupboard.

Both versions optimally encase each ELEVATOR multiple-socket outlet and add to the installation options. ELEVATOR can be extended as usual with one press of the thumb and provides up to three socket outlets in a very small space. After use, ELEVATOR disappears back into the ELEVATOR COVER.

The benefits at a glance

- Installation add-ons and screens suitable for the ELEVATOR power strip
- Mounted on the wall or in a corner
- Two versions available (in or below wall cupboard)
- Quick and easy to install
- Suitable for retrofitting
- Aluminium to 'stainless steel' look

ELEVATOR COVER

Art. no.	Version
ELEVATOR COVER outside	**Height: 210 mm;** diameter**: 92 mm**
to hold ELEVATOR for mounting below kitchen wall cupboard	
928.901	· Stainless steel look surface

Illustration shows ELEVATOR power strip as example. Power strip not included.

ELEVATOR COVER built in	**Dimensions: 127 x 127 x 150 mm**
Housing to hold ELEVATOR for mounting inside kitchen wall cupboard	
928.902	· Stainless steel look body · Plastic top

POWER FRAME COVER

Who'd have thought power could be so elegant

The compact POWER FRAME has evolved into the POWER FRAME COVER with an elegant and attractive aluminium cover, designed especially for stylish kitchen environments and with the added bonus of protection from dust and dirt.

The benefits at a glance

- Design piece made from anodised aluminium
- Suitable for retrofitting
- Power and data can be accessed from all sides
- Dust protection
- Compact dimensions
- Versatile in application
- Quickly installs complete power strips
- Multitude of configuration options

As awarded by The Chicago Athenaeum:
Museum of Architecture and Design.

Also available in other configurations

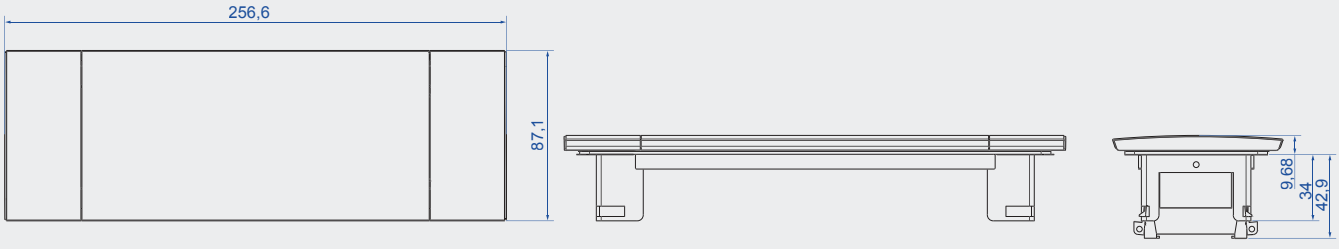
POWER FRAME built-in frame

Art. no.	Version
POWER FRAME COVER 3-way	**Dimensions approx. 255 x 87 x 8 mm**
Aluminium, mounted on black Power Frame, for gluing into the worktop	
915.500	· Aluminium flap
915.501	· Inox (similar MAS0802000), painted Aluminium
915.503	· white (similar RAL 9010), painted Aluminium
915.022	· black (similar to E1/C35), anodised and brushed Aluminium

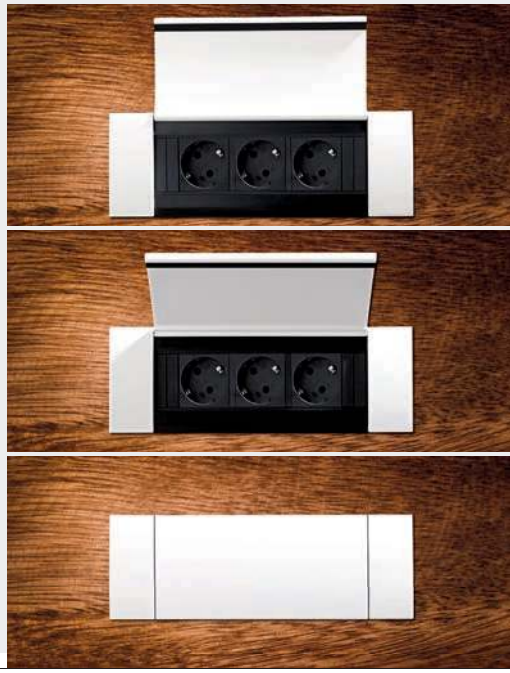
Aluminium power strips

Art. no.	Version
Power strips	**Length approx. 220 mm**
Anodised aluminium profile; fixed connection with power input 2.0 m H05VV-F 3G 1.5 mm² with end sleeves and earthing contact mounting plug (included separately)	
916.1192	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°
916.111	· 3 x French / UTE socket outlet, shuttered, black, set at 35°
916.1193	· 2 x socket outlet with earthing contact, shuttered, black, set at 35° · 1 x USB double charger (5.2 V / 2.15 A)
916.112	· 2 x French / UTE socket outlet, shuttered, black, set at 35° · 1 x USB double charger (5.2 V / 2.15 A)

You can also use the product configurator at bachmann.com



Dimensions in mm



U USB double charger for mobile devices

POWER FRAME

Compact and efficient

POWER FRAME is the compact solution for integrated and easily accessible power connections. Combining compact dimensions with high-quality timeless design, POWER FRAME opens up virtually unlimited application options.
The power strip can be simply clicked into the built-in frame from below.

The benefits at a glance

- Suitable for retrofitting
- Compact dimensions
- Versatile in application
- Quickly installs complete power strips
- Multitude of configuration options

Also available in other configurations

POWER FRAME built-in frame

Art. no.	Version
POWER FRAME 3-way built-in frame	**External dimensions: approx. 241 x 73 mm**
317.001	· Stainless steel
915.000	· Black similar to RAL 9005
915.001	· White similar to RAL 9010

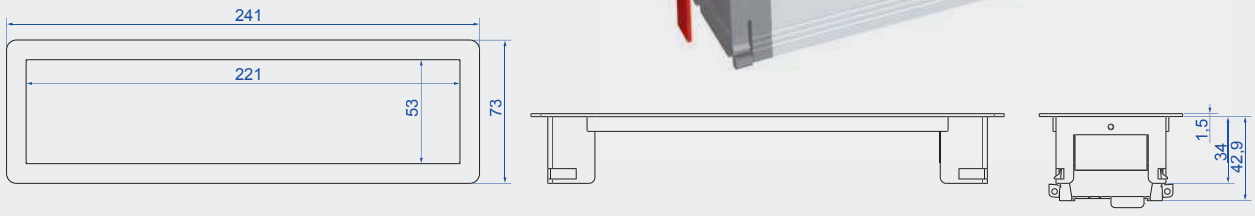
Aluminium power strips

Art. no.	Version
Power strips	**Length approx. 220 mm**
Anodised aluminium profile; fixed connection with power input 2.0 m H05VV-F 3G 1.5 mm² with end sleeves and earthing contact mounting plug (included separately)	
916.1192	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°
916.111	· 3 x French / UTE socket outlet, shuttered, black, set at 35°
916.1193	· 2 x socket outlet with earthing contact, shuttered, black, set at 35° · 1 x USB double charger (5.2 V / 2.15 A)
916.112	· 2 x French / UTE socket outlet, shuttered, black, set at 35° · 1 x USB double charger (5.2 V / 2.15 A)

You can also use the product configurator at bachmann.com

The power strip is simply clicked into the built-in frame and the power cable plugged in on the rear.

Built-in frame for work surface thicknesses:	from 10 mm
Installation depth (of built-in frame):	approx. 36 mm
Corner radius for flush mounting:	R5
Total installation depth (with cables):	approx. 70 mm



Dimensions in mm

U USB double charger for mobile devices

CONI
Integrated functionality

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

When not in use, CONI fits neatly into the work surface. When you need power, data or media, simply open the cover, plug into a socket and close the cover again.
The integrated brush insert prevents the cables from jamming. The harmonious appearance of an even surface is retained.
With CONI you are free to decide how the socket outlets are configured because the power strip can be quickly replaced without any tools.

The benefits at a glance

- Integrated into your desktop or tabletop
- Suitable for retrofitting
- Minimum built-in depth, robust frame design
- Integrated brush insert for closing once cables have been connected
- Complete power strip can be quickly interchanged

Also available in other configurations and country versions

CONI built-in frame

Art. no.	Version
CONI short	**Stainless steel**
911.004	· Ground stainless steel, with integrated brush strip (black)

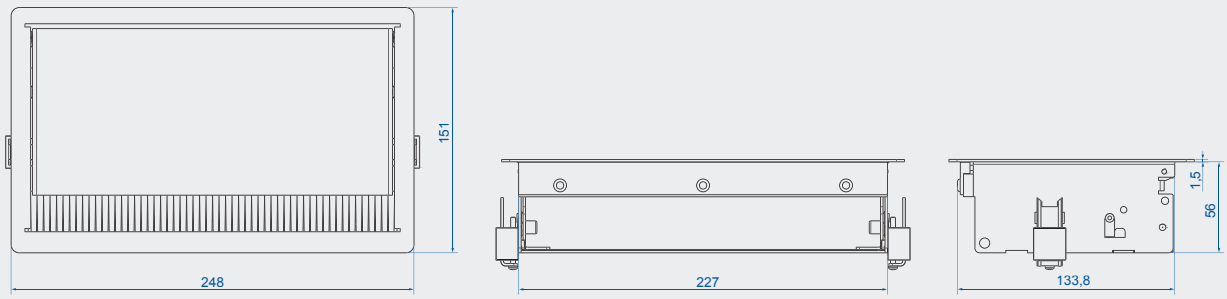
CONI power strips

Art. no.	Version
3 x power socket outlet	**Length: approx. 217 mm**
Anodised aluminium profile; power input: 0.2 m cable and GST18i3 plug	
333.1007	· 3 x socket outlet with earthing contact, shuttered, black, set at 35°

2 x power socket outlet + 1 x USB double charger (5.2V / 2.15 A)	**Length: approx. 217 mm** U
Anodised aluminium profile; power input: 0.2 m cable and GST18i3 plug	
912.0156	· 2 x socket outlet with earthing contact, shuttered, black, set at 35° · 1 x USB double charger (5.2 V / 2.15 A)

Supply cable

Art. no.	Length	Version
Device supply cable, GST18 earthing contact		**black**
375.075	2.0 m	· Cable: H05VV-F 3G 1.5 mm² · End 1: Right-angled earthing contact plug; end 2: Wieland GST18i3 socket



Dimensions in mm

U USB double charger for mobile devices

LIFT
High-tech in motion

LIFT is the totally practical combination of sophisticated looks and high-precision mechanical design. The unit is recessed neatly in the worktop 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.

This highly compact unit needs a drill hole only 140 mm in diameter for installation.
Built-in depth both open and closed is just 195 mm.

The benefits at a glance

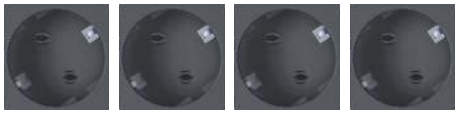
- Simply touch to raise
- Suitable for retrofitting
- Attractive looks all round
- Access points on 4 sides
- Incredibly compact dimensions
- Low built-in depth
- 4 plug-in units on 1 height unit

Also available in other configurations

Enclosure colour black + silver

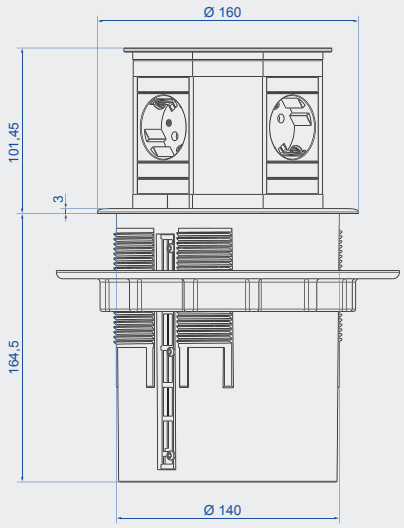
Art. no.	Version
LIFT black, 4 x power socket outlet	
Enclosure colour black; power input: 0.5 m cable and GST18i3 plug	
904.000	· 4 x socket outlet with earthing contact, shuttered, black, set at 35°
904.004	· 4 x French / UTE socket outlet, shuttered, black

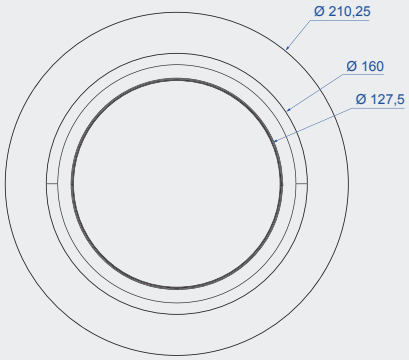
Art. no.	Version
LIFT silver, 4 x power socket outlet	
Enclosure colour silver; power input: 0.5 m cable and GST18i3 plug	
904.008	· 4 x socket outlet with earthing contact, shuttered, black, set at 35°
904.012	· 4 x French / UTE socket outlet, shuttered, black

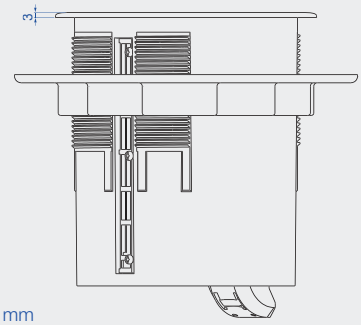


Hole saw	diameter 140 mm
For LIFT installation	
904.900	· Hole saw for clamping · 140 mm diameter
918.900	· Mounting tool for hole saw with centring drill

Similar to photo







Dimensions in mm

Wall / corner multiple-socket outlet

Elegant use of space in the modern kitchen

The universal power strip is an efficient solution providing an easy-to-access power connection in the kitchen. The power strip can be mounted in a corner or on the wall.
The cover surface with stainless steel look finish has a timeless design, suitable for any kitchen.
The power strip is available in different variants for example with rocker switch or USB double charger.

The benefits at a glance

- Quick and flexible in use
- For wall or corner mounting
- Suitable for retrofitting
- Timeless design
- Secure installation

Wall / corner multiple-socket outlet

Art. no.	Version
Wall / corner multiple-socket outlet	**Length: 458 – 580 mm** NEW
	Stainless steel look profile, kitchen variant; Power input: 2.0 m H05VV-F 3G 1.5 mm² with earthing contact mounting plug (included)
923.006	· 4 x socket outlet with earthing contact, shuttered, black
923.007	· 4 x socket outlet with earthing contact, shuttered, with 1 x rocker switch, black
923.008	· 4 x socket outlet with earthing contact, shuttered, with 1 x rocker switch, black · 1 x USB double charger
923.010	· 4 x French / UTE socket outlet, shuttered, black
923.011	· 4 x French / UTE socket outlet, shuttered, with 1 x rocker switch, black
923.012	· 4 x French / UTE socket outlet, shuttered, with 1 x rocker switch, black · 1 x USB double charger

U USB double charger for mobile devices

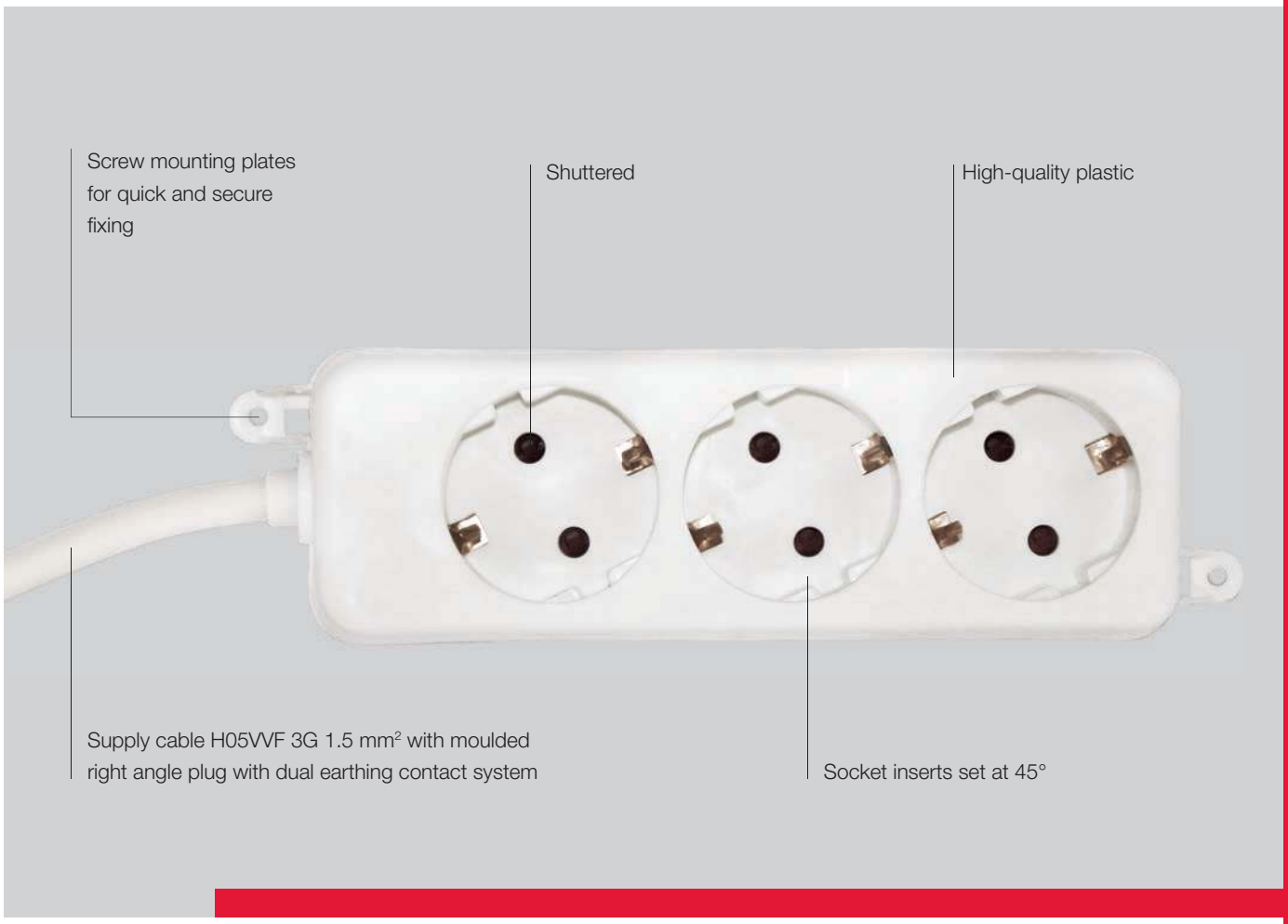
Kitchen connection box

The universal accessory for connecting hob and oven.

Art. no.	Version
Kitchen connection box	
Grey, with screw-mounting eyes, connected load up to 10 kW	
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	· 2 m kitchen connection box · Cooker connection socket 2 m; hob 2 m and oven 2 m
923.001	· 5 m kitchen connection box · Cooker connection socket 2 m; hob 5 m and oven 5 m
923.0011	· 5 m kitchen connection box PLUS · Cooker connection socket 5 m; hob 5 m and oven 5 m
923.002	· 10 m kitchen connection box · Cooker connection socket 2 m; hob 10 m and oven 10 m

The benefits at a glance

- No need to fit additional sockets
- The existing cooker socket can still be used
- Saves costs as no need to fit sockets later
- Rewirable WAGO® terminals
- Low built-in depth (approx.34 mm)
- Also utilizable for induction cooker



SELLY + SMARTLINE

Art. no.	Version	Unit
SELLY 3 x socket outlet with earthing contact with screw mounting plates		**Dim.: approx. 160 x 50 x 40 mm**
3 x socket outlet with earth contact, set at 45°, shuttered		
Supply cable: H05VV-F 3G 1.50 mm² with right-angled earthing contact plug		
387.274S	· 1.5 m supply cable, white	20 items
387.275S	· 3.0 m supply cable, white	20 items
SELLY 3 x socket outlet with earthing contact without screw mounting plates		**Dim.: approx. 160 x 50 x 40 mm**
387.270S	· 1.5 m supply cable, white	20 items
387.271S	· 3.0 m supply cable, white	20 items
SELLY 6 x socket outlet with earthing contact without screw mounting plates		**Dim.: approx. 275 x 50 x 40 mm**
6 x socket outlet with earth contact, set at 45°, shuttered		
Supply cable: H05VV-F 3G 1.50 mm² with right-angled earthing contact plug		
381.241S	· 1.5 m supply cable, white	20 items

Art. no.	Version	Unit
SMARTLINE 3 x French / UTE		**Dimensions: approx. 185 x 56 x 41 mm**
Rewirable, without switch		
3 x French / UTE socket outlet, shuttered		
388.270F	· 1.5 m supply cable, white	20 items
388.271F	· 3.0 m supply cable, white	20 items

Cooker connecting cable with end sleeves PVC, 70 °C

Also available in 25 m and 50 m rings

· End 1: 50 mm stripped with end sleeves
· End 2: 110 mm stripped with end sleeves, 140 mm green/yellow protective conductor

Art. no.	Length	Colour	Unit
H05VV-F 5G 1.50 mm²			**Diameter: approx. 9.5 mm**
Without packaging			
116.270	1.5 m	· White	50 items
116.271	2.0 m	· White	50 items
116.272	3.0 m	· White	30 items
Individually packed			
116.280	1.5 m	· White	50 items
H05VV-F 3G 2.50 mm²			**Diameter approx. 10.1 mm**
Without packaging			
118.270	1.5 m	· White	50 items
H05VV-F 5G 2.50 mm²			**Diameter: approx. 11.3 mm**
Without packaging			
119.270	1.5 m	· White	50 items
119.271	2.0 m	· White	30 items
119.272	3.0 m	· White	20 items
Individually packed			
119.280	1.5 m	· White	1 item
119.281	2.0 m	· White	1 item
119.283	5.0 m	· White	1 item

Cooker connecting cable with fork-type lugs PVC, 70 °C

Also available in 25 m and 50 m rings

· End 1: 50 mm stripped with end sleeves
· End 2: 110 mm stripped with fork-type lugs M5, 140 mm green/yellow earth conductor

Art. no.	Length	Colour	Unit
H05VV-F 5G 2.50 mm²			**Diameter: approx. 11.3 mm**
Without packaging			
119.274	2.0 m	· White	30 items
119.203	5.0 m	· White	30 items

Cooker connection socket 16 A/380 V~

· Duroplast version for surface or flush mounting
· Quick and easy to connect thanks to spacious terminal area
· Clamping range: 0.75–2.5 mm² for 55 mm wall socket

Art. no.	Colour	Unit
Cooker connection socket		
16 A/380 V~		
· For 55 mm wall boxes / height 23 mm		
190.270	· White	20 items

Device connection socket 16 A/380 V~

· Thermoplastic version for concealed wiring mounting
· Easy to fit with removable terminal block and snap-lock cover
· With screw terminal 5 x 2.50 mm² and strain relief
· For 55 mm wall socket/height 14 mm

Art. no.	Colour	Unit
Appliance junction box		
190.271	· White	20 items

Earthing contact extension cable, 16 A / 250 V~ , PVC, 70 °C

· End 1: Right-angled earthing contact with dual earthing contact system, moulded
· End 2: Earthing contact coupling, moulded, with extra shuttering in coupling

Art. no.	Version	Unit
Earthing contact extension, white, cable: H05VV-F 3G 1.50 mm²		
341.200S	· 2 m	50 items
341.201S	· 3 m	50 items
341.202S	· 5 m	30 items
341.203S	· 10 m	20 items

Spiral earthed contact extension cable, PVC, elongation factor 1:4, 70 °C

· End 1: Central plug with dual earthing contact system, moulded
· End 2: Earthing contact coupling, moulded

Art. no.	Coil length	Operating length	Version	Unit
Spiral earthed contact extension cable, PVC				
H05VV-F 3G 1.50 mm², diameter approx. 8.4 mm, CID: approx. 10 mm, CED: approx. 27 mm				
672.280	500 mm	2000 mm	· White	20 items
672.281	1000 mm	4000 mm	· White	20 items

Earthing contact supply cable, PVC, max. 16 A / 250 V~, 70 °C

· End 1: Right-angled earthing contact with dual earthing contact system, moulded
· End 2: 30 mm stripped with end sleeves

Art. no.	Length	Colour	Unit
H05VV-F 3G 1.50 mm², diameter approx. 8.0 mm			
Without packaging			
305.274	2.0 m	· White	50 items
305.275	3.0 m	· White	50 items
305.276	5.0 m	· White	30 items

Art. no.	Version	Unit
Flanged earthing contact plug/angled		
H05VV-F 3G 1.50 mm²		
· Unbreakable construction, with side entry		
911.270	· White	40 items
Earthing contact coupling		
H05VV-F 3G 1.5 mm²		
· Small, break-proof design made from plastic		
912.270	· White	50 items
Earthing contact mounting plug		
H05VV-F 3G 0.75 / 1.0 / 1.5 mm²		
· With dual earthing contact system and nickel-plated contacts, e.g. Germany and France		
· Small, break-proof design with separate strain relief, no parts that can be lost		
910.200	· White	10 items
Lamp holder, pre-wired		
E 27		
· 60 W plastic E 27 holder; 0.2 m H03VV-F2x 0.75 mm²; black; supplied in quantities of 20 only		
641.170	· With 2-pin terminal block	20 items

Art. no.	Version
Overload protection-power strip type 8110	
2 x 230 V~, 50 Hz / 16 A	
924.164	· For connecting two devices with high power consumption (e.g. washing machines and driers) · 1.5 m connector cable with plug · 1 socket outlet with automatic cut-out, power dependent, 1 socket outlet for continuous power · Screw-on

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 equipment and media.

Audio jack or tip-ring-sleeve (TRS) connector
Internationally accepted electrical connector for AC or DC in the low-voltage (SELV - safety extra-low voltage) range. Jack plugs, sockets and couplings are used most typically for audio signals or for connecting a small electronic device to a power supply unit. 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 connectors – Bayonet Neill Concelman
These are coaxial 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.

CAT
In data connection technology the following main categories and classes for equipment performance are generally accepted:

Category	Class	MHz	GB
CAT5e	D	100	1
CAT6	E	250	1
CAT6a	E	500	10
CAT7	F	600	10
CAT7a	F	1000	

The difference between category and class is that the individual components such as cable, socket, connector etc. are graded into categories. The overall performance of the sum of these components, i.e. of the complete data network, is referred to as the class. The class of the network as a whole is thus determined by the weakest components. Example: CAT6 cable and plug are connected to a CAT5e socket, the overall network therefore attains only class D. A distinction is made in data connection equipment between shielded and unshielded components. Worldwide, unshielded versions are most commonly used; however, in Germany almost 100 % of cabling is shielded. The currently applicable standard for this area of data connection technology is summarised in EN 50173.

Cinch (RCA)
For non-standardised connectors for 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)**

Control unit
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 e.g. where two computers are connected together directly. Instead of a crossover cable, an uncrossed cable can also be used in conjunction with a crossover adaptor to obtain the required crossing of wire pairs. The simplest use of a crossover cable is to link two computers with network cards without necessarily requiring a hub or switch. The two computers thus connected 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 crossed with the received data wire at one end, so that data exchange is possible over a direct connection. If the send and receive wires had not been swapped at one end, no link between the machines would be obtained.

CVBS
See **Cinch (RCA)**

Display port
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 free of charge. So far, commercial broadcasters have only used DVB-T in urban areas.

DVB – Digital Video Broadcasting
By 2010 all radio and TV channels in Germany are expected to be transmitted via digital video broadcasting (DVB). The transmission paths available are terrestrial frequencies (DVB-T), cable (DVB-C) and satellite (DVB-S). A mobile radio standard (DVB-H) is still at the testing stage. In all cases a special receiver is required to receive the signal.

DVI – Digital Video Interface
A digital interface for video signals. In this system the sound has a separate input. The high-definition (HD) formats however use the new HDMI input. There are three different types of digital video interface:
DVI-A transmits analogue signals only;
DVI-I is capable of transmitting both analogue and digital signals, while
DVI-D transmits digital signals only. If the new TFT monitor has a DVI-D interface, the old graphics card with analogue VGA output cannot be connected to it.

EIB
The European Installation Bus (EIB) is a standard to EN50090 that describes how sensors and actuators should be connected together in a domestic installation. It also defines the communications protocol. The EIB thus controls, for example, lighting and shutters or other shade-providing devices, heating, locking and alarm systems. EIB has subsequently been further developed and been known since 2002 as the KNX standard.

Ethernet
A protocol that controls data transfer in local area networks (LANs). This standard was developed by the Californian Xerox corporation in 1976.

F-plug-in connectors
(IEC 60169-24) are coaxial plugs with screw locking designed for high frequencies up to about 5 GHz with a defined wave impedance of 75 Ω. The most commonly used 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 picture and sound information 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
Hi-Fi (high fidelity) is a quality standard for audio playback equipment.

Hosiden
See **S-video**.

Impedance
Impedance, sometimes also known as AC resistance, states the ratio of electrical voltage across a consumer (component, cable etc.) to the current drawn. Impedance is important when matching high-frequency cables and also in the transmission of electromagnetic waves in free space. If for example the input impedance of a device does not match that of the incoming cable, reflections occur that reduce the energy transmitted and this may result in resonance effects and thus a non-linear frequency response.

ISDN – Integrated Services Digital Network
International standard for a digital telephone network. Allows multiple channels to transmit simultaneously. A basic ISDN connection offers the user two independently available channels for telephone or internet. Bandwidth is 64 kb/s.

Keystone
Universal dimensions (19.3 x 14.7 mm) for cutouts for mounting components.

KNX
KNX technology resulted from the confluence of three 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 expansions using new configuration mechanisms and transfer media that had originally been developed for Batibus and EHS. By 2003 KNX was ratified by CENELEC, the Brussels-based European committee for electrical standards, as European Standard EN 50090. Shortly afterwards it was ratified by the CEN standards institute under EN 13221-1 as the European standard for the automation of buildings.

LAN – Local Area Network
Computer network that links various computers and peripheral devices via cables or wireless over a restricted physical area.

LC
This connector is similar to the SC but smaller.

Loudspeaker connections
Stereo (red + white) screw terminals for 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 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 accepts two fibres; the junctions are embedded in a common plastic block in the shape of a RJ 45 connector. This design also prevents any confusion of the outward and return line and is easy to insert and to remove. This connector is suitable for single-mode and multi-mode fibres.

MUTE
Switching of audio devices to silence.

Overvoltage protection with filter
Overvoltage protection - conforms to DIN VDE 0620-1:01-2002, EN 61643-11:08-2007, type 3, discharge current 6.5 kA, response time < 25 nS. Suitable for 16 A (miniature fuse on request) with varistors, temperature fuse, gas discharge arrester, visual LED function and failure indicator (acoustic signalling also available on request). Mains and frequency filters - conforming to VDE 0565-3:05-2006 for voltage peaks up to 30 MHz, damping diagram on data sheet.

OWG - Optical waveguides
Cables made up of, or including, optical fibre conductors with 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 e.g. transmitting digital data electrically.

PowerCON
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.

Pushbutton: automatic switchoff
Power strips that feature an automatic switchoff device are used to automatically switch off the power to the connected equipment. Pressing the button subsequently restores power to the connected equipment.

Pushbutton: stainless steel
For connecting by the user to control equipment and media

Pushbutton
Illuminated blue, various types, e.g. in desk control panels for controlling equipment. Rocker buttons are used for up/down control of external devices, e.g. screen, blinds etc.

RCA
See **Cinch (RCA)**

RGB signal
In a RGB signal the colours red, green and blue are each transmitted and/or stored in their own channel. RGB signals are used for video transmission e.g. on computers with a VGA interface or in video systems with SCART connections.

RJ (registered jack) connectors
These are standardised connectors for telecommunications cables. The standards describe the physical form of plugs and sockets and their contact configurations, and are designated by the letters RJ and a number (e.g. RJ-45), with or without the hyphen. Examples: RJ12 6P6C / RJ45 8P8C

RJ12
see **RJ (registered jack) connectors**

Router
A device that forwards data packets though various networks. The router serves to calculate the connections between, for example, two local networks (LANs) and automatically establishes the optimum path for the data packets.

RS-232
Serial interface standard with 25-pole or 9-pole connector for serial data transmission. Also known as V.24. Both one-to-one pinouts and crossover configurations are commonly used.

S-VHS – Super Video Home System
An improved, downward compatible VHS standard for home video-band recording that offers better picture resolution and greater colour accuracy. Horizontal image resolution is some 2/3 better than in VHS. S-VHS is a standard, not a connector. The S-VHS standard signal may however be transmitted via the S-video (Hosiden) connector.

S-video / Super Video system
S-video, also known as the Y/C process, designates a special analogue video signal process in which the 'luminance' (brightness) information is transmitted and processed separately from the 'chrominance' (colour information). An example application of S-video is in VHS video recorders.

SC
An optical connector used in new LAN installations. The right-angled design can be used for multi-mode and single-mode (monomode) 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 connectors linked by a duplex clip) and duplex connections can be inserted or removed simultaneously.

Speakon
A connector designed for loudspeakers, offering a robust construction, a 20 A contact current capacity and secure interlocking. Speakon connectors are available in two-pole, four-pole and eight-pole versions; the 2-pole and 4-pole types are mutually compatible. The eight-pole version has a larger physical size. The number of contacts available in a single connector makes it possible to connect multi-channel passive systems, satellite subwoofer systems or multi-channel monitor loudspeaker constellations via a single cable.

ST
This connector (also known as a BFOC connector) is common in LANs and is suitable for single-mode and multi-mode optical fibre cables. Average insertion loss is about 0.3 dB, maximum approx. 0.5 dB.

Switch
A network component for linking multiple computers or network segments within a local area network (LAN). Switches analyse network traffic and make logical decisions.

TOSLINK
A standardised optical waveguide connection system for 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 18Mbps.

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 operating, 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 connections. 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 type with earthing contact 35° / 90° — **Earthing contact**

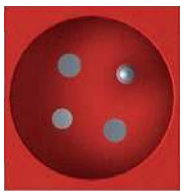
Earthing contact socket insert, 16 A/250 V~ max. 3600 W

· Conforms to DIN VDE 0620-1 Design DIN 49 440
· Colours: black, red, white, grey
· set at 35°
· Module width 42.5 mm
· For use in: Germany, Austria, Netherlands, Italy (some regions), Spain, Portugal, Sweden, Norway, Finland, Slovenia, Romania, Hungary, Afghanistan, Andorra, Vatican City, San Marino, Estonia, South Korea, Indonesia, Iceland, Chile, Bulgaria

M-UTE 35° / 90° — **France**

Earthing contact socket insert UTE / France, 16 A/250 V~ max. 3600 W

· Conforms to NF C 61-314
· Shuttered
· Colours: black, red, white, grey
· set at 35°
· Module width 42.5 mm
· For use in: France, Belgium, Poland, Monaco, Slovakia, Czech Republic



M-UTE for IT red — **France**

Earthing contact socket insert, UTE / France, for IT, red, 16 A/250 V~ max. 3600 W

· Conforms to NF C 61-314
· Shuttered and with additional plug fuse
· Colour: red
· set at 35°
· Module width 42.5 mm
· For use in: France, Belgium, Poland, Monaco, Slovakia, Czech Republic

M-CH 0° / 90° — **Switzerland**

Earthing contact socket insert, Switzerland CH, 10 A/250 V~ max. 2500 W

· Conforms to SEV 1011:98
· Colours: black, red
· set at 0°
· Module width 35 mm
· For use in: Switzerland, Liechtenstein

M-USA 0° — **USA**

Earthing contact socket insert, USA, 15 A/115 V~ max.

· Conforms to UL
· Colour: black
· set at 0°
· Module width 32 mm
· For use in: USA, Canada, Mexico, South America (some regions)

M-UK FUSE 45° — **UK**

Earthing contact socket insert, UK, individually fused 3.15 A/240 V~ or 5 A/240 V~

· Conforms to BS 5733:1995
· Individually fused, either 3.15 A or 5 A
· Shuttered
· Colour: black
· set at 45°
· For use in: UK as per standard for office furniture

M-UK 90° — **UK**

Earthing contact socket insert, UK, 13 A/240 V~

· Conforms to BS 1363
· Shuttered
· Colour: black
· set at 90°
· Module width 54 mm
· For use in: UK, Ireland, Singapore, Malaysia, Cyprus, Malta, Hong Kong, Dubai

M-IT 35° Italy

Earthing contact socket combination/Italy 10A/230V or 16A/230V~

- Shuttered
- Colour: black
- set at 35°
- Module width 45 mm
- For use in: Italy, South Tyrol, South America (some regions)

M-AUS 90° Australia

Socket outlet combination, Australia, 10A/250V

- Conforms to AS/NZS 3112
- Colour: black
- set at 90°
- Module width 45 mm
- For use in: Australia, New Zealand, Argentina

M-CN 90° China

Earthing contact socket insert, China, 10A/250V

- Conforms to CCC
- Colour: black
- set at 90°
- Module width 42.5 mm
- For use in China

M-DK 35° Denmark

Earthing contact socket insert, Denmark, domestic, 10A/250V~

- Conforms to DS/IEC 60884-1:2004
- Colour: black
- set at 35°
- Module width 42.5 mm
- For use in: Denmark

M-DK EDV 35° Denmark

Earthing contact socket insert, Denmark, for IT, 10A/250V~

- Conforms to DS/IEC 60884-1:2004
- Colour: black
- set at 35°
- Module width 42.5 mm
- For use in: Denmark

M-IEC 10A

Earthing contact socket insert, non-heating appliance socket, 10A/250V~

- Conforms to IEC 320
- Colour: black
- set at 90°
- Module width 42.5 mm
- Can be used internationally

M-IEC 16A

Earthing contact socket insert, non-heating appliance socket, 16A/250V~

- Conforms to IEC 320
- Colour: black
- set at 90°
- Module width 42.5 mm
- Can be used internationally

M-GST18i3

Earthing contact socket insert GST18i3 16A/250V~

- Conforms to DIN VDE 0628
- Colours: black, red, white, pebble grey
- set at 90°
- Module width 42.5 mm
- Can be used internationally

3-pole plug systems with earthing contact

Suitable for all European countries except parts of Switzerland, Italy and UK.

Right angle plug with earthing contact 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 Type 31

With dual earthing contact system

Suitable for (e.g.):
- H03VV-F 3G 0.75 mm²
- H05VV-F 3G 1.00 mm²
- H05VV-F 3G 1.50 mm²
- 05RV4-F 3G 0.75 mm²
- H03V4V4-H 3G 1.00 mm²
- H03RT-H 3G 0.75 mm²

Central plug with earthing contact Type 32

With dual earthing contact system and splashwater protection

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

Earthing contact coupling Type 34

Suitable for (e.g.):
- H05VV-F3G 1.00 mm²
- H05VV-F 3G 1.50 mm²
- H05VV-F 3G 2.50 mm²
- H07RN-F 3G 1.00 mm²
- H07RN-F 3G 1.50 mm²

Swiss plugs and couplings

SEV-tested version.

Swiss plug Type 11, 10 A

2-pole

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

Swiss plug Type 12, 10 A

3-pole

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

Swiss coupling Type 11 D

2-pole

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

Swiss plug Type 23, 10 A / 16 A

3-pole

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

International plugs

Plug with protection class 0 **Type 44**

2-pole

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

UK plug **Type 45-2, 13A**

2-pole, moulded, with 13A fuse fitted

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

UK plug **Type 45, 13A**

3-pole, moulded, with 13A fuse fitted

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 **Type 46-2**

2-pole

Cable types to suit your requirements.

USA plug -UL/CSA **Type 46**

3-pole

Cable types to suit your requirements.

Italy plug **Type 49, 10A**

3-pole

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

Italy plug **Type 50, 16A**

3-pole

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

Denmark plug **Type 47, 10A**

3-pole

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

Denmark right angle plug **Type 47W, 10A**

3-pole

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

Denmark IT plug **Type 48, 10A**

3-pole

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

Denmark right angle plug **Type 48W, 10A**

3-pole

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

2-pole plug systems without earthing contact

Suitable for all European countries except parts of Switzerland, Italy and UK.

Euro flat plug **Type 20 F**

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

Euro flat plug **Type 20**

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

Contour plug **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

Contour plug **Type 24 K**

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

Contour plug **Type 24 S**

Splashwater protected, impact 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

IEC appliance connectors

Non-heating appliance plug, central — **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 appliance plug, central — **Type 35 S**

3-pole, 70 °C

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

Non-heating appliance socket outlet, central — **Type 35-2**

2-pole, 70 °C

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

Non-heating appliance socket outlet, central — **Type 35**

3-pole, 70 °C

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

Side-entry non-heating appliance socket — **Type 35-2 W**

2-pole, right, left, 70 °C

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

Side-entry non-heating appliance socket — **Type 35 W**

3-pole, right, left, 70 °C

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

Socket outlet for small appliances — **Type 25 D**

120 °C, mounted

Suitable for (e.g.):
· H03VVH2-F 2 x 0.75 mm²

High-temperature appliance socket — **Type 37**

155 °C, mounted

Cable types to suit your requirements.

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