



# Complete catalogue **2021**

**BACH  
MANN**



**Peter Bachmann** | CEO



Dear reader

Aristotle once said that we cannot change the wind, but we can set the sails differently. This is also true centuries later: hardly ever before has a generation learned and applied sail setting, direction correction as quickly as in the last months. Always with the credo, to sail with a clear strategy on sight, we have brought the future much closer at a rapid pace, and in doing so we have also taken up meaningful new paths. As challenging as the current times are, they are also exciting and full of opportunities.

It has been clear for a long time that digitization is disruptive – the rules of the game in our business are changing fundamentally and brutally. It is new that we are suddenly in the midst of a situation in which, at the beginning of 2020, we were not yet able to foresee the timing, nature, and extent of this change with any clarity. Welcome to perhaps the most exciting phase of our time.

We are in the middle of a permanent process of change that requires courage and above all openness for new things. New thinking, new approaches, new topics that we may not yet know or not know well. What distinguishes us on the other hand is the core of a knowledge society in which more knowledge than ever before is available. The challenge is to use this knowledge in a precisely fitting, value-adding and value-driving way.

To achieve this, we often use excellent skills and processes in combination with emotional intelligence and create unique added value for our generation.

All this is part of our daily work and the basis of our strategic orientation. Based on our five core values – Future Viability, Authentic You, Respect, Passion and Trust - we want to offer you relevant added value. Behind these values are fantastic people at BACHMANN, who work with you full of inspiration and personal commitment to select and implement the products and system solutions that are individually tailored to your needs. Your benefit and differentiation is our goal.

Take us at our word and check our offer to you. We look forward to promoting your Life Quality as well. Because that is exactly what it's all about: not more, higher, faster, but better, more valuable and more sustainable - especially now in these special times.

We wish you continued success on your way to a Life Quality that is right for you personally, authentic and holistic.

Yours faithfully,  
Peter Bachmann

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# QUICK FINDER

<b>Power distribution</b> Multiple-socket outlets   Distributor   Adapters   Plugs/couplings   Power cables   Cable management	POWER DISTRIBUTION
<b>Connection panels</b> Integrated units   Surface-mounted units   iotspot   Floor units	CONNECTION PANELS
<b>Network and media technology</b> Custom Modules   Active media-technology components   Data cables   Audio/video cables	NETWORK AND MEDIA TECHNOLOGY
<b>Independent Systems</b> Independent Monitor   Independent Workplace	INDEPENDENT SYSTEMS
<b>Monitor Arms</b> ZG1	MONITOR ARMS
<b>Lamps</b> Mobile   Stationary	LAMPS
<b>Electrotechnical accessories</b> inter BÄR	ELECTROTECHNICAL ACCESSORIES
<b>IT power distribution</b> Power Distribution Units (PDU)	IT POWER DISTRIBUTION

# About us

IT power distribution



HOME

**70** years of  
experience

in developing, manufacturing and  
distributing high-quality power  
distribution solutions

WE  
**power**  
YOUR LIFE.

BASED IN  
  
STUTTGART



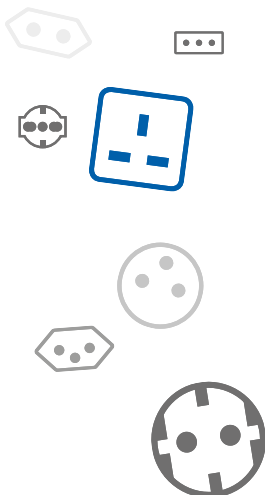
HOTEL

over **2 000**  
standard products

  
**1947**  
Year founded

AROUND **30**  
TRADING PARTNERS  
WORLDWIDE

POWER DISTRIBUTION UNITS



PROVIDING  
**LIFE**  
QUALITY

AROUND  
**800**  
EMPLOYEES  
WORLDWIDE



OFFICE

BlueNet series  
**BN3000 – BN7500**

## Research & development

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



## Sales channels

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

## Production

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



# Product innovations

## **iotspot** | P. 169

The office of tomorrow – available today for employees and facility managers.

Do you know the real extent of workplace utilisation in your building? Or perhaps you already have a desk-sharing model, but one where actually finding a place to work is difficult? A real nightmare for employees. And for employers? That's quite simple: expensive office space standing empty.



## **USB-A&C and USB-C**

The new way to charge: the new USB-A&C and USB-C charging modules from BACHMANN provide the ideal solution for any application. With the innovative charging technology, any electronic device can be charged quickly and safely without an external mains adapter. Thanks to the integrated USB Power Delivery (PD) and Qualcomm® Quick Charge™ (QC) support, fast charging is just one of the many benefits.



## **Independent Workplace**

| P. 214

Project-based, flexible working, whether in a team or alone – with the Independent Workplace from BACHMANN. Cutting-edge features are no longer just a vision of the future. Various scenarios can now be incorporated into daily routines. From mobile touchdown areas to fully fledged workplaces: the Independent Workplace's modular system enables maximum flexibility.



## **ZG1 Monitor Arm** | P. 220

ZG1 Monitor Arm not only features impressive ergonomics and convenient positioning. Its design is also a real highlight. In keeping with the Clean Desk principle, cables are simply hidden by cover plates that can be removed easily. Magnetic covers complete the appealing, contemporary design.



## **PIX holder** | P. 137

Whether concealed under the couch or visible on the desk: you can mount our PIX designer range wherever you want using the PIX Holder.



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## **Surge protection** | P. 268

Even more protection for sensitive devices: the new replaceable surge protection device provides ideal protection for sensitive and expensive IT end devices.



# Technologies and function modules

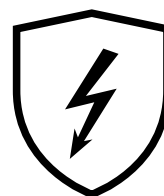
BACHMANN products are distinguished by their functionality and high technical standards. It is important to us that we tailor our products as specifically as possible to you. So, in addition to the standard functionalities, our products can be configured with the technologies and function modules presented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

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

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## Surge protection

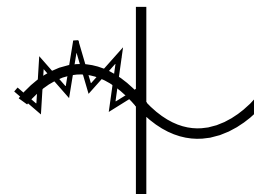
These days, the failure of electrical and electronic devices is a real nightmare scenario. Protecting such devices from excess electrical voltage is therefore a key task. Don't worry: the BACHMANN strips with built-in surge protection are the answer.



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## Mains and frequency filter

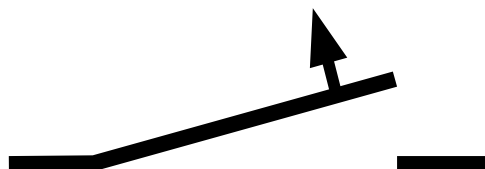
Mains and frequency filters ensure effective screening and smoothing of the input voltage. Only 'clean' voltage gets through our mains and frequency filters. Voltage stabilisation and the filtering-out of disturbance frequencies enables the connected device to run correctly and faultlessly.



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## Residual current circuit breaker/miniature circuit breaker

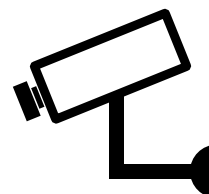
The residual current device/miniature circuit breaker integrated into a BACHMANN strip gives you peace of mind. You can choose between the two circuit breakers; a combination of the two is also possible, of course.



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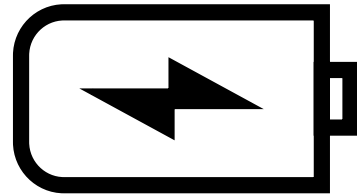
## Anti-theft bracket

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



### USB chargers (fixed installations and Custom Modules)

USB chargers from BACHMANN are able to supply all standardised voltage profiles to the load. This enables fast and intelligent charging. Furthermore, the chargers feature integrated current limitation and protection against excessive temperatures. Their compact design means that they can be integrated into all conventional BACHMANN products.



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### iotspot

With iotspot integrated into a BACHMANN design connection panel, such as the DESK 2, it is quick and easy to search for, find and reserve workstations. And facility managers will receive detailed data and analyses on workplace utilisation, yielding valuable knowledge for cost optimisation.



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### Type B Residual Current Monitoring (RCM)

Using type B Residual Current Monitoring (RCM) allows changes in the level of insulation of the power supply to be detected promptly, before protective devices are tripped by a residual current that puts people at risk and involves the risk of fire which would lead to the triggering of safety mechanisms and thus the failure of critical IT infrastructure.

This time advantage allows counter measures to be planned and contributes to the high availability of the power supply and, therefore, the data centre.





# Information on the page structure

## FINDING YOUR WAY AROUND

The new catalogue structure features three levels: product family, product category and product variant.

## QUICK FINDER

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

## PRODUCT DETAILS

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

ANSCHLUSSFELDER

● Anschlussfelder | Einbau | LOOP IN



## LOOP IN

Sie finden Kabeldurchführungen nicht interessant? Dann kennen Sie LOOP IN noch nicht! Der clevere Funktionseinsatz kann schnell und einfach montiert werden und bietet neben der praktischen Kabeldurchführungsfunktion für verschiedene Kabelstärken eine Schutzkontaktsteckdose, verpackt in modernem, elegantem Design. Einfach einsetzen und verriegeln – fertig!

Der Einsatz eignet sich ideal überall dort, wo Strom benötigt und dem Kabelsalat ein Ende gesetzt werden soll. Für hochwertigere Varianten mit Metall-Finish kann LOOP IN in Verbindung mit LOOP ROUND eingesetzt werden.

### VORTEILE

- Einfache Montage und flexibler Austausch
- Durchführung von 4 Kabeln möglich
- Passend für 80mm Standardbohrungen
- In Kombination mit LOOP ROUND verwendbar



### LOOP IN

- Funktionseinsatz zur Integration in LOOP ROUND | Passend für 80 mm Standardlöcher
- 2 x Kabeldurchführung Ø:7 mm | 2 x Kabeldurchführung Ø:10 mm
- Stromeingang: 2,0m Leitung mit montiertem Stecker

#			
<b>Schwarz (ähnlich RAL9005)</b>			
938.001	1		
938.002			1
<b>Weiß (ähnlich RAL9003)</b>			
938.101	1		
938.102			1



ANSCHLUSSFELDER

### PRODUCT TABLES

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



Perfekt kombinierbar mit der  
Kabeldurchführung LOOP ROUND



LOOP IN  
Stromseinsatz mit  
Kabeldurchführung  
938.001



LOOP ROUND  
Grau metallisch  
938.303



LOOP ROUND  
Schwarz  
938.301



LOOP ROUND  
Weiß  
938.302



LOOP ROUND  
Edelstahl-Optik  
938.304

Die passende Kabeldurchführung LOOP ROUND finden Sie auf Seite 96.

### ADDITIONAL PRODUCT INFORMATION

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

### COMPATIBLE ADDITIONAL PRODUCTS

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

Piktogramme und ihre Bedeutung finden Sie auf Seite 99.

www.bachmann.com 141

### PICTOGRAMS AND THEIR MEANINGS

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

# Power distribution





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# CONNECT LINE

The socket strip offers a range of different mounting options. It is also rewirable and stands out with its compact design.

With its compact external dimensions, the CONNECT LINE socket strip is perfectly suited to many different uses in both private households and businesses. The large product range of socket versions offers the perfect solution for every application. The products are also available with optional USB chargers, surge protection and switches. The supplied mounting brackets allow you to install the CONNECT LINE flexibly in 30° stages.

With this combination of compact dimensions, stylish design and versatile product versions, CONNECT LINE is a functional power supply tool in the home, office and beyond.

## BENEFITS

- **Compact socket strip**
- **Versatile components**
- **USB double charger or surge protection**
- **Flexible mounting options**
- **Plug & Play**

**CONNECT LINE**

- Profile: Black plastic
- Supply cable: 2.0 m H05VV-F 3G 1.5 mm<sup>2</sup> with right-angled plug with earthing contact

#								
420.0019	8	35°					•	438 x 53 x 52 mm
420.0014	7	35°	•				•	438 x 53 x 52 mm
420.0018	6	35°					•	353 x 53 x 52 mm
420.0022	5	35°	•	•			•	396 x 53 x 52 mm
420.0211	5	35°	•			A&C 22W	•	461 x 53 x 52 mm
420.0021	5	35°	•			A/A 15W	•	406 x 53 x 52 mm
420.0013	5	35°	•				•	353 x 53 x 52 mm
420.0012	4	35°	•				•	311 x 53 x 52 mm
420.0017	4	35°					•	268 x 53 x 52 mm
420.0068	3	35°		•	•		•	368 x 53 x 52 mm
420.0069	3	35°		•			•	278 x 53 x 52 mm



420.0019



420.0014



420.0018



420.0022



420.0021



420.0017



All items including mounting brackets

**Surge protection with filter:**

Surge protection – complies with DIN EN 61643-11:2013-04; VDE 0675-6-11:2013-04, type 3, leakage current 6.5 kA, response time < 25 ns. Suitable for 16 A (micro fuse on request) with varistors, thermal fuse, gas discharge arrester, optical LED function and failure display (acoustic signalling also available on request). Mains and frequency filters – conforming to DIN EN 60939-1:2011-04; VDE 0565-3:2011-04 for voltage peaks up to 30 MHz, damping diagram on data sheet.



# PRIMO 2

In addition to its high-quality materials and handy features, PRIMO 2 is distinguished by its contemporary design. Variable, screw-free end caps ensure its confident style. At the same time, the cable rewind helps with tidiness and an optional design strap ensures maximum flexibility. Whether suspended horizontally, screwed on or hanging vertically – PRIMO 2 is attractive and the perfect choice of power distribution for any contemporary office or home.

Function meets design: PRIMO 2 impresses with its new technical, application-specific, and user-oriented variants. For example, surge protection, a USB-A&C charger or a classic residual-current device can all be custom-integrated.

## BENEFITS

- **Screw-free end caps**
- **Concealed mounting possible**
- **Tidier with cable rewind**
- **Optional suspension strap**
- **Sleek, appealing design**

## AWARDS

**DESIGN PLUS**

powered by: **light+building**



reddot winner 2020

**PRIMO 2**

- Anodised black aluminium profile

#								
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**P40** | Supply cable: 2.0 m H05VV-F 3G 1.5 mm<sup>2</sup> with right-angled plug with earthing contact

350.080					6	35°	•	432 x 64 x 45 mm
350.081					6	35°		423 x 64 x 45 mm
350.083					3	35°	•	321 x 64 x 45 mm
350.082					3	35°		259 x 64 x 45 mm

**Socket outlet with earthing contact** | Supply cable: 2.0 m H05VV-F 3G 1.5 mm<sup>2</sup> with right-angled plug with earthing contact

350.001	6					35°	•	422 x 64 x 45 mm
350.000	6					35°		379 x 64 x 45 mm
350.006	3					35°	•	294 x 64 x 45 mm
350.007	3					35°		251 x 64 x 45 mm

**Swiss socket** | Supply cable: 2.0 m H05VV-F 3G 1.5 mm<sup>2</sup> with Swiss plug

350.070				6 (T13)		90°	•	452 x 64 x 45 mm
350.071				6 (T13)		90°		443 x 64 x 45 mm
350.073				3 (T13)		90°	•	341 x 64 x 45 mm
350.072				3 (T13)		90°		272 x 64 x 45 mm

**UK** | Supply cable: 2.0 m H05VV-F 3G 1.5 mm<sup>2</sup> with UK plug

350.030		6				45°	•	492 x 64 x 45 mm
350.031		6				45°		501 x 64 x 45 mm
350.033		3				45°	•	356 x 64 x 45 mm
350.032		3				45°		304 x 64 x 45 mm

**UTE** | Supply cable: 2.0 m H05VV-F 3G 1.5 mm<sup>2</sup> with right-angled plug with earthing contact

350.050			6			35°	•	421 x 64 x 45 mm
350.051			6			35°		379 x 64 x 45 mm
350.053			3			35°	•	294 x 64 x 45 mm
350.052			3			35°		251 x 64 x 45 mm



350.001



350.000



350.006



350.007

**Accessories**

#	
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350.100 End caps with cable rewind | Black



Further configurations available upon request.





# PRIMO

High functionality combined with practical, clear design: no problem for PRIMO from BACHMANN! The versatile socket strip is available in a wide range of variants and features high-quality integrated electronic components, such as optionally available Type 3 surge protection, mains and frequency filter for voltage peaks up to 30 MHz, USB charger with 2.1 A charging current, USB-C, Master & Slave, ISDN protection and much more. PRIMO is also available with a larger socket distance, which is ideal for plugging in power supply unit plugs. No halogen or PVC was used at all in the socket inserts themselves.

The optional, illuminated 2-pole PRIMO rocker switch ensures simple and convenient operation, while the profile, made of high-quality anodised aluminium, has high torsional rigidity. The rounded end pieces with cable rewind and screw-mounting eyes ensure practical use in everyday work.

## BENEFITS

- **Wide range of models**
- **Halogen- and PVC-free inserts**
- **High-quality electronic components**
- **Socket outlets with earthing contact rotated by 35°**
- **Convenient, fast rewiring**
- **2x 2 screw holes for mounting**



**PRIMO**

- Supply cable: 2.0 m H05VV-F 3G 1.50 mm<sup>2</sup> with right-angled plug with earthing contact

#									
330.073	12	35°	•					•	690 x 71 x 54 mm
331.012	12	35°						•	690 x 71 x 46 mm
331.072	9	35°	•	•	•			•	690 x 71 x 54 mm
330.072	9	35°	•					•	560 x 71 x 54 mm
331.007	9	35°		•	•			•	645 x 71 x 47 mm
331.011	9	35°						•	560 x 71 x 46 mm
331.1541	8	35°	•			A&C 22W		•	591 x 71 x 54 mm
331.154	8	35°	•			A/A 15W		•	560 x 71 x 54 mm
331.071	6	35°	•	•	•			•	560 x 71 x 54 mm
331.013	6	35°	•	•				•	474 x 71 x 54 mm
330.071	6	35°	•					•	431 x 71 x 54 mm
331.035	6	35°					•	•	516 x 71 x 83 mm
331.006	6	35°		•	•			•	515 x 71 x 47 mm
331.014	6	35°		•				•	474 x 71 x 54 mm
331.010	6	35°						•	431 x 71 x 46 mm
330.070	3	35°	•					•	304 x 71 x 54 mm
331.000	3	35°						•	304 x 71 x 46 mm

**For IT power circuits** | Socket colour: Red

331.040	6	35°						•	390 x 71 x 46 mm
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**ISDN** | 1 x ISDN input | 3 x ISDN output

331.074	6	35°	•	•	•			•	645 x 71 x 54 mm
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**Master + Slave + foot-operated switch** | 2x continuous operation socket outlets with earthing contact | Socket colour: Red | 0.1 m with GST18i3 plug | 0.1 m, black, with GST15/2 plug | Foot-operated switch with 2 m supply cable

331.089	8	35°						•	670 x 71 x 47 mm
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**Master + Slave** | 1x Master socket, 6x Slave sockets

333.071	7	35°		•	•			•	695 x 71 x 47 mm
332.071	7	35°						•	573 x 71 x 47 mm

**15 mm spacing**

331.055	6	90°	•	•	•	A/A 15W		•	690 x 71 x 54 mm
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**85 mm spacing**

331.032	5	35°						•	515 x 71 x 46 mm
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# CRAFTSMAN SOCKET OUTLET








A reliable helper and can be used wherever work is being done: the BACHMANN CRAFTSMAN SOCKET OUTLET. A socket strip characterised by its classic, robust plastic profile and a straight, practical shape. At the same time, you can choose from a variety of different product versions: for example, the CRAFTSMAN SOCKET OUTLET is available with an optional 15 mm distance between the socket inserts. This allows power supplies and operating devices to be positioned without any problems. A version in 19" dimensions with additional screw holes for mounting in data racks is also available. The practical socket strip is even more flexible thanks to the additional earth conductor connection, which is easy to install without opening the housing. Put simply: a strip for all applications!

## BENEFITS

- **Robust plastic profile**
- **Distance between socket inserts**
- **Additional earth conductor connection possible**
- **Simple mounting in data racks**
- **A wide range of versions available**

**CRAFTSMAN SOCKET OUTLET with standard spacing between the sockets**

- Supply cable: 2.0 m with right-angled plug with earthing contact
- Plastic profile: grey

#							19"	
300.006	8	35°					•	445 x 74 x 45 mm
300.007	7	35°	•				•	445 x 74 x 45 mm










300.006



300.007

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

- Supply cable: 2.0 m with right-angled plug with earthing contact
- Plastic profile: grey

#							19"	
300.005	12	90°	•					790 x 74 x 45 mm
300.002	12	90°						790 x 74 x 45 mm
300.004	9	90°	•					617 x 74 x 45 mm
300.001	9	90°						617 x 74 x 45 mm
300.011	6	90°	•	•				490 x 74 x 45 mm
300.012	6	90°	•	•	•			575 x 74 x 45 mm
300.003	6	90°	•				•	445 x 74 x 45 mm
300.000	6	90°					•	445 x 74 x 45 mm
300.030	5	90°	•			A/A 15W	•	445 x 74 x 45 mm

**Can be switched off individually**

300.050	6	90°	•					526 x 74 x 45 mm
300.049	4	90°	•					453 x 74 x 45 mm

**Supply cable and switch on opposite sides**

300.008	6	90°	•					488 x 74 x 45 mm
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300.005



300.002



300.011



300.012



300.030



300.050



300.049



300.008



# CONNECTUS








If you are looking for a solid, reliable socket strip, you should choose CONNECTUS from BACHMANN. Available in a number of versions, CONNECTUS places particular emphasis on practical design combined with high utility value. This is ensured not only by the smart, integrated cable rewind, but also by the optional, illuminated 2-pole 16 A rocker switch. Simple mounting is guaranteed by 2 x 2 mounting holes; the socket inserts are rotated by 35° for convenient use and are equipped with a nickel-plated earthing contact and shutter. The supply cable is a 2.0 m H05VV-F 3G 1.50 mm<sup>2</sup> variant with moulded right-angle plug with earthing contact and double earthing contact system (except for item number 330.300).

## BENEFITS

- **Very good value for money**
- **Practical design, high utility value**
- **Socket inserts set at 35°**
- **Easy to mount with mounting holes**
- **Integrated cable rewind**

**CONNECTUS**

- Supply cable: 2.0 m H05VV-F 3G 1.50 mm<sup>2</sup> with right-angled plug with earthing contact
- Socket colour: Black
- Plastic profile: grey

#							
330.103	12		•				695 x 72 x 49 mm
330.102	9		•				570 x 72 x 49 mm
330.105	6		•	•	•		568 x 72 x 49 mm
330.104	6		•	•			480 x 72 x 49 mm
330.101	6		•				440 x 72 x 49 mm
330.100	4		•				355 x 72 x 49 mm
<b>Master (1) + Slave (4)</b>							
330.107	5			•	•		610 x 72 x 49 mm
330.106	5						480 x 72 x 42 mm
<b>Master (1) + slave (4)   with external button</b>							
330.140	5					•	538 x 72 x 49 mm
<b>With external button   1.5 m cable to plug   1.5 m cable to switch</b>							
330.142	6						442 x 72 x 49 mm
<b>Switch orange</b>							
330.104F		6	•	•	•		480 x 72 x 49 mm
330.101F		6	•				480 x 72 x 49 mm
330.100F		4	•				355 x 72 x 49 mm



330.103



330.105



330.104



330.107



330.106



330.140



330.142










330.104F



330.101F

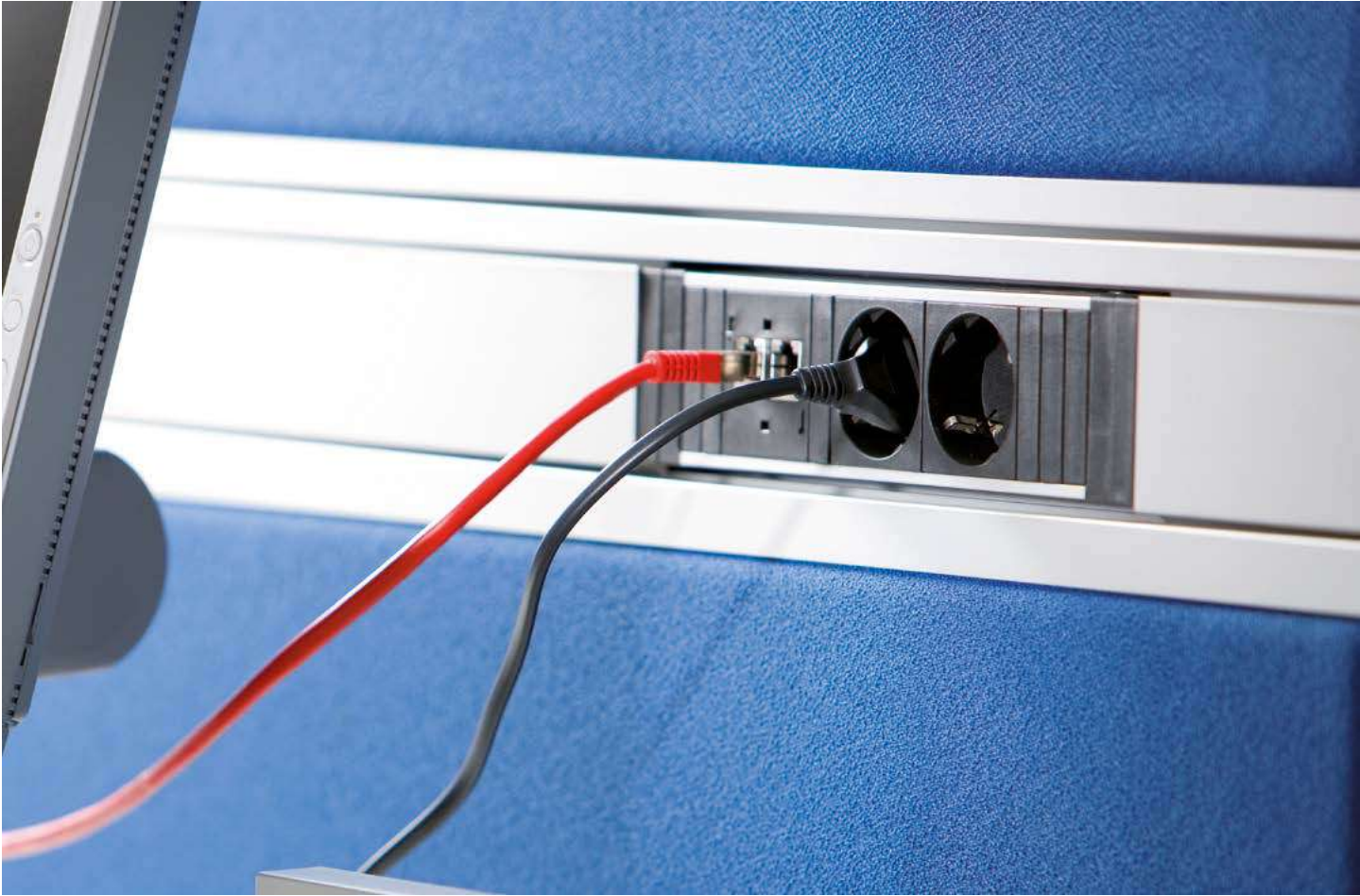
**CONNECTUS**

- Supply cable: 2.0 m H05VV-F 3G 1.0 mm<sup>2</sup> with C14 non-heating device plug
- Socket colour: Red
- Plastic profile: grey

#							
<b>10 A micro fuse</b>							
330.300	3						273 x 72 x 46 mm



330.300



# STEP

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

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

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

## BENEFITS

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



**STEP – the all-round system designed for expansion.**



**Perfectly prepared for the best connections**

The STEP power strip is available with 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 integrated Wieland GST18 plug connectors are highly trusted solutions for office use and have the coding and latch mechanism required to comply with the applicable standard.

**Various mounting options**

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

**STEP BASE socket strips**

- Black plastic profile | Power input/output GST18

#									
<b>STEP BASE</b>									
336.626	5					35°			305 x 52 x 44 mm
336.604	4					35°			263 x 52 x 44 mm
336.600	3					35°			220 x 52 x 44 mm
906.0055*		4				45°			322 x 52 x 44 mm
906.1306*		2				45°			220 x 52 x 44 mm
336.606			4			35°			263 x 52 x 44 mm
336.603			3			35°			220 x 52 x 44 mm
<b>STEP BASE</b>   Socket colour: Red									
336.601	3					35°			220 x 52 x 44 mm
<b>STEP BASE + 1 switch</b>									
906.0060*		4				45°			365 x 52 x 44 mm

\* External earthing



For suitable **device supply cables**, see page 62 onwards.

**STEP ALU socket strips**

- Anodised aluminium profile | Power input/output GST18

#									
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**STEP ALU**

906.014	4					35°			263 x 52 x 44 mm
336.039	3					35°			220 x 52 x 44 mm
906.0113	2					35°	A/A 15W	1	263 x 52 x 44 mm
906.001	2					35°		2	263 x 52 x 44 mm
906.000	2					35°		1	220 x 52 x 44 mm
336.079		2				45°		1	285 x 52 x 44 mm
336.046			4			35°			263 x 52 x 44 mm
906.1075			3			35°			220 x 52 x 44 mm
906.009			2			35°		2	263 x 52 x 44 mm
906.002			2			35°		1	220 x 52 x 44 mm
906.1086				3 (T13)		90°			220 x 52 x 44 mm
906.080				2 (T13)		90°		2	263 x 52 x 44 mm
906.071				2 (T13)		90°		1	220 x 52 x 44 mm
906.1244					2	35°		2	285 x 52 x 44 mm
906.0028					2	35°		1	242 x 52 x 44 mm
906.1109						35°	A/A 15W		146 x 52 x 44 mm

**STEP ALU for Custom Modules set at 90° with lateral outlet**

906.024	2					35°		1 (90°)	220 x 52 x 44 mm
906.093			2			35°		1 (90°)	220 x 52 x 44 mm
906.0703				2 (T13)		90°		1 (90°)	220 x 52 x 44 mm

**STEP ALU** | Socket colour: Red

336.067	3					35°			220 x 52 x 44 mm
336.088			4			35°			263 x 52 x 44 mm
336.072			3			35°			220 x 52 x 44 mm

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

906.150	2					35°			359 x 52 x 44 mm
---------	---	--	--	--	--	-----	--	--	------------------

**STEP ALU + 1 switch** | Switch switches sockets only

906.003	3					35°			263 x 52 x 44 mm
---------	---	--	--	--	--	-----	--	--	------------------

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

906.031	3					35°			263 x 52 x 44 mm
---------	---	--	--	--	--	-----	--	--	------------------



906.0113



906.001



906.000



906.150



906.003



906.024



336.067

For suitable **device supply cables**, see page 62 onwards.Suitable **Custom Modules** can be found on page 178.



**STEP safety modules**

#	
<b>STEP ALU automatic switch-off device</b>	
906.005	Width: 263 mm   Energy-efficient   1 x automatic switch-off with socket outlet   1 x button connection with 0.5 m cable and plug connector for linking to module 917.060
<b>STEP ALU RCD</b>	
336.065	Width: 220 mm   Residual-current device   Response current 30 mA   Response time 30 ms   2-pole   Miniature circuit breaker, 16 A nominal current   Characteristic B; 6 kA
336.014	Width: 220 mm   25 A residual-current device   Response current 30 mA   Response time 30 ms   2-pole
906.067	Width: 220 mm   16 A residual-current device   Response current 10 mA   Response time 30 ms   2-pole
<b>STEP ALU MCB</b>	
336.015	Width: 220 mm   Miniature circuit-breaker 16 A, 2-pole   Characteristic B
<b>STEP ALU Master &amp; Slave</b>	
336.006	Width: 220 mm   Master & Slave circuit with threshold value setting 10 - 100 W
<b>STEP ALU surge protection</b>	
336.004	Mains and frequency filter   Width: 220 mm   Surge protection 2 kV with function and fail indicator   Mains filter, 30 MHz
336.003	Width: 147 mm   Surge protection 2 kV with function and fail indicator



906.005



336.014



336.015



336.006



336.004



336.003

**STEP accessories**

#	
<b>STEP cover strip</b>	
375.529	For fitting over the end caps of STEP power strips   Visual finish   Black plastic   Packaging unit: 2 units
<b>Stainless steel mounting bracket</b>	
940.096	Mounting brackets left and right
<b>Mounting bracket stainless steel straight</b>	
940.097	For insertion into the rear of a STEP profile   For screw fixing e.g. under a desk or table   Packaging unit: 2 units
<b>Stainless steel mounting bracket with elongated hole</b>	
940.024	For insertion into the rear of a STEP profile   With elongated hole (keyhole) for screwing into place, ideal for use with power strips with data connections   Packaging unit: 1 x left, 1 x right
<b>STEP plastic mounting clip</b>	
918.025	For attaching STEP BASE and STEP ALU power strips   In suitable cut-outs in sheet steel (thickness 2.0 mm)   2 x plastic mounting clips   4 x screws, 2.9 x 30 mm
<b>Steel sheet mounting plate</b>	
940.108	For insertion into rear of STEP profile   The power strip is fixed by screwing the nut onto the threaded screw   1 mounting plate including M5 screw, washer and nut
<b>Mounting accessories</b>	
375.502	4 x screws, 2.9 x 30 mm   2 x end cap cover strips to provide a visual finish (fitted on the end caps where two power strips are linked together)   1 x connection cover   1 x end cap for power output socket
<b>Mirror tape, double-sided</b>	
918.123	Double-sided adhesive mirror tape   Dimensions 200 x 30 x 3 mm



375.529



940.096



918.025



940.108

For suitable **device supply cables**, see page 62 onwards.



# SMART

On average, 89 per cent of the German population have two to six sockets in each room, and 10 per cent have more than seven\*. However, should even this not be enough, SMART from BACHMANN is available. Above all, the classic socket strip made of impact-resistant plastic performs exactly the function that is expected of it: power distribution.

In addition, SMART has a number of convenient features that make it even more convenient to use, such as the socket inserts that are rotated by 35° and have nickel-plated earthing contacts. It also features a practical cable rewind that prevents unwanted cable tangling. A shutter prevents unpleasant accidents, and screw holes allow for quick and safe mounting. The supply cable is connected by an injection-moulded right-angled plug with dual earthing contact system. Thanks to the illuminated 2-pole rocker switch, it is clear to see whether SMART is switched on or off.

## BENEFITS

- **Mounting via screw holes**
- **Robust design**
- **Practical cable rewind**
- **A number of product versions**
- **Integrated shutter**

**SMART**

- Plastic profile

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

**Without supply cable**

381.246K	6					•	White	350 x 56 x 41 mm
381.223K	4					•	White	290 x 56 x 41 mm
385.170	3					•	Black	188 x 56 x 41 mm
385.270	3					•	White	188 x 56 x 41 mm

**USB SMART 3 x earthing contact** | Power strip with integrated 2-way USB charger, 16 A / 230 V~ | 1.5 m H05VV-F 3G1.5 mm<sup>2</sup>

381.801	3				A/A 15W		White	245 x 56 x 41 mm
---------	---	--	--	--	---------	--	-------	------------------

**Supply cable: 1.5 m H05VV-F 3G 1.50 mm<sup>2</sup> with moulded right-angled plug with earthing contact**

381.150K	6		•			•	Black	350 x 56 x 41 mm
381.250K	6		•			•	White	350 x 56 x 41 mm
381.450K	6		•			•	Brown	350 x 56 x 41 mm
381.2501K	6		•	•			White	390 x 56 x 41 mm
381.147K	6					•	Black	350 x 56 x 41 mm
381.247K	6					•	White	350 x 56 x 41 mm
381.130K	4		•			•	Black	290 x 56 x 41 mm
381.230K	4		•			•	White	290 x 56 x 41 mm
381.121K	4					•	Black	290 x 56 x 41 mm
381.221K	4					•	White	290 x 56 x 41 mm
387.170	3						Black	188 x 56 x 41 mm
388.170	3					•	Black	188 x 56 x 41 mm
387.270	3						White	188 x 56 x 41 mm
388.270	3					•	White	188 x 56 x 41 mm

**Supply cable: 3.0 m H05VV-F 3G 1.50 mm<sup>2</sup> with moulded right-angled plug with earthing contact**

381.151K	6		•			•	Black	350 x 56 x 41 mm
381.251K	6		•			•	White	350 x 56 x 41 mm
381.148K	6					•	Black	350 x 56 x 41 mm
381.248K	6					•	White	350 x 56 x 41 mm
387.171	3						Black	188 x 56 x 41 mm
388.171	3					•	Black	188 x 56 x 41 mm
387.271	3						White	188 x 56 x 41 mm
388.271	3					•	White	188 x 56 x 41 mm
388.471	3					•	Brown	188 x 56 x 41 mm
388.371	3					•	Red	188 x 56 x 41 mm
381.2512K		6	•	•		•	White	350 x 56 x 41 mm

**Supply cable: 5.0 m H05VV-F 3G 1.50 mm<sup>2</sup> with moulded right-angled plug with earthing contact**

381.152K	6		•			•	Black	350 x 56 x 41 mm
381.252K	6		•			•	White	350 x 56 x 41 mm
381.149K	6					•	Black	350 x 56 x 41 mm
381.249K	6					•	White	350 x 56 x 41 mm
387.172	3						Black	188 x 56 x 41 mm
388.172	3					•	Black	188 x 56 x 41 mm
387.272	3						White	188 x 56 x 41 mm
388.272	3					•	White	188 x 56 x 41 mm



381.801



381.250K



381.2501K



381.230K



381.221K



381.248K



388.171



388.271



388.471



388.371



381.2512K

For suitable **device supply cables**, see page 72 onwards.

**Screw mounting**

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

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



919.273

**SMART PLUG power strip**

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

#	
<b>3-way multiple socket strip</b>   With 1.6 m H05VV-F 3G 1.5	
933.014	Black
933.015	White



933.014



933.015

**FLAT PLUG power strip**

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

#	
<b>3-way multiple socket strip</b>   With 1.6 m H05VV-F 3G 1.5	
933.007	White



933.007



Further versions of **SMART PLUG** and **FLAT PLUG** can be found on page 55, 71 and 76.



# SELLY

Almost everyone has held them in their hands at some time or another: the classic socket strip. These come into their own whenever there are more devices than sockets in the room. SELLY from BACHMANN provides help in this situation: the strip made of high-quality plastic ensures that the laptop, television and radio get enough power. For convenient operation, SELLY is not only equipped with shutters, but also has socket inserts that are turned by 45°. SELLY draws its power from an H05VVF 3G 1.5 mm<sup>2</sup> supply cable with moulded right-angled plug with dual earthing contact system. The strip is also optionally available with an illuminated 2-pole rocker switch that indicates whether SELLY is switched on or off.

## BENEFITS

- **Space-saving with a compact design**
- **Easy to use**
- **Wide range of potential uses**
- **With shutter**
- **Also available with rocker switch**

SELLY

• Plastic profile

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

Supply cable: 1.5 m H05VV-F 3G 1.50 mm<sup>2</sup>

381.244S	6	45°	•	White	324 x 54 x 40 mm
381.144S	6	45°	•	Black	318 x 54 x 40 mm
381.241S	6	45°		White	286 x 54 x 40 mm
381.141S	6	45°		Black	293 x 54 x 40 mm
384.272S	3	45°	•	White	192 x 54 x 40 mm
387.270S	3	45°		White	154 x 54 x 40 mm
387.274S	3	45°		White	190 x 54 x 40 mm

Supply cable: 3.0 m H05VV-F 3G 1.50 mm<sup>2</sup>

387.271S	3	45°		White	154 x 54 x 40 mm
387.275S	3	45°		White	190 x 54 x 40 mm



381.244S  
Similar to picture



381.241S  
Similar to picture



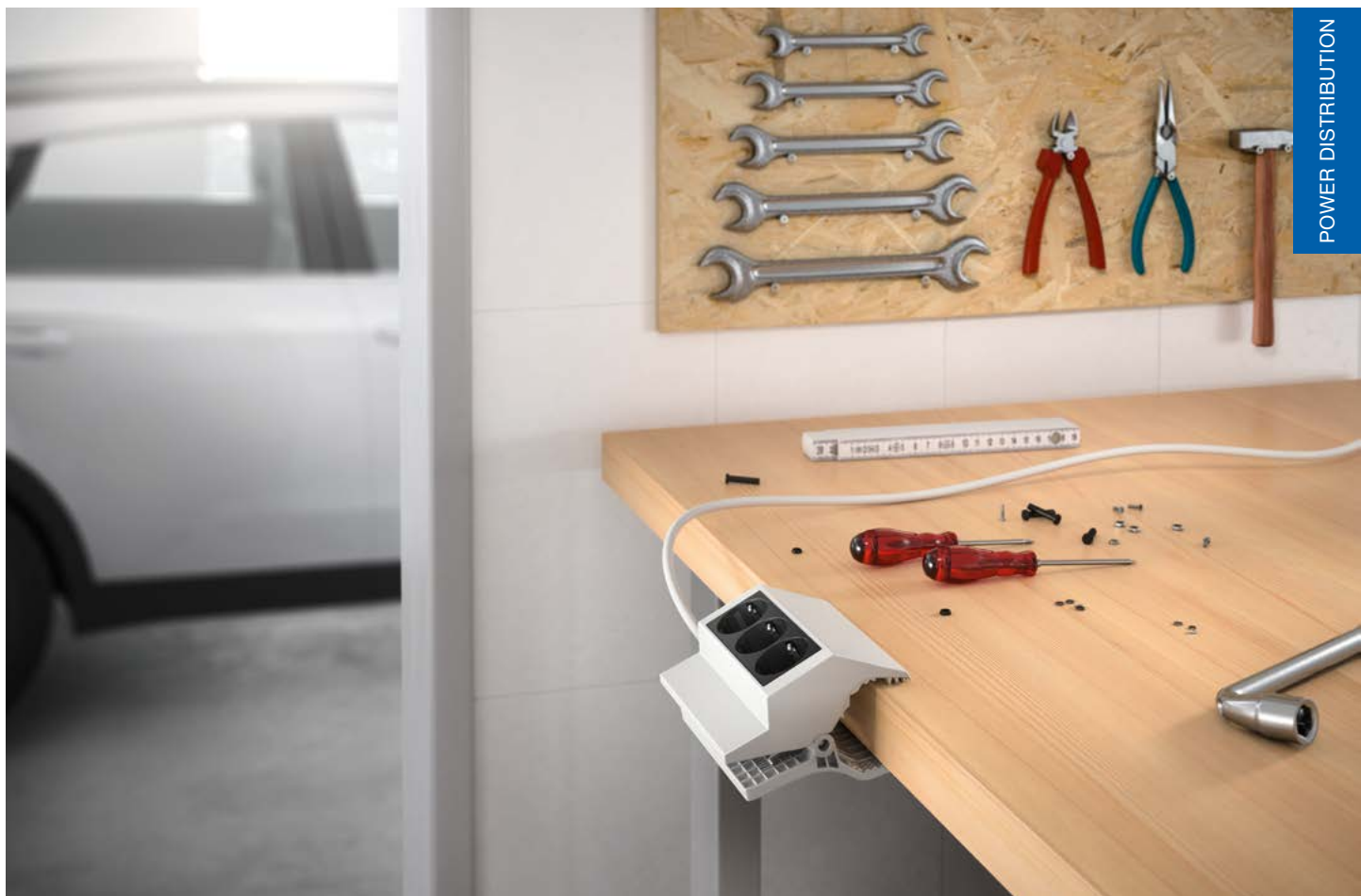
384.272S  
Similar to picture



387.270S  
Similar to picture



387.274S



# PEGGY

The neat PEGGY socket strip from BACHMANN promises a new dimension in flexibility and freedom for workbenches, garages and hobby rooms. You can rely on PEGGY wherever you need electricity without having to depend on the availability of sockets.

Thanks to its clamping fixture, the reliable multiple socket can be mounted without any tools on a tabletop edge, worktop, mounting aid, workbench, ladder or door leaf – just where you need it. Do you swap workbenches? Simply take PEGGY with you and clamp it in place in your new working environment.

The cable length of 3 metres guarantees you freedom of movement to do the job in hand. Its shutter, heavy-duty design and stable clamping-fixture grip make PEGGY a true all-rounder and a handy DIY helper.

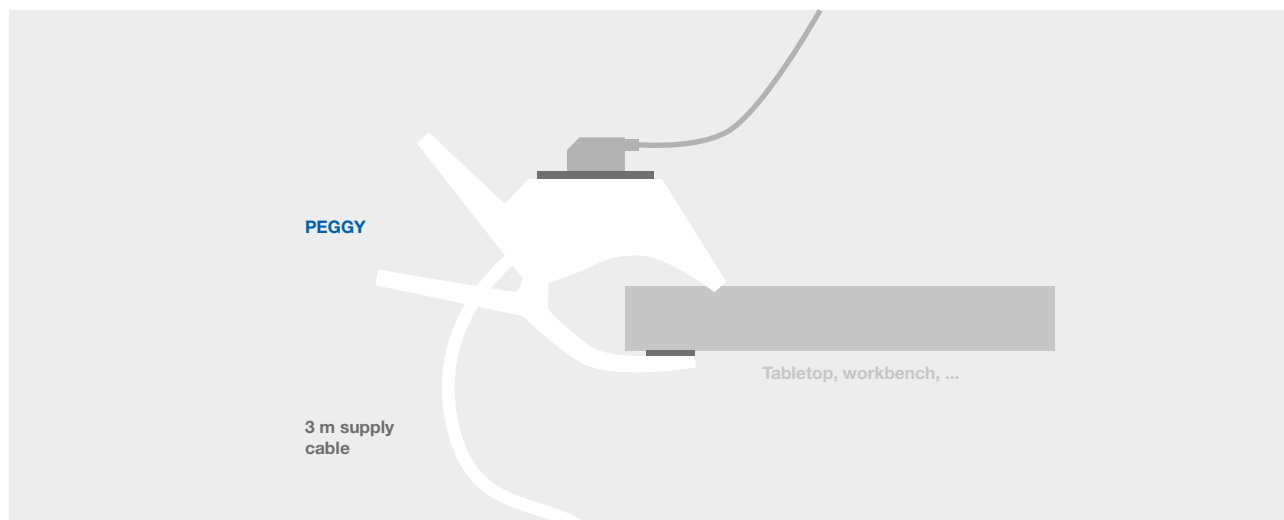
## BENEFITS

- **Suitable for the home, hobby rooms and garages**
- **Countless possible applications**
- **Increased safety, thanks to shutter**
- **Heavy-duty housing and stable grip**
- **3-metre cable**



## Flexible power source whenever and wherever you want

Easy to attach anywhere without tools thanks to the stable clamping fixture.



### PEGGY

- 3.0 m supply cable H05VV-F 3G 1.5 mm<sup>2</sup> with right-angled plug with earthing contact
- 16 A / 250 V~ | IP20
- With shutter
- Colour of the sockets: Dark grey, similar to RAL7010

#				
500.000	3	45°	165 x 130 x 80 mm	500.000





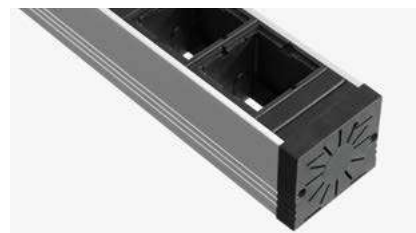
# UNIVERSAL

As the name suggests, the UNIVERSAL socket strip is suitable for a wide range of application scenarios. The complete unit for power, data and media connections has been specially developed to meet the requirements of desks and conference tables and can, for example, be positioned ideally in table ducts. Particularly when used in combination with the CONI COVER mounting frame or the LOOP SQUARE cable gland, UNIVERSAL can deliver its full power.

The socket strip is easily mounted by means of metal brackets, which can be set into different positions and angle settings. Thanks to the ability to integrate BACHMANN Custom Modules, UNIVERSAL offers a wide range of flexibility and customisation options.

## BENEFITS

- **Simple mounting**
- **Compatible with CONI COVER, LOOP SQUARE**
- **Ideal for use in table ducts**
- **High flexibility with Custom Modules**
- **Includes 3.0 m power connection cable**



## Large UNIVERSAL socket strips

- Anodised aluminium profile

#						
<b>Power input: 3.0 m with right-angled plug with earthing contact</b>   Incl. mounting bracket						
922.0181	5			35°	2	406 x 52 x 44 mm
922.0071	4			35°	3	406 x 52 x 44 mm
922.083		5		35°	2	406 x 52 x 44 mm
922.082		4		35°	3	406 x 52 x 44 mm



922.0181



922.0071



922.083



922.082

## Small UNIVERSAL socket strips

- Anodised aluminium profile

#						
<b>Power input: 3.0 m with Italy plug</b>   Incl. mounting bracket						
922.096			3	45°	1	295 x 52 x 44 mm
<b>Power input: 3.0 m with right-angled plug with earthing contact</b>   Incl. mounting bracket						
922.0111	3			35°	1	279 x 52 x 44 mm
922.0231		3		35°	1	279 x 52 x 44 mm



922.0111

## Media racks/IT panels

- Anodised aluminium profile

#	
<b>19" Custom Module panel 1.5 U</b>   Anodised aluminium	
903.003	Accepts up to 9 Custom Modules   Incl. mounting bracket



903.003



### The perfect combination

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

For suitable **CONI COVER** mounting frames, see page 110 onwards.

Suitable **Custom Modules** can be found on page 178.



# Garden socket outlets

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

- With hinged lid, splash-proof

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



394.180



394.175

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

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

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



924.3491



924.349





# Outdoor (IP44)

## Solid rubber distributor

- 2.0 m supply cable H07RN-F3G 2.50 mm<sup>2</sup>

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



349.184



349.185

## Distributor socket outlet

#	
<b>3 x socket outlets with earthing contact</b>	
349.045	1.5 m H07RN-F 3G 1.5 mm <sup>2</sup> with earthing contact plug   With hinged lids and switch
381.109	230 V   16 A   With hinged lids   With suspension eye and 4 fixing points   Solid elastomer version   Without supply cable
<b>4 x socket outlets with earthing contact</b>	
349.044	10.0 m H07RN-F 3G 1.5 mm <sup>2</sup> with earthing contact plug   With hinged lids
<b>5 x socket outlets with earthing contact</b>	
349.046	4.5 m H07RN-F 3G 1.5 mm <sup>2</sup> with earthing contact plug   With hinged lids and switch



349.045



381.109



349.044




349.046

# Cable reels

## Master cable reel

- Conforms to DGUV-I 203-006

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



399.007



399.000




399.012



399.010

## Cable reel with portable RCD, 3-way

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

#	
398.200	25 m earthing contact plug 16 A/30 mA   Cable: Orange   Reel: Black



398.200



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

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

- Cable: H07RN-F 3G 1.50 mm<sup>2</sup>
- 3 x socket outlets with earthing contact with hinged lid
- With built-in thermal cut-out | 1-pole
- Dual tubular frame
- Reel body in shatter-proof plastic
- Conforms to DGVU-I 203-006

#	
399.181	25 m   Central plug with earthing contact   Cable: Black   Reel: Black
399.182	40 m   Central plug with earthing contact   Cable: Black   Reel: Black
396.184	Professional plastic empty reel   Cable up to max. 40 m H07RN-F 3G 1.50 mm <sup>2</sup>   Conforms to DGVU-I 203-006 with cable type H07RN-F or H07BQ-F   Wheel diameter 280 mm   Reel body made from shatter-proof special plastic, black



399.182

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

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

#	
399.180	25 m   CEE plug   Cable: H07RN-F 5G 1.50 mm <sup>2</sup>   Reel body made from shatter-proof plastic   Cable: Black   Reel: Black
399.185	Professional CEE plastic empty reel   Cable up to max. 20 m H07RN-F 5G 1.50 mm <sup>2</sup>   Wheel diameter 285 mm   Reel body made from robust, shatter-proof special plastic, black



399.180



399.185

**Equipment supply reel with thermal cut-out**

#	
397.003	Large plastic empty reel   Integrated cable winder and locking brake   Cable up to max. 50 m H05VV-F 3G 1.50 mm <sup>2</sup>   Wheel diameter 290 mm   Reel: Black



397.003

**Cable reel, 4-way without lid**

- With integrated thermal cut-out | 1-pole
- 4 x socket outlets with earthing contact
- 16 A/250 V~
- IP20

#	
---	--

**Large plastic empty reel**

396.181	Cable up to max. 50 m H05RR-F 3G 1.50 mm <sup>2</sup>   Wheel diameter 285 mm   Reel: Black
---------	---

**Plastic 25 m**

392.180	Cable: H05VV-F 3G 1.50 mm <sup>2</sup>   Central plug with dual earthing contact system   Cable: Black   Reel: Black
395.180	Cable: H05RR-F 3G 1.50 mm <sup>2</sup>   Central plug with earthing contact   Cable: Black   Reel: Black

**Plastic 50 m**

392.181	Cable: H05VV-F 3G 1.50 mm <sup>2</sup>   Central plug with dual earthing contact system   Cable: Black   Reel: Black
395.181	Cable: H05RR-F 3G 1.50 mm <sup>2</sup>   Central plug with earthing contact   Cable: Black   Reel: Black



392.180



395.181



398.182

**Steel sheet empty reel, large**

396.182	Wheel diameter 290 mm   Reel: Silver
---------	--------------------------------------

**Steel sheet 25 m**

398.183	Cable: H05VV-F 3G 1.50 mm <sup>2</sup>   Central plug with dual earthing contact system   Cable: Black   Reel: Silver
398.181	Cable: H05RR-F 3G 1.50 mm <sup>2</sup>   Central plug with earthing contact   Cable: Black   Reel: Silver

**Steel sheet 50 m**

398.182	Cable: H05RR-F 3G 1.50 mm <sup>2</sup>   Central plug with earthing contact   Cable: Black   Reel: Silver
---------	---

**3-way cable reel with hinged lid**

- With integrated thermal cut-out | 1-pole
- Splash-proof – for outdoor use
- 3x socket outlets with earthing contact
- 16 A/250 V~

#	
<b>Plastic empty reel</b>	
396.183	Cable up to max. 40 m H07RN-F 3G 1.50 mm <sup>2</sup>   Wheel diameter 280 mm   Reel: Black   Conforms to DGUV-I 203-006
<b>Plastic 25 m</b>	
392.182	IP44   Cable: H07RN-F 3G 1.50 mm <sup>2</sup>   Central plug with earthing contact   Cable: Black   Reel: Black   Conforms to DGUV-I 203-006
<b>Plastic 40 m</b>	
392.183	IP44   Cable: H07RN-F 3G 1.50 mm <sup>2</sup>   Central plug with earthing contact   Cable: Black   Reel: Black   Conforms to DGUV-I 203-006
<b>Steel sheet empty reel</b>	
396.187	Cable up to max. 40 m   Wheel diameter 280 mm   Reel: Silver   Conforms to DGUV-I 203-006 with cable type H07RN-F or H07BQ-F
<b>Steel sheet 40 m   Iron Coat series</b>	
398.180	IP44   Cable: H07RN-F 3G 1.50 mm <sup>2</sup>   Central plug with earthing contact   Cable: Black   Reel: Silver   Conforms to DGUV-I 203-006
<b>Steel sheet 50 m</b>	
398.186	IP44   Cable: H05RR-F 3G 1.50 mm <sup>2</sup>   Central plug with earthing contact   Cable: Black   Reel: Silver



392.183



398.186

**Spare parts for cable reels**

- Suitable for professional cable reels, cable reels 4-way without lid and cable reels 3-way with hinged lid

#	
<b>Socket insert</b>	
900.187	4-way, with thermal cut-out   Black
910.105	3-way with lid and thermal cut-out   Lid: Red   Plate: Black
<b>Thermal cut-out</b>	
900.180	1-pole   Red   For 250 V
900.181	3-pole   Red   For 400 V
<b>2 x socket outlets with earthing contact, 1 CEE socket 16 A / 400 V ~</b>	
910.106	2-way with hinged lid   With thermal cut-out   Lid: Red   Plate: Black



910.106



900.187



910.105



900.180

**4-way cable box**

- With integrated thermal cut-out | 1-pole
- Right-angled plug with dual earthing contact system
- Version with hand grip and winding handle
- Cable: H05VV-F 3G 1.50 mm<sup>2</sup>
- 16 A/250 V~

#	
393.002	10 m   Maximum load: 3,500 W fully unwound   1,200 W fully wound   Cable: Black   Box: Black   With shutter
393.0060	20 m   Highly shatter-proof version   Maximum load: 3,500 W fully unwound   1,000 W fully wound   Cable: Black   Box: Black/blue



393.002

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

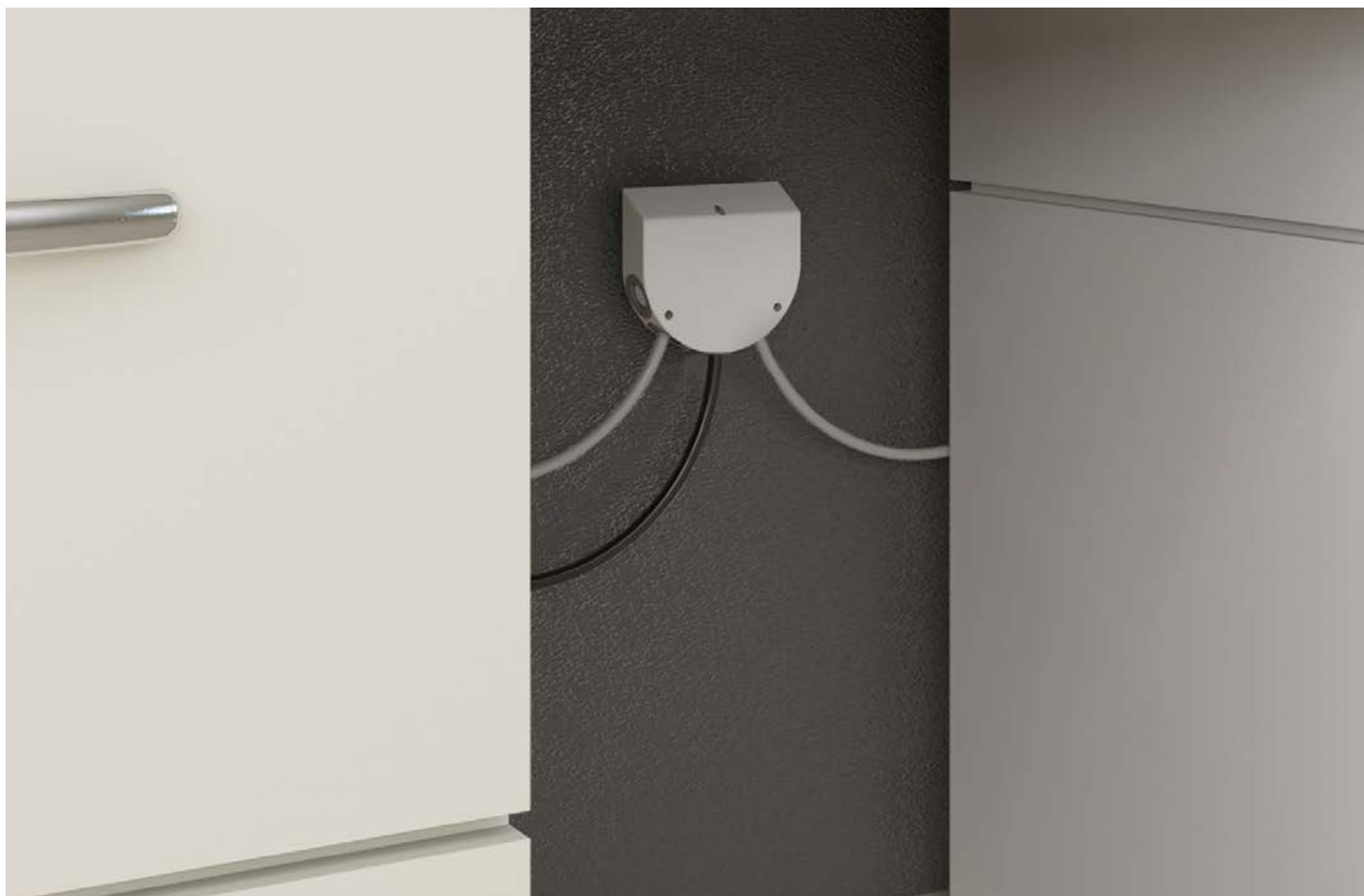
- IP44

#	
392.187	15 m with automatic spring rewind   Cable: H07RN-F 3G 1.5 mm with earthing contact plug   230 V~/16 A/max. 3,500 W unwound and 1,000 W wound   With thermal cut-out   With plastic handle   Plastic frame   Colour: Blue



392.187





# Kitchen connection box


An electric cooker requires high-voltage current. Therefore, it is mandatory to have such a device connected by a professional. To make the connection even easier and safer for the professionals, BACHMANN developed the kitchen connection box. This helpful box can be connected to an oven, a hob or a cooker connection box. This guarantees a clean, tidy installation; at the same time, costs can be saved as no additional sockets need to be wired in. With a small mounting depth of approx. 34 mm, the discreet box can also be used in combination with induction cookers and is mounted using rewirable WAGO® terminals. Especially comforting: the distribution box is VDE-certified.

## BENEFITS

- **Distribution box VDE-approved**
- **Simple, fast mounting**
- **No additional sockets required**
- **Existing sockets can still be used**
- **Small mounting depth (approx. 34 mm)**

**Kitchen connection box**


- Grey, with screw-mounting eyes, connected load up to 11 kW (with ohmic load)
- H05VV-F 5G 2.50 mm<sup>2</sup> for cooker connection box
- H05VV-F 4G 2.50 mm<sup>2</sup> for hob
- H05VV-F 3G 1.50 mm<sup>2</sup> with socket outlet with earthing contact for oven

#	
	
<b>Kitchen connection box 10 m</b>	
923.002	Cooker connection box 2.0 m   Hob 10.0 m and oven 10.0 m
<b>Kitchen connection box 2 m</b>	
923.000	Cooker connection box 2.0 m   Hob 2.0 m and oven 2.0 m
<b>Kitchen connection box 5 m</b>	
923.001	Cooker connection box 2.0 m   Hob 5.0 m and oven 5.0 m



923.000

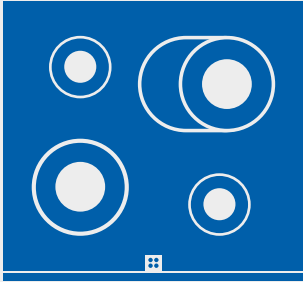
**Kitchen connection box**




H05VV-F 4G  
2,50 mm<sup>2</sup>

H05VV-F 5G  
2,50 mm<sup>2</sup>

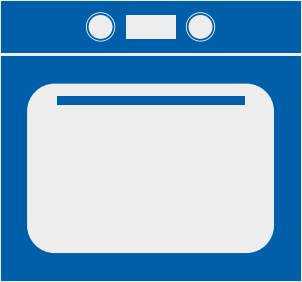
H05VV-F 3G  
1,50 mm<sup>2</sup>  
with socket outlet with  
earthing contact



Hob



Cooker connection socket



Oven

# Cooker and appliance connection sockets

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

- VDE-certified
- Duroplast version for surface or flush mounting (in flush-mounted device boxes)
- Quick and easy to connect thanks to spacious connection area
- Clamping range: 0.75–2.5 mm<sup>2</sup>

#	
190.270	White   For 55 mm flush-mounted installation box   Height: 23 mm



190.270

## Appliance connection socket, flush mounting 16 A/380 V~/3P+N+PE

- Thermoplastic version for flush mounting (in flush-mounted device boxes)
- Easy to mount with removable terminal block and snap-lock lid
- With 5 x 2.50 mm screw terminal<sup>2</sup> and strain relief sleeve

#	
190.271	White   For 60 mm flush-mounted installation box   Height: 12 mm




190.271

Suitable **cooker connections** can be found on page 78.

# Energy cube

## Energy cube

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

#	
	
	<b>1 x CEE, 4 x socket outlet with earthing contact</b>   For cable diameter 5 x 1.5 mm <sup>2</sup> – 5 x 2.5 mm <sup>2</sup>
349.302	1 x CEE socket 16 A / 400 V~, 5-pole   4 x socket outlets with earthing contact 16 A / 230 V~
349.303	1 x CEE socket 16 A / 400 V~, 5-pole   4 x socket outlets with earthing contact 16 A / 230 V~   1 x compressed air supply with 1/2" input and 2 x 1/2" output
	<b>2 x CEE, 2 x socket outlet with earthing contact</b>   For cable diameter 5 x 1.5 mm <sup>2</sup> – 5 x 4 mm <sup>2</sup>
349.304	2 x CEE sockets 16 A / 400 V~, 5-pole   2 x socket outlets with earthing contact 16 A / 230 V~
	<b>4 x socket outlet with earthing contact</b>   For cable diameter 3 x 1.5 mm <sup>2</sup> – 5 x 1.5 mm <sup>2</sup>
349.300	4 x socket outlets with earthing contact 16 A / 230 V~
349.301	4 x socket outlets with earthing contact 16 A / 230 V~   1 x compressed air supply with 1/2" input and 2 x 1/2" output



349.302



349.303



349.304




349.300



349.301

## Energy cube with data connection

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

#	
	
349.310	4 x socket outlets with earthing contact 16 A / 230 V~   1 x CEE socket 16 A   Cable routing with screwed gland from 5G 1.5 mm <sup>2</sup> to 5G 2.5 mm <sup>2</sup>
349.311	2 x socket outlets with earthing contact 16 A / 230 V~   2 x CEE sockets 16 A   Cable routing with screwed gland from 5G 2.5 mm <sup>2</sup> to 5G 4.0 mm <sup>2</sup>   Protection: 1 x C16 A miniature circuit breaker, 3-pole



349.311



# CEE distributor

## BENEFITS

- **Ideal for mobile outdoor use**
- **Highly shatter-proof plastic design**
- **Splash-proof**
- **With practical cable rewind and integral carrying handle**

### CEE distributor | 250 V~/400 V~ | IP44

#	
<b>CEE distributor made from solid rubber</b>   2.0 m supply cable H07RN-F5G 6.00 mm²	
349.020	Input: 1 x CEE plug 32 A / 400 V~   Output: 1 x CEE socket 32 A / 400 V~   2 x CEE sockets 16 A / 400 V~   3 x socket outlets with earthing contact 16 A / 250 V~   Protection: 1 x C16 A miniature circuit breaker, 3-pole   3 x C16 A miniature circuit breaker, 1-pole   1 x RCD 40 A/0.03 A/4-pole on all outputs
<b>CEE distributor with protection</b>   3.4 m supply cable H07RN-F5G 2.50 mm²	
349.015	Input: 1 x CEE plug 400 V~/16 A/5-pole   Output: 4 x CEE sockets 400 V~/16 A/5-pole   8x socket outlets with earthing contact 230 V~/16 A   Protection: 1 x residual-current device 40 A/30 mA, 4-pole   Housing made of special shatter-proof plastic and carrying handle
<b>CEE distributor with protection</b>   4.0 m supply cable H07RN-F5G 4.00 mm²	
349.009	Input: 1 x CEE plug 32 A / 400 V~   Output: 1 x CEE socket 32 A / 400 V, 1 x socket outlet with earthing contact 16 A / 400 V~   4 x socket outlets with earthing contact 16 A / 250 V~   Protection: 1 x C16 A miniature circuit breaker, 3-pole   2 x C16 A miniature circuit breaker, 1-pole
349.010	Input: 1 x CEE plug 32 A / 400 V~   Output: 1 x CEE socket 32 A / 400 V~   1 x CEE socket 16 A / 400 V~   4 x socket outlets with earthing contact 16 A / 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
<b>CEE distributor</b>   2.0 m supply cable H07RN-F5G 2.50 mm²	
349.008	Input: 1 x CEE plug 16 A / 400 V~   Output: 2 x CEE sockets 16 A / 400 V~   4 x socket outlets with earthing contact 16 A / 250 V~




349.020



349.008

# SMART Adapter

## SMART Adapter

#	
	
	<b>USB</b>   Adapter plug with integrated 2-way USB charger, IP20
919.024	1 x earthing contact plug on socket outlet with earthing contact (type F/E CEE 7/7 on 7/3)   Total charging current, USB charger: max. 3.4 A / 5 V~ (1.7 A / port)
	<b>Surge protection</b>   Adapter plug with integrated surge protection, 16 A / 230 V~, IP20
919.025	1 x earthing contact plug on socket outlet with earthing contact (type F/E CEE 7/4 on 7/3)   With function and mains voltage LED   SPD type 3 as per EN 61643-11:2011/IEC 61643-1:2011   Up: L-N: 2.0 kV; L/N-PE: 1.5 kV, Uoc 6 kV, UC 250 V AC, IL 16 A, Ip 6.5 kA, Isc 1.5 kA, Ta < 25 ns



919.024




919.025

# Timer switches

## Mechanical timer switches

- 24 h, 16 A / 250 V~ / 3,680 W
- Plastic version with shutter
- Easy to use

#	
	
	<b>Mini timer switch</b>
852.104	White   103 x 54 x 70 mm (L x W x H)   Shortest switching interval: 30 minutes   switch-on and switch-off times possible per day (24 h)   Switch to override timer function
	<b>Timer switch</b>
852.101	White   121 x 74 x 76 mm (L x W x H)   Smallest possible switching interval: 15 minutes   96 switch-on and switch-off times per day (24 h)




852.104



852.101

## Digital timer switch

- 24 h, 16 A / 250 V~ / 3,680 W
- Plastic version with LCD display, with shutter
- Easy to use
- Integrated, rechargeable battery

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



852.103

# Energy measuring instrument

## Energy measuring instrument, 160–250 V~

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



852.9821

# Thermostat adapters

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

- Temperature-controlled socket

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

### Series 8141 power socket Thermo



924.1740

# Multiple plugs

## Multiple plugs

#	
921.272	White   Max. 2.5 A / 250 V~   3 x Euro socket
921.273	White   Max. 2.5 A / 250 V~   4 x Euro socket
921.274	White   Max. 2.5 A / 250 V~   2 x Euro socket, 1 x CEE7/3 (max. 16 A / 250 V~)
921.271	White   Max. 2.5 A / 250 V~   2 x Euro socket



921.272

921.273

921.274

921.271




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



# Travel adapters

## Travel plugs, 3-pole

- Socket side: Socket outlet with earthing contact
- Plug colour: white

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



921.004



921.011



921.010



921.005

## Adapters for the earthing contact system

- Plug pin side: Socket outlet with earthing contact

#	
<b>Travel plug 10 / 16 A / 250 V~</b>	
921.000	2-pole and 3-pole   Grey   Plug pin side: Earthing contact, Germany, France, Belgium, with dual earthing contact system   Socket side: Universal, suitable for all standard plugs   Worldwide, with shutter
<b>Travel plug 15 A / 125 V~</b>	
921.003	3-pole   White   Plug pin side: Earthing contact, Germany, France, Belgium, with dual earthing contact system   Socket side: USA
<b>Travel plug 16 A / 250 V~</b>	
921.012	3-pole   White   Plug pin side: Earthing contact Germany   Socket side: T23 (Switzerland)



921.000



921.003



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

# Personal protection

## PRCD-S extension cable

- 16 A/250 V~, 30 mA, IP44
- With protective conductor monitoring
- Cable lengths: Plug-PRCD-S: 0.15 m, PRCD-S-coupling: 3.0 m
- Non-stationary protective device PRCD-S assembled with cable H07RN-F 3G 1.5 mm<sup>2</sup>
- Supplied in a robust case
- Black

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



919.014



919.015

## PRCD-S intermediate device

- 16 A/250 V~, 30 mA, IP55
- Differential current protection device with electronic residual-current evaluation for alternating and pulsed DC residual currents
- With undervoltage tripping, protective conductor presence and monitoring
- Specially designed as a protective distributor for small construction sites as recommended by the BGFE employers' liability association, Cologne (ZH1/271), and for all non-stationary electrical equipment.
- For cable cross-section 1 mm<sup>2</sup>–2.5 mm<sup>2</sup>
- Offers protection as specified by DIN VDE 0661 in the event of a fault in the connected electrical equipment. Fault currents arising from faulty consumers will cause the PRCD-S to interrupt all poles
- For system faults in the fixed installation. The PRCD-S detects all faults in the fixed installation and cannot then be switched on.
- Black

#	
<b>PRCD-S</b> 919.016 Test marks by BG (German employers' liability association), Cologne SEV, VDE, GS   Conforms to DGUV-I 203-006   With protective conductor monitoring	



919.016

## PRCD-K intermediate device

- 16 A/250 V~, 30 mA, IP55
- Differential current protection device with electronic residual-current evaluation for alternating and pulsed DC residual currents
- With undervoltage tripping
- For cable cross-section 1 mm<sup>2</sup>–2.5 mm<sup>2</sup>
- Specially designed as a protective distributor for fire fighters and emergency services, suitable for all non-stationary electrical equipment, especially when using generators
- Offers protection as specified by DIN VDE 0661 in the event of a fault in the connected electrical equipment. Fault currents arising from faulty consumers will cause the PRCD-K to interrupt all poles
- Black


#	
<b>PRCD-K</b> 919.018 Test marks VDE, TÜV, GS   Conforms to DGUV-I 203-006   Without protective conductor monitoring	



919.018

**Extension cable with earthing contact with PRCD**


- 16 A/250 V~/3,600 W, IP44
- Without protective conductor monitoring
- 3.0 m H07BQ-F3G 1.5 mm², with PRCD personal circuit breaker 919.189 fitted at approx. 1.5 m
- Individually packaged in plastic bag

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



341.880


**PRCD intermediate device**

#	
<b>Black</b>	
919.190	Tripping current < 10 mA   Tripping time < 30 ms
919.189	Tripping current < 30 mA   Tripping time < 30 ms



919.190

**PRCD Adapter**

#	
<b>PRCD adapters</b>	
919.284	White   Residual-current device plug with hinged lid
<b>PRCD mounting plug</b>	
919.183	Black   Residual-current protection plug   Suitable up to rubber cable H05RNF-F3 1.5 mm²



919.284




919.183

# CEE adapters

## CEE adapter, 400 V~, IP44

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

#	
349.012	Input: 1 x CEE plug 16 A / 400 V~   Output: 1 x CEE socket 32 A / 400 V~
349.006	Input: 1 x CEE plug 16 A / 400 V~   Output: 1 x CEE socket 16 A / 400 V~   1 x CEE socket 32 A / 400 V~   2 x socket outlets with earthing contact 250 V~
349.028	Input: 1 x CEE plug 16 A / 400 V~   Output: 3 x socket outlets with earthing contact 16 A / 250 V~
349.029	Input: 1 x CEE plug 16 A / 400 V~   Output: 1 x CEE socket 16 A / 400 V~   3 x socket outlets with earthing contact 16 A / 250 V~
349.033	Input: 1 x CEE plug 16 A / 400 V~   Output: 3 x CEE sockets 16 A / 400 V~
<b>Protection: 3 x 10 A fuse</b>	
349.183	Input: 1 x CEE plug 32 A / 400 V~   Output: 1 x CEE socket 16 A / 400 V~
349.007	Input: 1 x CEE plug 32 A / 400 V~   Output: 1 x CEE socket 16 A / 400 V~   1 x CEE socket 32 A / 400 V~   1 x socket outlet with earthing contact 250 V~
<b>CEE adapter with 1 x LS 16 A</b>   C characteristic   IP44   Rubberised housing	
349.014	Input: 1 x CEE plug 32 A   Output: 1 x CEE socket 16 A
<b>CEE adapter with 1.5 m supply cable: H07RN-F5G 1.5 mm<sup>2</sup></b>   Screwed on   Rewirable	
349.027	Input: 1 x CEE plug 16 A / 400 V~   Output: 3 x socket outlets with earthing contact 250 V~
349.035	Input: 1 x CEE plug 16 A / 400 V~   Output: 3 x CEE sockets 16 A / 400 V~




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

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

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



## Start Inrush current limiter, IP44

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




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

# Mounting plugs/ mounting couplings

## SMART PLUG

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

#	
	
<b>Mounting plug – rewirable</b>	
933.008	Black
933.009	White




933.008



933.009

## FLAT PLUG

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

#	
	
<b>Mounting plug – rewirable</b>	
933.001	Black
933.002	White



933.001




933.002



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

Further versions of **SMART PLUG** and **FLAT PLUG** can be found on page 32, 71 and 76.

**Solid rubber plug 16 A/250 V~ | Black**

#	
	
<b>Contour plug, 2-pole</b>	
919.179	For mounting on cables up to H07RN-F 2 x 2.50 mm <sup>2</sup> , without earthing contact   Snap latch; may only be supplied to end user pre-wired
<b>Plug</b>	
913.173	IP44, DIN 49441-2-AR1   For mounting on cables up to H07RN-F 3G 2.50 mm <sup>2</sup>   Solid rubber insert with earthing contact   Standardised snap latch and kink protection   Lateral screws and insulated screw terminals   Temperature range -40 °C to 70 °C
<b>Right-angled plug</b>	
919.171	IP44, DIN 49441-2-AR1   For mounting on cables up to H07RN-F 3G 2.50 mm <sup>2</sup>   Robust industrial version with solid rubber insert and earthing contact   Standardised snap latch   Screw terminals and metal strain relief sleeve   Lateral screws and insulated screw terminals   Temperature range -40 °C to 70 °C
919.178	With dual earthing contact system   IP44, DIN 49441-2-AR1   For mounting on cables up to H07RN-F 3G 2.50 mm <sup>2</sup>   Robust industrial version with solid rubber insert and earthing contact   Standardised snap latch   Screw terminals and metal strain relief sleeve   Lateral screws and insulated screw terminals   Temperature range -40 °C to 70 °C



919.179

913.173




919.171

919.178

**Solid rubber couplings 16 A/250 V~ | Black**

- DIN 49440-2-D-AR1nik
- For mounting on cables up to H07RN-F 3G 2.50 mm<sup>2</sup>
- Temperature range -40 °C to 70 °C

#	
	
<b>Coupling</b>	
913.175	Solid rubber insert with earthing contact and lateral screws   Robust industrial version with screw terminals and standardised snap latch
919.177	IP44   Thermoplastic insert with earthing contact, lateral screws and lid   Robust industrial version with screw terminals and standardised snap latch
<b>3-way coupling</b>	
913.170	IP44   Solid rubber insert with earthing contact   Robust industrial version with hinged lid and hanger, standardised snap latch and protective rubber sleeve   Lateral screws and insulated screw terminals   For permanent use out of doors and on construction sites



913.170


913.175



919.177

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

- For mounting on cables up to H07RN-F 3G 2.50 mm<sup>2</sup>

#	
	
<b>Coupling</b>   Thermoplastic insert with earthing contact and strain relief sleeve	
913.174	DIN 49440
919.176	IP44, DIN 49440   With lid
<b>Plug</b>   IP44	
913.171	DIN 49441   Thermoplastic insert with dual earthing   Also suitable for France and Belgium   Rotatable strain relief sleeve for different cable cross-sections



913.174

919.176



913.171



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

**Earthing contact plug 16 A/250 V~**

#	
<b>Flat plug/angled</b>   Shatter-proof version, with lateral entry   H05VV-F 3G 1.50 mm <sup>2</sup>	
911.170	Black
911.270	White
911.470	Brown
<b>Mounting plug</b>   Small version, shatter-proof plastic, with separate strain relief sleeve, no small parts to lose   H05VV-F 3G 0.75 / 1.0 / 1.5 mm <sup>2</sup>   With dual earthing contact system and nickel-plated contacts, for e.g. Germany and France	
910.100	Black
910.200	White
<b>Right-angled plug</b>   Shatter-proof plastic   Robust   With strain relief sleeve and protective rubber sleeve   With dual earthing contact system   H05VV-F 3G 0.75 / 1.0 / 1.5 mm <sup>2</sup>	
960.102	Black
960.202	White
960.302	Grey
<b>Right-angled plug</b>   Small version   Shatter-proof plastic, with lateral earthing contact   H05VV-F 3G 1.5 mm <sup>2</sup>	
911.172	Black
911.272	White
<b>Right-angled plug with control switch</b>   Shatter-proof plastic version, with 2-pole illuminated rocker switch   H05VV-F 3G 1.50 mm <sup>2</sup>	
911.273	White
<b>Right-angled plug with switch</b>   Shatter-proof plastic version, with 2-pole rocker switch   H05VV-F 3G 1.50 mm <sup>2</sup>	
911.171	Black
911.271	White
<b>Central plug DIN 49441</b>   Large version   Shatter-proof plastic, with strain relief sleeve   H05VV-F 3G 1.0 mm <sup>2</sup>	
910.971	Grey
<b>Central plug DIN 49441</b>   Small version   Shatter-proof plastic, with strain relief sleeve   H05VV-F 3G 1.0 mm <sup>2</sup>	
910.170	Black
910.270	White
910.470	Brown
<b>Central plug</b>   Large version   Shatter-proof plastic   Robust   With strain relief sleeve and protective rubber sleeve   With dual earthing contact system   H05VV-F 3G 0.75 / 1.0 / 1.5 mm <sup>2</sup>	
960.101	Black
960.201	White
960.301	Grey

**Couplings with earthing contact 16 A/250 V~**

#	
<b>Large version</b>   Shatter-proof plastic, with protective rubber sleeve   H05VV-F 3G 1.5 mm <sup>2</sup>	
912.971	Grey
<b>Large version</b>   With shutter   Shatter-proof plastic   With strain relief sleeve and protective rubber sleeve   Robust   H05VV-F 3G 0.75 / 1.0 / 1.5 mm <sup>2</sup>	
960.103	Black
960.203	White
960.303	Grey
<b>Small version</b>   Shatter-proof plastic   H05VV-F 3G 1.5 mm <sup>2</sup>	
912.170	Black
912.270	White
912.470	Brown



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



**Euro plugs and couplings 2.5 A / 250 V~**

- Plastic version
- Packed version: contains 3 items in plastic bag – only supplied in packaging unit of 3
- For flat cables up to H05VV-F 2 x 0.75 mm<sup>2</sup>

#		
<b>Coupling</b>		
900.012	Black   With screw connection, packed, 3 items in each bag	
900.004	Black   With screw connection, unpacked	
900.013	White   With screw connection, packed, 3 items in each bag	
900.005	White   With screw connection, unpacked	
<b>Plug</b>		
900.010	Black   With screw connection, packed, 3 items in each bag	
900.002	Black   With screw connection, unpacked	
900.011	White   With screw connection, packed, 3 items in each bag	
900.003	White   With screw connection, unpacked	



900.004



900.005



900.002



900.003

**Safety connector Perilex plug 16 A | 400/230 V~**

- Lateral entry, 3-pole + N + E
- IP20

#		
349.206	White	



349.206

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

- Up to max. H07RN-F 3G 2.5 mm<sup>2</sup>
- Belgian/French system
- IP44, thermoplastic and solid rubber version, with snap latch

#		
<b>Coupling</b>		
919.169	With snap latch and protection against contact   With thermoplastic lid	
<b>Plug</b>		
913.169	With dual earthing contact   With side fitting, screw terminals and insulated screw terminals	



919.169




913.169




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

**International plugs with earthing contact**

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

**International couplings with earthing contact**

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



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

# Non-heating devices/heating devices

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

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



917.171



915.973



915.270



917.170



915.271

## Non-heating device plugs and sockets 16 A / 250 V~ | 70 °C

- 2-pole with earthing contact

#	
	<b>C19 non-heating device socket</b>   For cables up to 3G 1.5 mm²   Thermoplastic version   With protective rubber sleeve for cable mounting
915.174	Black
	<b>C19 non-heating device built-in socket</b>   J   Thermoplastic version
917.172	Black
	<b>C20 non-heating device built-in plug</b>   Thermoplastic version
917.173	Black
	<b>C20 non-heating device plug</b>   Thermoplastic version   With protective rubber sleeve for cable mounting
915.175	Black



917.172



915.174



917.173




915.175



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

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

#	
<b>C15 A heating device socket</b>   10 A / 250 V~   155 °C   For cables up to 3G 1.00 mm²   Thermoplastic version   Screw connection, protective rubber sleeve and strain relief sleeve	
916.170	Black
916.970	Grey (similar to RAL7035)
<b>C16 A heating device in-built plug</b>   E   10 A / 250 V~   155 °C   Thermoplastic version with screw connection	
918.170	Black
<b>C21 heating device socket</b>   16 A / 250 V~   155 °C   Protective rubber sleeve for cable mounting	
918.171	Black




916.970



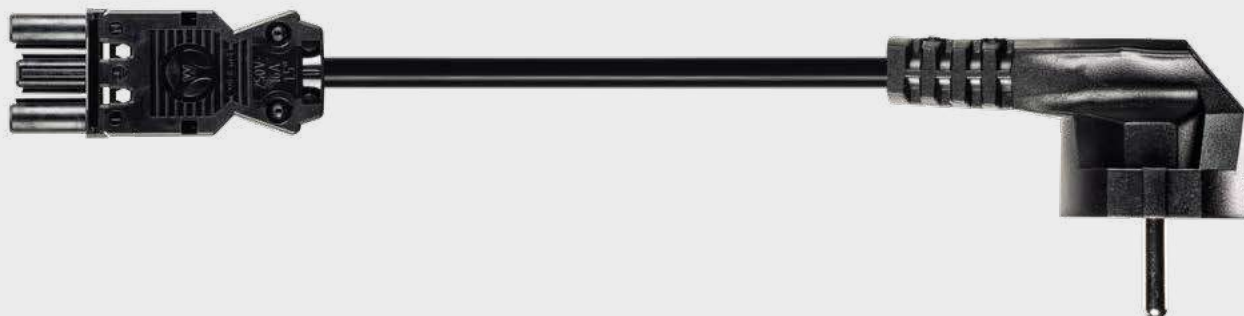
918.170



918.171



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



# Wieland installation connection system


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



# wieland

**Screw connection**

- Ready to fit, with strain relief sleeve
- For cross-section 0.75–2.5 mm<sup>2</sup>, solid and flexible conductors can be connected without ferrules
- For cable diameters 6.5–10.5 mm (H05VV, NYM)

#	
	
<b>Device coupling, GST18i3</b>	
375.505	Black   Wieland 99.404.4396.1
375.514	White   Wieland 92.931.3053.0
<b>Device plug, GST18i3</b>	
375.504	Black   Wieland 99.403.4396.1
375.517	White   Wieland 92.932.3053.0




375.505



375.504

**Spring-loaded terminal**

- Ready to fit, with strain relief sleeve
- For rigid cables of 1.5–2.5 mm<sup>2</sup> or flexible cables of 1.5 mm<sup>2</sup> with ferrules
- 2 connections per pole, not mounted, for cables H05VV, NYM (Ø 7.8–10.3 mm)

#	
	
<b>Device coupling, GST18i3</b>	
940.070	Bright red   Wieland 92.933.0553.0
940.071	Pebble grey   Wieland 92.933.0153.0
<b>Device plug, GST18i3</b>	
940.073	Bright red   Wieland 92.934.0553.0
940.074	Pebble grey   Wieland 92.934.0153.0




940.070



940.073

**Spring-loaded snap-in**

- With interlock
- Flexible cables 0.5–1.5 mm<sup>2</sup> with ferrules
- Rigid cables 0.5–2.5 mm<sup>2</sup>

#	
	
<b>Built-in coupling, GST18i3</b>	
375.507	Black   Wieland 92.031.9658.1
<b>Built-in plug, GST18i3</b>	
375.506	Black   Wieland 92.032.9658.1




375.507



375.506

# Wieland installation connection system

## Device supply cable, GST18

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



375.075




375.017



375.068

## GST18 device supply cable with additional earth connection

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


#		
		
	<b>GST18 earthing contact plug</b>   Cable: H05VV-F 3G 1.5 mm²   End 1: Right-angled plug with earthing contact   End 2: Wieland GST18i3 socket with 0.3 m   1.5 mm² green/yellow with M6 ring terminal	
375.115	2.0 m   Black	
375.116	3.0 m   Black	
375.117	5.0 m   Black	



375.117




**GST18 device extension cable**

#	
	
<b>GST18/GST18</b>   Halogen-free cable   Cable: H05Z1Z1-F3G 1.50 mm²   End 1: Wieland GST18i3 plug   End 2: Wieland GST18i3 socket	
375.080	0.3 m   Black
375.081	1.0 m   Black
375.082	2.0 m   Black
375.083	3.0 m   Black
<b>GST18/GST18</b>   Cable: H05VV-F 3G 1.50 mm²   End 1: Wieland GST18i3 plug   End 2: Wieland GST18i3 socket	
375.050	0.3 m   Black
375.053	1.0 m   Black
375.038	2.0 m   Black
375.055	3.0 m   Black



375.050

**GST15/GST18 device extension cable**


#	
	
<b>GST15/GST18</b>   Cable: H05VV-F 3G 1.50 mm²   End 1: Wieland GST15i3 plug   End 2: Wieland GST18i3 socket	
375.127	1.5 m   Black
375.128	3.0 m   Black
375.129	5.0 m   Black



375.127

**ST18 device supply cable/device extension cable**

- old connector system, not pluggable under load

#	
	
<b>ST18/earthing contact plug device supply cable</b>   Cable: H05VV-F 3G 1.50 mm²   End 1: Right-angled plug with earthing contact   End 2: Wieland ST18/3 socket	
375.079	2.0 m   Black
375.040	3.0 m   Black
375.076	5.0 m   Black
<b>ST18/ST18 device extension cable</b>   Cable: H05VV-F 3G 1.50 mm²   End 1: Wieland ST18/3 plug   End 2: Wieland ST18/3 socket	
375.071	0.5 m   Black
375.072	1.0 m   Black
375.073	1.5 m   Black
375.064	3.0 m   Black




375.071



375.079

**Interlocks**

#	
	
<b>Locking latch (interlock)</b>   Compliant with VDE 0628	
375.501	Black   For snap-In fitted plug and coupling
<b>Interlock for device plugs and couplings</b>   Compliant with VDE 0628	
375.518	Black   Snaps onto the relevant plugs and couplings



375.501



375.518

**Connectors/distributors**

#	
<b>Distributor block, GST18i3</b>   For power distribution   Input: 3-pole plug   Output: 3-pole socket section	
375.123	1 x input, 3 x outputs   Black   With mounting option
375.541	1x input   5x outputs   Black   With mounting option
375.102	1 x input, 2 x outputs   Black   Without mounting option
375.107	1 x input, 2 x outputs   Black   With mounting option
<b>Distributor block, GST18i5</b>   Through wiring for 3-phase current, 5 and 3-pole   Input: 1 x 5-pole plug   Output: 1 x 5-pole socket   2x 3-pole socket per phase	
375.106	1 x input, 1 + 6 x output   Black
<b>Intermediate coupling</b>   No interlock   Allows easy linking of e.g. 2 STEP power strips with the same or different connector systems   1 x input (plug) and 1 x output (socket)	
375.500	GST/GST   Black
375.515	GST/ST   Black
375.516	ST/GST   Black



375.123

375.102



375.107

375.106

**Accessories**

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



375.503



375.542

# Extension cables

## 16 A CEE extension cable | Rubber/neoprene

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

#		
<b>Cable: H07RN-F 5G 1.50 mm<sup>2</sup></b>		
344.170	5.0 m   Black	
344.171	10.0 m   Black	
344.172	25.0 m   Black	
<b>Cable: H07RN-F 5G 1.50 mm<sup>2</sup>   With phase inverter</b>		
344.174	10.0 m   Black	
344.175	25.0 m   Black	
<b>Cable: H07RN-F 5G 2.50 mm<sup>2</sup></b>		
347.170	5.0 m   Black	
347.171	10.0 m   Black	
347.172	25.0 m   Black	



347.172

## 32 A CEE extension cable | Rubber/neoprene

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

#		
<b>Cable: H07RN-F 5G 4.00 mm<sup>2</sup>   Surrounding temperature during use up to 25°C</b>		
346.170	5.0 m   Black	
346.171	10.0 m   Black	
346.172	25.0 m   Black	
<b>Cable: H07RN-F 5G 6.00 mm<sup>2</sup></b>		
348.171	10.0 m   Black	
348.172	25.0 m   Black	



346.172

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

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

#		
<b>Cable: H07RN-F 3G 1.50 mm<sup>2</sup></b>		
343.174	5.0 m   Black	
343.175	10.0 m   Black	
343.176	25.0 m   Black	



343.175

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

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

#	
<b>Cable: H07RN-F 3G 1.50 mm<sup>2</sup></b>	
343.170	5.0 m   Black
343.171	10.0 m   Black
343.172	25.0 m   Black
343.173	50.0 m   Black
<b>Cable: H07RN-F 3G 2.50 mm<sup>2</sup></b>	
343.191	10.0 m   Black
343.192	25.0 m   Black



343.171

**Extension cable with earthing contact | Rubber**

- 16 A / 250 V~ | 70 °C | IP44
- End 1: Central plug with earthing contact
- End 2: Coupling with earthing contact with lid

#	
<b>Cable: H05RR-F 3G 1.50 mm<sup>2</sup></b>	
343.179	10.0 m   Black
343.177	25.0 m   Black



343.179

**Lawnmower extension cable | Rubber/neoprene**

- 16 A / 250 V~ | 70 °C | IP44
- End 1: Central plug with earthing contact
- End 2: Coupling with earthing contact with lid

#	
<b>Cable: H07RN-F 3G 1.50 mm<sup>2</sup></b>	
343.373	15.0 m   Red
343.370	25.0 m   Red
343.372	35.0 m   Red
343.371	50.0 m   Red



343.370

**Extension cable with earthing contact | PVC**

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

#	
<b>Cable: H05VV-F 3G 1.50 mm<sup>2</sup></b>	
341.879	10.0 m   Orange
341.870	25.0 m   Orange




341.879

Similar to picture

**Extension cable with earthing contact | PVC**

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

#



**Cable: H05VV-F 3G 1.50 mm<sup>2</sup>**


341.284	2.0 m   White
341.184	2.0 m   Black
341.285	3.0 m   White
341.185	3.0 m   Black
341.287	4.0 m   White
341.286	5.0 m   White
341.186	5.0 m   Black
341.288	7.5 m   White
341.289	10.0 m   White
341.189	10.0 m   Black
341.281	15.0 m   White

**Cable: H05VV-F 3G 1.50 mm<sup>2</sup> | With shutter**

341.200S	2.0 m   White
341.201S	3.0 m   White
341.202S	5.0 m   White
341.203S	10.0 m   White

**Euro extension cable | PVC**

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

#		
<b>Cable: H03VVH2-F2 0.75 mm<sup>2</sup></b>		
233.284	2.0 m   White	
233.184	2.0 m   Black	
233.285	3.0 m   White	
233.185	3.0 m   Black	
233.286	5.0 m   White	
233.186	5.0 m   Black	

**C14/C13 non-heating device extension cable | PVC**

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

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



356.975

**C20/C19 non-heating device extension cable | PVC**

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

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




356.910



356.174

**SMART PLUG extension cable**


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

#	
	
<b>Coupling with earthing contact</b>   With 1.5 m H05VV-F 3G 1.5	
933.013	White
<b>Coupling with earthing contact</b>   With 3.0 m H05VV-F 3G 1.5	
933.011	White



**FLAT PLUG extension cable**

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

#	
	
<b>Coupling with earthing contact</b>   With 1.5 m H05VV-F 3G 1.5	
933.006	White




Further versions of **SMART PLUG** and **FLAT PLUG** can be found on page 32, 55 and 76.



# Supply cables/ connection cables

## Supply cable with earthing contact | Rubber/PUR

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


#	
	
<b>Cable: H05BQ-F 3G 1.00 mm<sup>2</sup></b>   Ø approx. 7.9 mm	
328.875	3.0 m   Orange   Unpacked
328.876	5.0 m   Orange   Unpacked
<b>Cable: H07BQ-F 3G 1.50 mm<sup>2</sup></b>   Ø approx. 8.6 mm	
327.875	3.0 m   Orange   Unpacked
327.876	5.0 m   Orange   Unpacked



328.875

## Supply cable with earthing contact | Neoprene

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

#	
	
<b>Cable: H05RR-F 3G 0.75 mm<sup>2</sup></b>   Ø approx. 6.7 mm	
321.174	2.0 m   Black   Unpacked
321.175	3.0 m   Black   Unpacked
321.176	5.0 m   Black   Unpacked
<b>Cable: H07RN-F 3G 1.00 mm<sup>2</sup></b>   Ø approx. 8.9 mm	
320.174	2.0 m   Black   Unpacked
320.185	3.0 m   Black   Individually packed
320.175	3.0 m   Black   Unpacked
320.186	5.0 m   Black   Individually packed
320.176	5.0 m   Black   Unpacked
<b>Cable: H07RN-F 3G 1.50 mm<sup>2</sup></b>   Ø approx. 9.5 mm	
322.184	2.0 m   Black   Individually packed
322.174	2.0 m   Black   Unpacked
322.185	3.0 m   Black   Individually packed
322.175	3.0 m   Black   Unpacked
322.186	5.0 m   Black   Individually packed
322.176	5.0 m   Black   Unpacked
<b>Cable: H07RN-F 3G 2.50 mm<sup>2</sup></b>   Ø approx. 11.3 mm	
323.185	3.0 m   Black   Individually packed
323.186	5.0 m   Black   Individually packed



321.175

**Supply cable with earthing contact | PVC**

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

#	
<b>Cable: H03VV-F 3G 0.75 mm<sup>2</sup>   Ø approx. 5.5 mm</b>	
301.274	2.0 m   White   Unpacked
301.174	2.0 m   Black   Unpacked
301.974	2.0 m   Grey   Unpacked
301.275	3.0 m   White   Unpacked
301.175	3.0 m   Black   Unpacked
<b>Cable: H05VV-F 3G 1.00 mm<sup>2</sup>   Ø approx. 7.0 mm</b>	
304.274	2.0 m   White   Unpacked
304.284	2.0 m   White   Individually packed
304.174	2.0 m   Black   Unpacked
304.184	2.0 m   Black   Individually packed
304.974	2.0 m   Grey   Unpacked
304.275	3.0 m   White   Unpacked
304.285	3.0 m   White   Individually packed
304.175	3.0 m   Black   Unpacked
304.185	3.0 m   Black   Individually packed
304.276	5.0 m   White   Unpacked
304.176	5.0 m   Black   Unpacked
<b>Cable: H05VV-F 3G 1.50 mm<sup>2</sup>   Ø approx. 8.0 mm</b>	
305.274	2.0 m   White   Unpacked
305.284	2.0 m   White   Individually packed
305.174	2.0 m   Black   Unpacked
305.184	2.0 m   Black   Individually packed
305.974	2.0 m   Grey   Unpacked
305.275	3.0 m   White   Unpacked
305.285	3.0 m   White   Individually packed
305.175	3.0 m   Black   Unpacked
305.185	3.0 m   Black   Individually packed
305.975	3.0 m   Grey   Unpacked
305.276	5.0 m   White   Unpacked
305.176	5.0 m   Black   Unpacked



304.275

**Supply cable with earthing contact | PVC**

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


#	
<b>Cable: H03VV-F 3G 0.75 mm<sup>2</sup>   Ø approx. 5.5 mm</b>	
311.273	1.5 m   White   Unpacked
312.174	2.0 m   Black   Individually packed
312.275	3.0 m   White   Individually packed
312.175	3.0 m   Black   Individually packed



312.275

**Supply cable with earthing contact | PVC | With intermediate switch**

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


#		
		
<b>Cable: H03VV-F 3G 0.75 mm²</b>   Ø approx. 5.5 mm		
302.274	2.0 m   White   Unpacked	
302.174	2.0 m   Black   Unpacked	

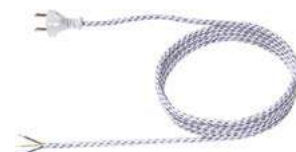


302.274

**Iron supply cable | Textile**

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


#		
		
<b>Cable: H03RT-F 3G 1.00 mm² – TEXTILE</b>   Ø approx. 6.5 mm		
313.176	3.0 m   Grey/white   Individually packed	



313.176

**Vacuum cleaner replacement cable | PVC**

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


#		
		
<b>Cable: H05VV-F 2 x 0.75 mm²</b>   Ø approx. 6.4 mm		
240.187	6.3 m   Black   Individually packed	
240.189	10.0 m   Black   Individually packed	



240.189

**Contour supply cable | Rubber/PUR**

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


#		
		
<b>Cable: H05BQ-F 2 x 1.00 mm²</b>   Ø approx. 6.8 mm		
244.875	3.0 m   Orange   Unpacked	
244.876	5.0 m   Orange   Unpacked	
<b>Cable: H07BQ-F 2 x 1.50 mm²</b>   Ø approx. 8.3 mm		
249.875	3.0 m   Orange   Unpacked	
249.876	5.0 m   Orange   Unpacked	



244.875


**Contour supply cable | Neoprene**

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

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


**Contour supply cable | PVC**

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

#		
		
<b>Cable: H05VV-F 2 x 1.00 mm<sup>2</sup></b>   Ø approx. 6.5 mm		
241.275	3.0 m   White   Unpacked	
241.175	3.0 m   Black   Unpacked	

**Euro supply cable | PVC**


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

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



**Euro supply cable with intermediate switch | PVC**

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

#	
	
<b>Cable: H03VVH2-F 2 x 0.75 mm<sup>2</sup></b>	
211.274	1.8 m   White   Unpacked
211.174	1.8 m   Black   Unpacked




211.274



211.174

**FLAT PLUG supply cable | PVC**

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


#	
	
<b>Ferrules</b>   With 1.5 m H05VV-F 3G 1.5   10 cm stripped	
933.004	White



933.004

**C13 non-heating device supply cable | PVC**

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

#	
	
<b>Cable: H05VV-F 3G 0.75 mm<sup>2</sup></b>	
351.174	2.0 m   Black   Unpacked
351.184	2.0 m   Black   Individually packed
351.974	2.0 m   Grey   Unpacked
351.984	2.0 m   Grey   Individually packed
<b>Cable: H05VV-F 3G 1.00 mm<sup>2</sup></b>	
353.175	3.0 m   Black   Unpacked
353.185	3.0 m   Black   Individually packed
353.975	3.0 m   Grey   Unpacked
353.985	3.0 m   Grey   Individually packed
<b>Cable: H05VV-F 3G 1.50 mm<sup>2</sup></b>	
356.172	0.5 m   Black   Individually packed
356.905	0.5 m   Grey   Individually packed
356.1721	0.75 m   Black   Individually packed
356.906	0.75 m   Grey   Individually packed
356.1722	1.0 m   Black   Individually packed
356.907	1.0 m   Grey   Individually packed
356.1723	1.5 m   Black   Individually packed
356.908	1.5 m   Grey   Individually packed
354.127	2.0 m   Black   Unpacked
356.909	2.0 m   Grey   Individually packed




353.975

Further versions of **FLAT PLUG** can be found on page 32, 55 and 71.

**C19 non-heating device supply cable | PVC**

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

#		
356.937	0.5 m   Grey   Individually packed	
356.938	0.75 m   Grey   Individually packed	
356.939	1.0 m   Grey   Individually packed	
356.940	1.5 m   Grey   Individually packed	

356.939


**Cable: H05VV-F 3G 1.50 mm<sup>2</sup>**

356.1971	0.5 m   Black   Individually packed	
356.1973	1.0 m   Black   Individually packed	
356.1974	1.5 m   Black   Individually packed	
356.1975	2.0 m   Black   Individually packed	
352.174	2.0 m   Black   Unpacked	
356.941	2.0 m   Grey   Individually packed	
352.175	3.0 m   Black   Unpacked	

352.175

**Heating device supply cable | Rubber**


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

#		
<b>Cable: H05RR-F 3G 1.00 mm<sup>2</sup>   Ø approx. 6.5 mm</b>		
372.174	2.0 m   Black   Unpacked	
372.184	2.0 m   Black   Individually packed	

372.174

**Small appliance supply cable | PVC**

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

#		
<b>Cable: H03VVH2-F 2 x 0.75 mm<sup>2</sup>   Flat cable approx. 3.6 x 5.6 mm</b>		
251.173	1.5 m   Black   Unpacked	
251.183	1.5 m   Black   Individually packed	

251.173

**Cooker connecting cable with ferrules | PVC**

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

#	
<b>Cable: H05VV-F 3G 2.50 mm<sup>2</sup></b>   Ø approx. 10.1 mm	
118.270	1.5 m   White   Unpacked
<b>Cable: H05VV-F 5G 1.50 mm<sup>2</sup></b>   Ø approx. 9.5 mm	
116.280	1.5 m   White   Individually packed
116.270	1.5 m   White   Unpacked
116.271	2.0 m   White   Unpacked
116.272	3.0 m   White   Unpacked
<b>Cable: H05VV-F 5G 2.50 mm<sup>2</sup></b>   Ø approx. 11.3 mm	
119.280	1.5 m   White   Individually packed
119.270	1.5 m   White   Unpacked
119.281	2.0 m   White   Individually packed
119.271	2.0 m   White   Unpacked
119.272	3.0 m   White   Unpacked



116.271

**Cooker connecting cable with fork-type lugs | PVC**

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

#	
<b>Cable: H05VV-F 5G 2.50 mm<sup>2</sup></b>   Ø approx. 11.3 mm	
119.274	2.0 m   White   Unpacked



119.274

**Transparent connection cable**

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

#	
<b>FEP/PVC, 3 x 0.75 mm<sup>2</sup></b>	
130.080	1.5 m
130.081	3.0 m
150.072	50.0 m ring
<b>FEP/PVC, 3 x 1.50 mm<sup>2</sup></b>	
131.080	1.5 m
131.081	3.0 m
150.070	50.0 m ring
<b>FEP/PVC, 5 x 0.75 mm<sup>2</sup></b>	
132.080	1.5 m
132.081	3.0 m
151.072	50.0 m ring
<b>FEP/PVC, 5 x 1.50 mm<sup>2</sup></b>	
133.080	1.5 m
133.081	3.0 m
151.070	50.0 m ring



130.081



## Properties and application examples

- 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

### Cable construction

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

### Example applications

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


**We can provide custom configurations to suit your specification or following free consultation with our experts. As a manufacturer of many years' standing, we possess a wealth of know-how. See page 298 onwards (international plugs and couplings).**

For suitable **cooker connection socket**, see page 46.

# Spiral cables

## Spiral extension cable with earthing contact plug | PVC

- Elongation factor 1:4 | 70 °C
- End 1: Earthing contact central plug with double protective contact system, moulded
- End 2: Coupling with earthing contact, moulded


#	
	
<b>YMHY-J 3G 1.50 mm², Ø approx. 8.4 mm, CID: approx. 10 mm, CED: approx. 27 mm</b>	
672.280	White   Coil length: 500 mm   Operating length: 2,000 mm
672.180	Black   Coil length: 500 mm   Operating length: 2,000 mm
672.281	White   Coil length: 1000 mm   Operating length: 4,000 mm
672.181	Black   Coil length: 1000 mm   Operating length: 4,000 mm



672.280

## Spiral cable with earthing contact | PUR | Orange

- Insulation: Rubber | Sheath: PUR | Elongation factor 1:5 | 70 °C
- End 1: Length 100 mm straight, central plug with dual earthing contact system, moulded
- End 2: Length 200 mm incl. 30 mm stripped, with ferrules


#	
	
<b>H07BQ-F 3G 1.50 mm², Ø approx. 9.5 mm, CID: approx. 13 mm, CED: approx. 32 mm</b>	
665.870	Orange   Coil length: 500 mm   Operating length: 2,500 mm
665.871	Orange   Coil length: 1,000 mm   Operating length: 5,000 mm



665.871

## Contour supply cable | PUR | Orange

- Insulation: Rubber | Sheath: PUR | Elongation factor 1:5 | 70 °C
- End 1: Contour plug, moulded
- End 2: Length 100 mm incl. 30 mm stripped, with ferrules


#	
	
<b>H05BQ-F 2 x 1.00 mm², Ø approx. 7 mm, CID: approx. 9 mm, CED: approx. 23 mm</b>	
624.871	Orange   Coil length: 1,000 mm   Operating length: 5,000 mm



624.871

## Spiral supply cable with earthing contact | PVC

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

#	
	
<b>YMHY-J 3G 1.50 mm², Ø approx. 8.4 mm, CID: approx. 10 mm, CED: approx. 27 mm</b>	
663.270	White   Coil length: 500 mm   Operating length: 2,000 mm
663.170	Black   Coil length: 500 mm   Operating length: 2,000 mm
663.271	White   Coil length: 1,000 mm   Operating length: 4,000 mm
663.171	Black   Coil length: 1,000 mm   Operating length: 4,000 mm

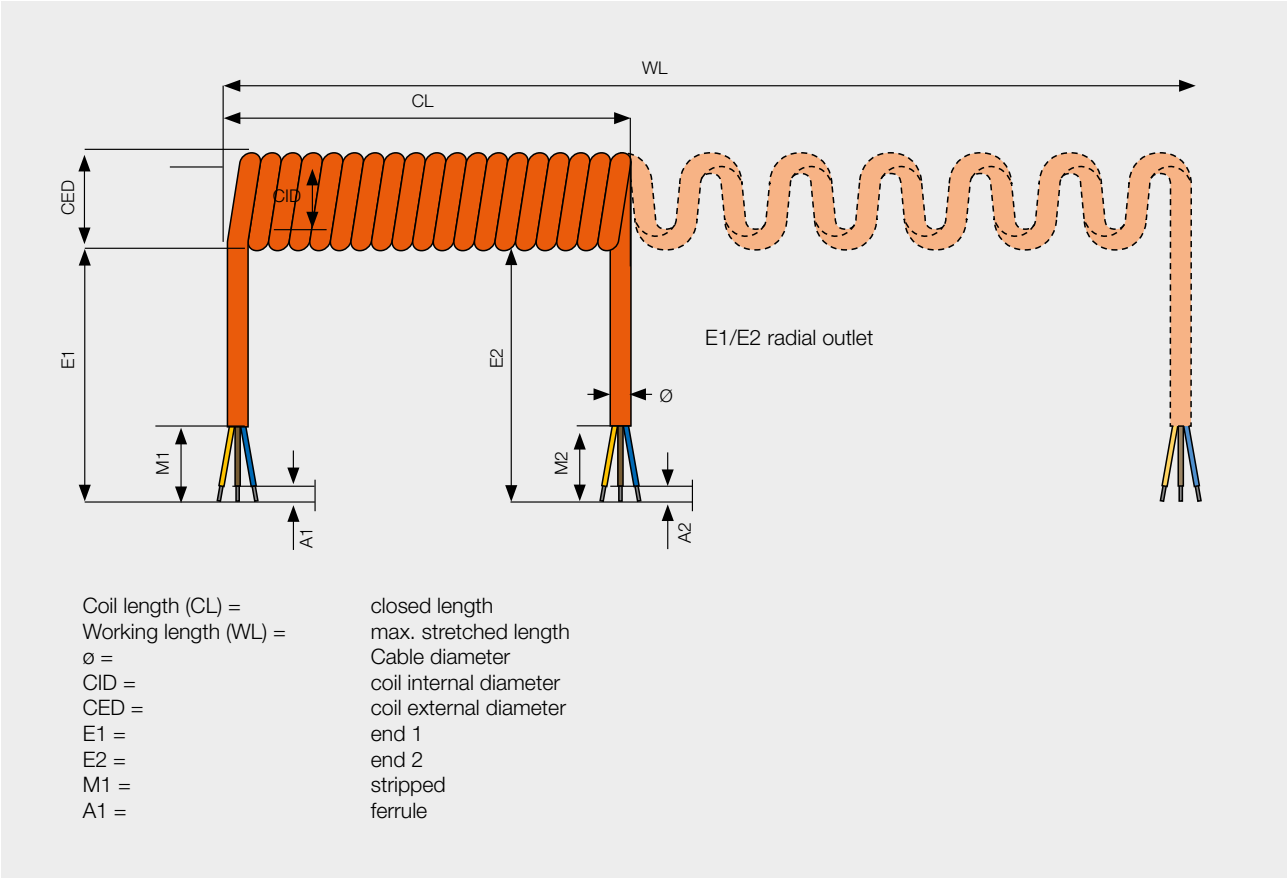


663.271

**Spiral cable, PUR**

• Insulation: PVC | Sheath: PUR | Elongation factor 1:5 | 70 °C

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



**Spiral cable, PUR**

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

#

**H07BQ-F 3G 1.50 mm², Ø approx. 9.5 mm, CID: approx. 13 mm, CED: approx. 32 mm**

684.880	Orange   Coil length: 500 mm   Operating length: 2,500 mm
684.881	Orange   Coil length: 1,000 mm   Operating length: 5,000 mm
684.882	Orange   Coil length: 1,500 mm   Operating length: 7,500 mm

**H07BQ-F 3G 2.50 mm², Ø approx. 10.8 mm, CID: approx. 18 mm, CED: approx. 40 mm**

682.880	Orange   Coil length: 500 mm   Operating length: 2,500 mm
682.881	Orange   Coil length: 1,000 mm   Operating length: 5,000 mm
682.882	Orange   Coil length: 1,500 mm   Operating length: 7,500 mm

**H07BQ-F 5G 1.50 mm², Ø approx. 11.3 mm, CID: approx. 18 mm, CED: approx. 41 mm**

685.880	Orange   Coil length: 500 mm   Operating length: 2,500 mm
685.881	Orange   Coil length: 1,000 mm   Operating length: 5,000 mm
685.882	Orange   Coil length: 1,500 mm   Operating length: 7,500 mm

**H07BQ-F 5G 2.50 mm², Ø approx. 13.7 mm, CID: approx. 18 mm, CED: approx. 46 mm**

683.880	Orange   Coil length: 500 mm   Operating length: 2,500 mm
683.881	Orange   Coil length: 1,000 mm   Operating length: 5,000 mm
683.882	Orange   Coil length: 1,500 mm   Operating length: 7,500 mm

**H07BQ-F 7G 1.50 mm², Ø approx. 13.9 mm, CID: approx. 18 mm, CED: approx. 46 mm**

681.880	Orange   Coil length: 500 mm   Operating length: 2,500 mm
681.881	Orange   Coil length: 1,000 mm   Operating length: 5,000 mm
681.882	Orange   Coil length: 1,500 mm   Operating length: 7,500 mm



684.880

**Spiral cable, PUR**

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

#

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

692.280	White   Coil length: 500 mm   Operating length: 2,500 mm
692.180	Black   Coil length: 500 mm   Operating length: 2,500 mm
692.281	White   Coil length: 1,000 mm   Operating length: 5,000 mm
692.181	Black   Coil length: 1,000 mm   Operating length: 5,000 mm
692.282	White   Coil length: 1,500 mm   Operating length: 7,500 mm
692.182	Black   Coil length: 1,500 mm   Operating length: 7,500 mm



692.280

**Spiral cable, PVC**

- Insulation: PVC | Sheath: PVC | Elongation factor 1:4 | 70 °C
- Characteristics: good value, low mechanical resistance, medium chemical resistance, medium reset force
- Example applications: lamps, IT systems and mobile devices/equipment

#	
<b>YMHY-J 3G 1.50 mm<sup>2</sup>, Ø approx. 8.4 mm, CID: approx. 10 mm, CED: approx. 27 mm</b>	
654.280	White   Coil length: 500 mm   Operating length: 2,000 mm
654.180	Black   Coil length: 500 mm   Operating length: 2,000 mm
654.281	White   Coil length: 1,000 mm   Operating length: 4,000 mm
654.181	Black   Coil length: 1,000 mm   Operating length: 4,000 mm
654.282	White   Coil length: 1,500 mm   Operating length: 6,000 mm
654.182	Black   Coil length: 1,500 mm   Operating length: 6,000 mm



654.280

**Lamp spiral cable**

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

#	
<b>LIY11Y-J 5x 1.50 mm<sup>2</sup>, Ø approx. 10 mm, CID: approx. 13 mm, CED: approx. 34 mm</b>   Sheath: PUR, elongation factor 1:5	
693.283	White   Coil length: 400 mm   Operating length: 2,000 mm
<b>YMHY-J 3G 1.50 mm<sup>2</sup>, Ø approx. 8.4 mm, CID: approx. 10 mm, CED: approx. 27 mm</b>   Sheath: PVC, elongation factor 1:4	
654.283	White   Coil length: 400 mm   Operating length: 1,600 mm
654.284	White   Coil length: 800 mm   Operating length: 3,200 mm



654.284

**Properties and application examples****Leads PVC/sheath PVC**

- Good value, low mechanical stiffness, medium chemical resistance, medium reset force
- For household appliances, lamps and IT systems

**Leads PVC/sheath PUR**

- Good chemical resistance, good resistance to cold, excellent abrasion and notching resistance, very good oil resistance, good restoring force.
- For connection cables in engineering and the building industry (construction equipment)

**Leads rubber PUR/sheath PUR**

- Good wear-resistance, good chemical resistance, good resistance to cold, excellent abrasion- and notching-resistance, very good oil-resistance, good reset force
- For machines and systems that require VDE-compatible connections: For example, mechanical engineering, construction equipment, electric tools, communication technology – particularly suitable for outdoor use or in damp environments

# Accessories

## Cablesafe box, IP64

- Offers outstanding protection for socket strips, extension cables and adapters
- 6 cable entries with separate strain relief sleeves
- Lockable and mountable from the back side; very robust construction
- For permanent use in the garden and on construction sites
- Ideal for Christmas lights, garden equipment and camping

#	
904.100	Light grey   Suitable for cable diameters from H05VV-F 3G 1.50 mm <sup>2</sup> to H07RN-F3G 1.50 mm <sup>2</sup>   UV-resistant   Suitable for e.g. SMART, item no. 387.270   Usable surface: W x H x D: 280 x 120 x 190 mm



904.100

## Cable box set, IP44

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

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



924.351

## Cablesafe, 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 for camping and for use with electric lawnmowers

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



919.371

## Cable-carrying aid

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

#	
394.179	Orange




394.179

# Flexible cable guide

## CABLE RETRACTOR - cable pull-out

- W x H x D: 220 x 220 x 50 mm
- Black
- Cable pulls out to 1.5 m
- Can only be used in combination with the CABLE RETRACTOR mount
- Cable gland 917.032 is required for installation
- Keeps patch cables at the ready and neatly tidied away
- Easy operation – pulled out by hand
- Mechanical spring-action retraction of cables not required

#	
930.550	Cable spool end: CAT6 coupling   Cable end: CAT6 plug
930.551	Cable spool end: HDMI coupling   Cable end: HDMI plug




930.550

930.551

## CABLE RETRACTOR – mount

- Black
- Can only be used in combination with CABLE RETRACTOR - cable pull-out
- Many combinations possible with BACHMANN desk connection panels

#	
930.500	W x H x D: 225 x 185 x 115 mm   Holds up to three cable pull-outs   Fits under the TOP FRAME without frame connection panel
930.501	W x H x D: 200 x 155 x 75 mm   Holds up to three cable pull-outs   Fits under the CONI COVER and POWER FRAME connection panels
930.502	W x H x D: 305 x 100 x 75 mm   Holds up to two cable pull-outs   Fits under the POWER FRAME connection panel
930.503	W x H x D: 225 x 185 x 65 mm   Holds up to three cable pull-outs   Fits under the CONI connection panel
930.504	W x H x D: 240 x 180 x 110 mm   Holds up to three cable pull-outs   Fits under the CONFERENCE connection panel



930.500

930.501

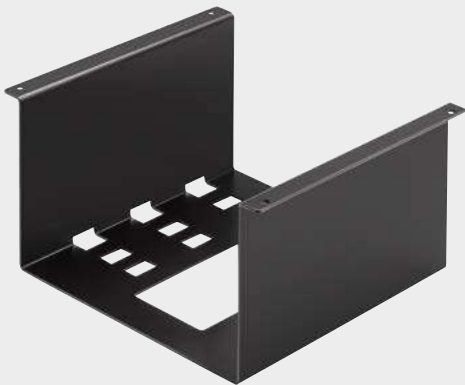


930.502

930.503




**Mounted under the table, this combination**  
is the perfect solution for tidy cabling.





Flexible cable guide system

#	
<b>Cable-Snake® Classic</b>   Horizontal and vertical cable guide   3-chamber system to separate low-current, data and power cables   46 chain links, W x H: approx. 53 x 23 mm   Length when separated: approx. 100 cm, when pushed together: approx. 72 cm	
930.030	Black
930.031	Silver
<b>Cable-Snake® Cube</b>   Horizontal and vertical cable guide   2-chamber system to separate data and power cables   34 chain links, W x H: approx. 55 x 25 mm   Length when separated: approx. 100 cm, when pushed together: approx. 69 cm	
930.058	Black
930.059	Silver
<b>Cable-Snake® Pro</b>   Horizontal and vertical cable guide   Increased resistance to being stepped on, even in the vicinity of junctions   5 chain links can withstand short-term loads of up to 120 kg   2-chamber system to separate data and power cables   Can also be connected directly to Cable-Snake® Classic   34 chain links, W x H: approx. 90 x 24 mm   Length when separated: approx. 100 cm, when pushed together: approx. 70 cm	
930.032	Black
930.033	Silver



930.031



930.059



930.033



The chain links are safe to step on and break-proof, and can be moved about relative to one another

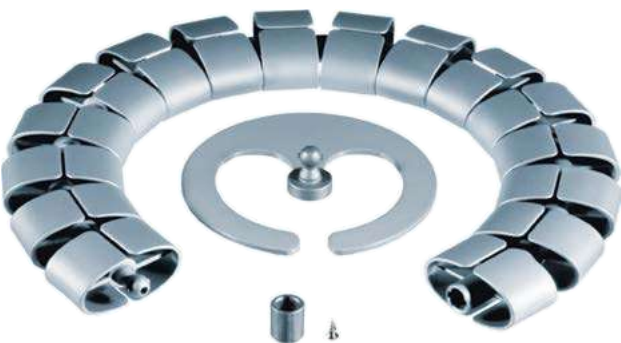
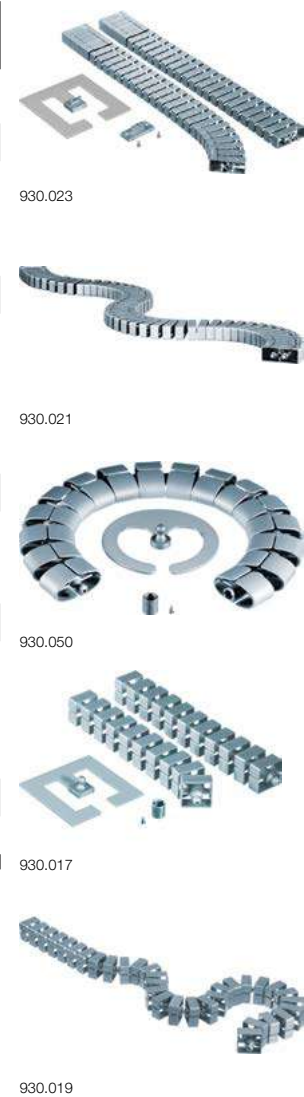
The power strip is earthed independently of the installation



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

Flexible cable guide system

#	
<b>Cable-Snake® FLEX II</b>   As addition to set item no. 930.022 and 930.023   For seating/standing combinations   54 links, length approx. 100 cm	
930.020	Black
930.021	Silver
<b>Cable-Snake® FLEX II set</b>   Vertical cable guide   38 chain links, W x H: approx. 55 x 22 mm   1 x metal base plate in appropriate colour   1 x table attachment in appropriate colour   2-chamber system to separate data and power cables and for ceiling suspensions   Length incl. base plate and table attachment approx. 75 cm	
930.022	Black
930.023	Silver
<b>Cable-Snake® Premium set</b>   Vertical cable guide   Design-oriented premium set: 16 chain links, W x H: approx. 70 x 35 mm   1 x metal base plate in appropriate colour   1 x table attachment in appropriate colour   The chain links can be pushed together completely to form a self-locking, elliptical cable duct.   2-chamber system to separate data and power cables   Length including base plate and table attachment approx. 78 cm   Length without accessories approx. 75 cm   Length when pushed together: approx. 59 cm in the set	
930.049	Black
930.050	Silver
<b>Cable-Snake® Quadro</b>   As addition to Quadro set item no. 930.016 and 930.017   For seating/standing combinations (height-adjustable) or table heights from 75 cm and for ceiling suspensions   32 links, length approx. 100 cm	
930.018	Black
930.019	Silver
<b>Cable-Snake® Quadro set</b>   Vertical cable guide   Functional set with a strong design element: 23 quadratic chain links, W x H: approx. 45 x 45 mm   1 x metal base plate in appropriate colour   1 x table attachment in appropriate colour   The Quadro system is very stable and can therefore be used for ceiling-based installations for room heights of up to approx. 5 metres.   2-chamber system to separate data and power cables   Length including base plate and table attachment approx. 76 cm	
930.016	Black
930.017	Silver



Special geometry enables individual cables to be unfurled through the sides of the links without risking crushing

2 connector shoulders for the transmission of forces, including torques and lateral forces

**Furniture connection**

#



**Easy-Bridge for smooth floors** | Aluminium floor duct, can be stepped on, length 100 cm | The Cable-Snake® Pro, Cube, Flex, Flex II and Classic can be connected directly

930.028 Silver

**Easy-Bridge for carpet** | Aluminium floor duct, can be stepped on, length 100 cm | The Cable-Snake® Pro, Cube, Flex, Flex II and Classic can be connected directly | Including connecting links

930.027 Silver

**Easy-Connect** | Universal coupling

930.026 Silver

**Easy-Desk-2B** | Adapter for vertical connections on furniture | Can be combined with Easy-Stop and Easy-Steel | Includes two 4 x 12 mm screws

930.029 Black

930.090 Silver

**Easy-Desk-3G** | Easy-Steel mounting bar fastening | Adapter for horizontal connection

930.025 Silver

**Easy-Steel mounting bar**

930.024 Length 750 mm, diameter 5 mm

**Easy-Stop-2B2K** | 3-part cable strain relief for Cable-Snake® Classic, Cube and Pro | Can be combined with Easy-Desk-2B and Easy-Steel | Includes clamping screws | For max. 16 cables

930.091 Black

930.092 Silver

**E-Cube-K-540® power column for supply of power and data**

930.166 To hold sockets indoors (e.g. item no.: 333.0122) | Material: Anodised aluminium/plastic | Dimensions: Height approx. 54 cm/Lid approx. 22.3 x 22.3 cm/Base approx. 24 x 24 cm | Hole diameter approx. 80 mm | Including blind lid



930.027



930.026



930.090



930.025



930.024



930.092

**Floor connection**

#	
<b>Easy-Cap</b>   Cover cap for Easy-Switch connections that are not needed	
930.044	Black
930.045	Silver
<b>Easy-Clip-L</b>   Floor outlet adapter for all common floor outlets   For Cable-Snake® Pro and Cube	
930.054	Black   L x W: Approx. 91.5 x 51 mm
<b>Easy-Clip-S</b>   Floor outlet adapter for all common floor outlets   For Cable-Snake® Classic	
930.036	Black   L x W: Approx. 86 x 47 mm
<b>Easy-Cover-II</b>   Combined with Easy-Outlet floor unit   Connection for 2 x Cube, Pro, Classic or Flex   Material: PP for use in floor outlet	
930.139	Silver
<b>Easy-Cover-I</b>   Combined with Easy-Outlet floor unit   Connection for 1 x Cube, Pro, Classic or Flex   Material: PP for use in floor outlet	
930.138	Silver
<b>Easy-Cover-Premium</b>   Combined with Easy-Outlet floor unit   Connection for 1 x Cable-Snake® Premium   Material: PP for use in floor outlet	
930.165	Black
<b>Easy-Cover-Quadro</b>   Combined with Easy-Outlet floor unit   Connection for 1 x Cable-Snake® Quadro   Material: PP for use in floor outlet	
930.164	Black
<b>Easy-Cover telescopic cover for floor unit</b>   Telescopic cover set for Easy-Outlet floor unit	
930.100	Black
930.137	Silver
<b>Easy-Outlet floor unit</b>   Floor level installation unit   Tight-braced fastening   Suited to dry-maintained raised and false floors	
930.098	Black
930.099	Silver
<b>Easy-Switch distributor</b>   For Cable-Snake® Classic, Cube and Pro   3-way distributor   Includes 4 coupling links of Cable-Snake® Cube	
930.034	Black
930.035	Silver
<b>Easy-Switch distributor including vertical connection for Cable-Snake® Premium</b>   For Cable-Snake® Classic, Cube and Pro   4-way distributor with fixing screw and base plate   Includes 4 coupling links of Cable-Snake® Cube	
930.057	Black


**Ceiling connection**

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




**Automatic Wrap**

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

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

**Manual Wrap**

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

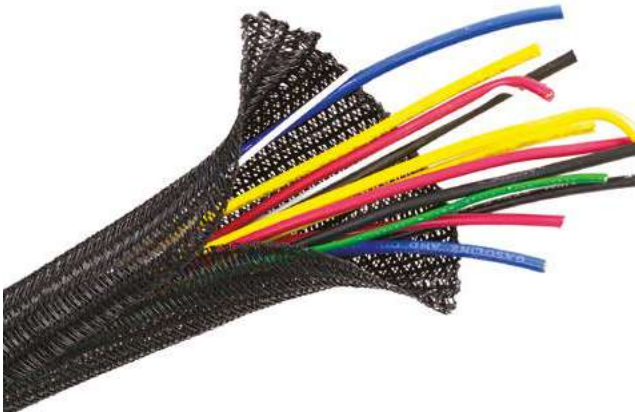
#	
	
Ø 3.18 cm = 1¼ inch   Black	
930.906	1.0 m
930.907	2.0 m
930.908	3.0 m
Ø 5.08 cm = 2 inch   Black	
930.909	1.0 m
930.910	2.0 m
930.911	3.0 m

**Wrap textile-fibre sleeve** bundles and protect cables and wires in office and home environments. The expandable braided sheath assures fire- and abrasion-resistance with its mono

filament fibres and is thus also ideal for professional and industrial use.



Manual Wrap




Automatic Wrap

# Rigid cable guide

## CABLE BRIDGE – the cable duct

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

#	
	
<b>Mounting accessories</b>   For screwing down cable ducts at the ends	
930.065	Contents: 4 units
<b>Straight element</b>	
930.060	1.0 m
930.061	2.0 m
<b>Connecting element</b>   For connecting straight elements   Screws into place with integrated Allen bolts	
930.064	Contents: 2 units
<b>Angled element</b>	
930.062	45°
930.063	90°



930.065



930.060

Straight element



930.064

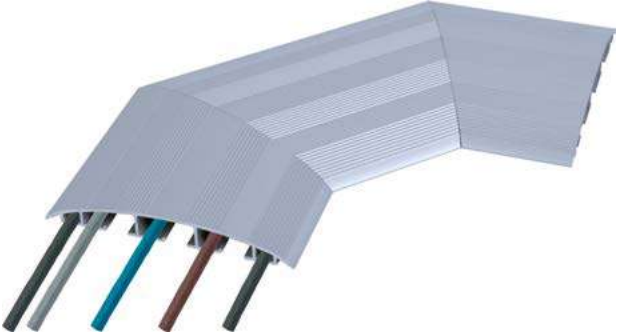


930.062

Angled element



Straight element



Angled element





# LOOP ROUND

LOOP ROUND brings order to any workplace: installed quickly and easily, the product routes cables to where they are needed. The functional, great-looking cable gland has a black brush insert and a removable, lockable lid, which can be fixed in four positions. In this way, even thick, rigid cables are not able to loosen the lid out of its anchoring. Simply push the cable gland into a standard hole to install it. Alternatively, the cable gland can be screwed directly into the furniture.


## BENEFITS

- **Simple and elegant cable guide; also suitable for thick, rigid cables thanks to the lock**
- **Highly versatile as fits with all 80 mm holes**
- **Flexible, can also be fitted on the side**



**Cable glands – LOOP ROUND**

- For all 80 mm holes
- Lockable lid and integrated brush strip, black
- Mounting depth 21 mm
- Contact surface diameter 88 mm
- Material zinc die-cast alloy (Zamak)

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



**Variant 1: LOOP ROUND**

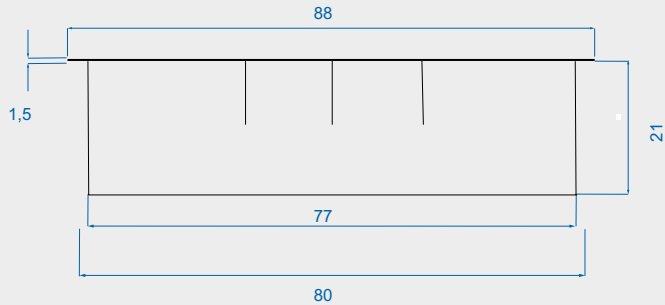


**Variant 2: LOOP ROUND + LOOP IN**





**Combines perfectly** with the  
LOOP IN function insert



Dimensions in mm

You will find the matching **LOOP IN power insert** for LOOP ROUND on page 135.



# LOOP SQUARE

BACHMANN cable glands now make it even easier to access sockets and other fixtures under the tabletop: the product, available in an elegant, silver-anodised design, can be quickly and easily inserted into your table cut-out in the mounting frame and provides access to the standard cable trays already fitted under the tabletop. Cables can be very easily routed through the opening: thanks to the black brush insert, this is also possible when closed. When the flap is shut, the soft-close function means that annoying noise is greatly reduced, making this cable gland especially well suited to desks in offices and conference rooms. The rectangular cable gland can be combined with BACHMANN STEP and UNIVERSAL socket strips.

## BENEFITS

- **Simple, elegant solution**
- **Integrated soft-close function with quiet closing makes for inconspicuous handling**
- **Can be used in any office environment thanks to simple, modern design**
- **Rounded edges permit CNC machining of the tabletop**

**Cable glands – LOOP SQUARE**

- Aluminium silver anodised with straight hinged lid
- Integrated brush strip in black
- Mounting depth: 25 mm
- Table cut-out dimensions: 113/233/353 x 113 mm

#	
930.310	Dimensions: 120 x 120 x 25 mm
930.320	Dimensions: 240 x 120 x 25 mm
930.330	Dimensions: 360 x 120 x 25 mm



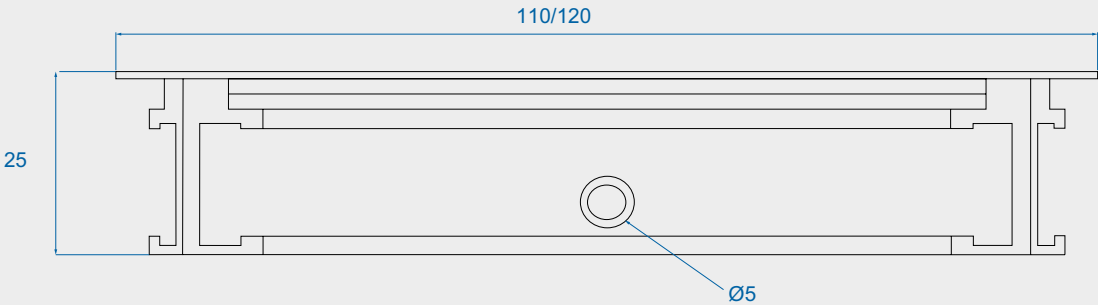
930.310



930.320



**Integrated  
soft-close function**



Dimensions in mm



LOOP SQUARE can also be combined with BACHMANN STEP and UNIVERSAL socket strips, among others.

# Connection panels



## **Integrated units**

VENID	98
CONFERENCE	100
TOP FRAME	102
CONI	106
CONI DUO	108
CONI COVER	110
CONEO	115
POWER FRAME COVER	117
POWER FRAME	119
KAPSA	124
DUE	128
TWIST	132
LOOP IN	135
PIX	137
MINI PIX	140
ELEVATOR	141
ELEVATOR COVER	144
WIRELESS CHARGER Fs80	145
INTUBLU	147

## **Surface-mounted units**

DESK 2	149
DESK 2 ALU BLACK	156
DESK RAIL	159
DESK 1	162

## **Surface-mounted units**

CASIA	167
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## **iotspot**

iotspot	169
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## **Floor units**

Consolidation Point	171
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# VENID


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

Perfectly integrated into the surface, VENID not only looks elegant but also offers a practical benefit: used cables can be stowed away conveniently in the table. The cover, which can be folded open in either direction, is easy to operate and leaves space for the lateral cable guide. Two socket strips can be integrated into the VENID tray and equipped individually.

## BENEFITS









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

**VENID**

#	
<b>VENID mounting frame</b>	
935.000	Aluminium black (anodised, E6/EV6)   With mount to clip in the VENID tray   Lid can be opened on both sides with end stop   The original tabletop cut-out is inserted into the inner frame and screwed tight   Max. tabletop thickness from 14 to 25 mm   Dimensions: 371 x 180 x 57 mm   Mounting depth of frame without mounting clips: 45 mm
<b>VENID tray</b>	
935.100	Sheet steel, black powder-coated   Clips into VENID mounting frame   Mount for two power strips   Tray dimensions: 334 x 173 x 79 mm   Mounting depth of frame with tray and power strip: 155 mm

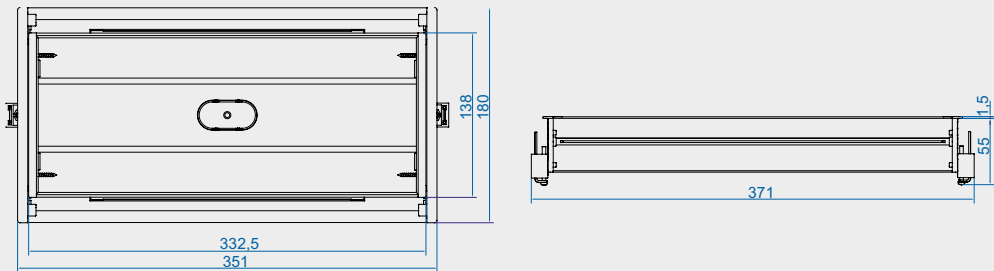


**VENID power strips**

#								
<b>Medium</b>   Anodised aluminium profile   Power input: 0.2 m cable and GST18 plug   Incl. mounting bracket   Width 229 mm								
936.009	3					35°		1
936.001	2					35°	A/A 15W	1
936.007	2					35°		2
936.003	1					35°	A/A 15W	2
936.011		2				45°		1
936.005		1				45°	A/A 15W	1
936.010			3			35°		1
936.002			2			35°	A/A 15W	1
936.008			2			35°		2
936.004			1			35°	A/A 15W	2
936.015				3 (T13)		0°		1
936.014				2 (T13)		0°	A/A 15W	
936.013				1 (T13)		0°	A/A 15W	2
936.012					2	35°		1
936.006					1	35°	A/A 15W	1



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



VENID mounting frame | Dimensions in mm



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

For suitable device supply cables, see page 62 onwards.

For suitable **Custom Modules**, see page 178 onwards.





# CONFERENCE

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

When not in use, CONFERENCE is integrated into the top of the furniture. When you need power or data, simply press with your finger to release the magnetic catch. The opening flap then swivels upwards. Once you have connected your notebook, projector, microphone, etc., you can close the opening 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.

## BENEFITS

- **Integrated into the surface of the furniture**
- **Simply press to open**
- **Flap can be closed with cables plugged in**
- **Complete power strip can be quickly interchanged**
- **Surface can be veneered**

**Frameless**

CONFERENCE without a frame is fitted from the underside of the tabletop. Only the pivoting flaps are visible on the tabletop. If necessary, the flaps can be customised to match the finish of your tabletop by applying a suitable veneer of up to 2 mm (this is not done ex works).

**CONFERENCE with frame**

- Material: Steel sheet
- Mounting depth: 110 mm
- Tabletop thickness: 11 - 44 mm

#	
<b>Medium</b>   Dimensions (WxH): 285 x 182 mm	
338.0219	Grey metallic (powder-coated, similar to RAL9006)
338.0201	Moonstone metallic (powder-coated)
338.0210	Chrome effect paint finish (powder-coated)
<b>X-large</b>   Dimensions (WxH): 467 x 182 mm	
338.0221	Silver grey (powder-coated, similar to RAL7001)
338.0200	Moonstone metallic (powder-coated)
338.0212	Chrome effect paint finish (powder-coated)



338.0201



338.0221



338.0212

**CONFERENCE without frame**

- Material: Steel sheet
- Mounting depth: 107 mm
- Tabletop thickness: 11 - 44 mm

#	
<b>Medium</b>   Dimensions (WxH): 267 x 119 mm	
338.0231	Silver grey (powder-coated, similar to RAL7001)
<b>X-large</b>   Dimensions (WxH): 443 x 119 mm	
338.0230	Silver grey (powder-coated, similar to RAL7001)



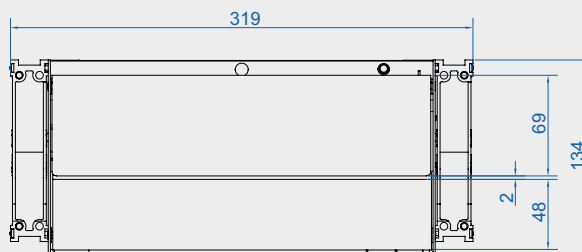
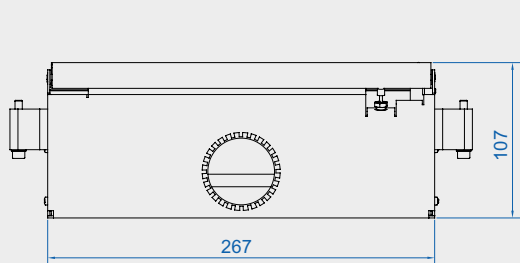
338.0231



338.0230



**A veneer can be applied to the surface.**



CONFERENCE without frame – Medium | Dimensions in mm



Colour guides for the surface colours are available on page 103 onwards.

For suitable **power strips**, see page 104 onwards.

For suitable **cable management solutions**, see page 85 onwards.



# TOP FRAME

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

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

## BENEFITS

- **Access to power supply and data from any side**
- **Opens silently**
- **Integrated into the surface of the furniture**
- **Can be installed flush with the surface of the furniture**
- **Version with surround frame suitable for subsequent assembly**

**TOP FRAME, under-table version without frame**

- Housing material: Steel sheet
- Lid material: Aluminium
- Mounting depth: 98 mm (110 mm incl. power strip)
- Tabletop thickness: 12 - 40 mm

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

**TOP FRAME, tabletop version with frame**

- Housing material: Steel sheet
- Lid material: Aluminium
- Mounting depth: 96 mm (108 mm incl. power strip)
- Tabletop thickness: 12 - 40 mm

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

**Colour guides**

#		
917.029	Set of 5 colour charts   Chart size 120 mm x 64 mm   Colour chart set includes: grey metallic (similar to RAL9006), anthracite (similar to RAL7016), black (similar to RAL9005), white (similar to RAL9010), moonstone metallic	

Access from **each side**.For suitable **power strips**, see page 104 onwards.For suitable **cable management solutions**, see page 85 onwards.

## CONFERENCE and TOP FRAME power strips

- Profile: Anodised aluminium
- Socket colour: Black

#									
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**Medium** | Without power input/output | Width 263 mm

909.000						0°		4	263 x 52 x 42 mm
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**Medium** | Power input/output: GST18i3 | Width 263 mm

909.004	3					35°		1	263 x 52 x 42 mm
909.0056	2					35°	A/A 15W	1	263 x 52 x 42 mm
909.003	2					35°		2	263 x 52 x 42 mm
909.002	1					35°		3	263 x 52 x 42 mm
909.0023		2				45°		1	263 x 52 x 42 mm
909.0024		1				45°		2	263 x 52 x 42 mm
909.011			3			35°		1	263 x 52 x 42 mm
909.0059			2			35°	A/A 15W	1	263 x 52 x 42 mm
909.010			2			35°		2	263 x 52 x 42 mm
909.025			1			35°		3	263 x 52 x 42 mm
909.0170				2 (T13)		0°	A/A 15W	1	263 x 52 x 42 mm
909.017				2 (T13)		0°		2	263 x 52 x 42 mm
909.028				1 (T13)		0°		3	263 x 52 x 42 mm
909.058					3	35°		1	263 x 52 x 42 mm
909.029					2	35°		2	263 x 52 x 42 mm

**Medium** | Power input/output: GST18i3 | Width 263 mm | 0.3 m GST18 extension cable including T-distributor

909.0180				3 (T13)		0°		1	263 x 52 x 42 mm
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**X-large** | Without power input/output | Width 444 mm

909.001						0°		8	444 x 52 x 42 mm
---------	--	--	--	--	--	----	--	---	------------------

**X-large** | Power input/output: GST18i3 | Width 444 mm

909.009	6					35°		2	444 x 52 x 42 mm
909.008	5					35°		3	444 x 52 x 42 mm
909.007	4					35°		4	444 x 52 x 42 mm
909.0057	3					35°	A/A 15W	4	444 x 52 x 42 mm
909.006	3					35°		5	444 x 52 x 42 mm
909.005	2					35°		6	444 x 52 x 42 mm
909.0026		4				45°		2	444 x 52 x 42 mm
909.0027		3				45°		3	444 x 52 x 42 mm
909.0058		3				45°	A/A 15W	2	444 x 52 x 42 mm
909.0029		2				45°		5	444 x 52 x 42 mm
909.0028		2				45°		4	444 x 52 x 42 mm
909.016			6			35°		2	444 x 52 x 42 mm
909.015			5			35°		3	444 x 52 x 42 mm
909.014			4			35°		4	444 x 52 x 42 mm
909.0060			3			35°	A/A 15W	4	444 x 52 x 42 mm
909.013			3			35°		5	444 x 52 x 42 mm
909.012			2			35°		6	444 x 52 x 42 mm
909.020				6 (T13)		0°		3	444 x 52 x 42 mm
909.0191				4 (T13)		0°		4	444 x 52 x 42 mm
909.0172				3 (T13)		0°	A/A 15W	4	444 x 52 x 42 mm
909.033				2 (T13)		0°		6	444 x 52 x 42 mm
909.0105					3	35°	A/A 15W	4	444 x 52 x 42 mm



909.0059



909.000



909.002



909.003



909.009



909.008




909.007



909.006

Accessories

#	
<b>CONFERENCE guide rail set</b>   For power strips	
940.099	Guide rail, plastic, black   Incl. 2 countersunk head screws, 2.9 x 13 mm with Torx to DIN 7982



For suitable **device supply cables**, see page 62 onwards.

For suitable **Custom Modules**, see page 178 onwards.





# CONI

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

When closed, the surface of the furniture and CONI produce an even surface. If power or data connections are needed, CONI can be opened, the desired plugs plugged in and closed again. The integrated brush insert prevents the cables from jamming. With CONI, you are free to decide how the sockets are configured because the power strip can be quickly replaced without any tools.

## BENEFITS

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





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

**CONI mounting frame**

- Mounting frame material: Steel sheet
- Mounting depth of frame (without mounting clips): 56 mm
- Tabletop thickness: 10 – 35 mm

#	
<b>Large</b>   Dimensions: 387 x 151 x 59 mm	
338.0206	Anthracite (powder-coated, similar to RAL7016)
338.0205	Grey metallic (powder-coated, similar to RAL9006)
911.001	White (powder-coated, similar to RAL9010)
911.003	Black (powder-coated, similar to RAL9005)
911.005	Stainless steel (ground)
<b>Small</b>   Dimensions: 255 x 151 x 59 mm	
338.0203	Grey metallic (powder-coated, similar to RAL9006)
338.0204	Anthracite (powder-coated, similar to RAL7016)
911.000	White (powder-coated, similar to RAL9010)
911.002	Black (powder-coated, similar to RAL9005)
911.004	Stainless steel (ground)



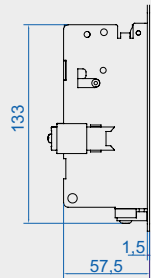
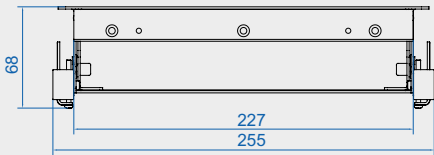
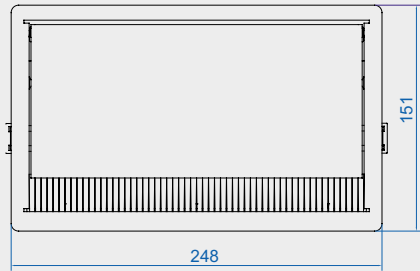
**CONI holder**

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

#	
911.9100	Small CONI holder
911.9130	Large CONI holder



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



CONI - Small | Dimensions in mm

For suitable **power strips**, see page 113 onwards.

For suitable **cable management solutions**, see page 85 onwards.



# CONI DUO

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

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

## BENEFITS

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

**CONI DUO mounting frame**

- Mounting frame material: Steel sheet
- Mounting depth (without mounting clips): 56 mm
- Tabletop thickness: 10 – 35 mm

#	
<b>2x large</b>   Dimensions: 782 x 151 x 68 mm	
911.025	Grey metallic (powder-coated, similar to RAL9006)
911.029	White (powder-coated, similar to RAL9010)
<b>2x small</b>   Dimensions: 512 x 151 x 68 mm	
911.026	Grey metallic (powder-coated, similar to RAL9006)
911.028	White (powder-coated, similar to RAL9010)



911.025



911.029



911.026



911.028

**CONI bracket**

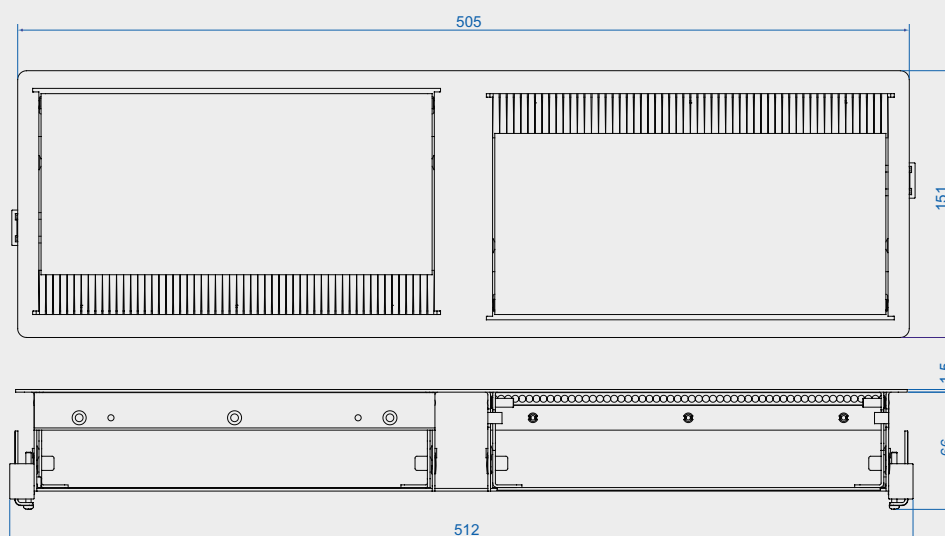
- For mounting CONI power strips without using a mounting frame; can be installed under a desktop or tabletop in a cable tray, for example. Standard chipboard screws (which can be purchased from all good retailers) are required for mounting.
- Takes account of the rear-side outlet and bending radii of power and data connections.
- Material/surface: Black steel sheet (powder-coated, similar to RAL9005)

#	
<b>CONI bracket, tall</b>	
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



918.002

→|← Access from two **opposite sides**.



CONI DUO – Small | Dimensions in mm



Not compatible with "CONI Holder" accessories

For suitable **power strips**, see page 113 onwards.



# CONI COVER

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

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

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

## BENEFITS

- **Compatible with all makes of duct and furniture**
- **Ideal for subsequent assembly**
- **Integrated brush insert for closing even when cables are connected**
- **Now includes matching tray and mount for the socket strip**




**Large CONI COVER mounting frame**  
Easy access to all power supply units located under the furniture surface.



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


**CONI COVER mounting frame**

- Material: Steel sheet
- Mounting depth of frame: 24 mm
- Tabletop thickness: min. 16 mm

#	
<b>Large</b>   Dimensions: 387 x 148 x 23 mm	
338.0080	Grey metallic (powder-coated, similar to RAL9006)
911.501	White (powder-coated, similar to RAL9010)
911.503	Black (powder-coated, similar to RAL9005)
<b>Small</b>   Dimensions: 248 x 148 x 23 mm	
338.0081	Grey metallic (powder-coated, similar to RAL9006)
911.500	White (powder-coated, similar to RAL9010)
911.502	Black (powder-coated, similar to RAL9005)




**CONI COVER Large accessories**

#	
918.0752	CONI COVER textile tray   Additional protection for hanging cables   In combination with CONI COVER tray   Mounting by means of enclosed screws   Black (similar to RAL9005)
918.0754	Rubber covers for CONI COVER tray (packaging unit 8 pieces)   Suitable for hole diameter 5 mm   Latching mechanism   Black (similar to RAL9005)
918.0750	CONI COVER tray   Attachment to tabletop with screws supplied   Material: Aluminium   Black (anodised, similar to RAL9005)   Suitable for large CONI power strips   Dimensions: 430 x 189 x 119 mm



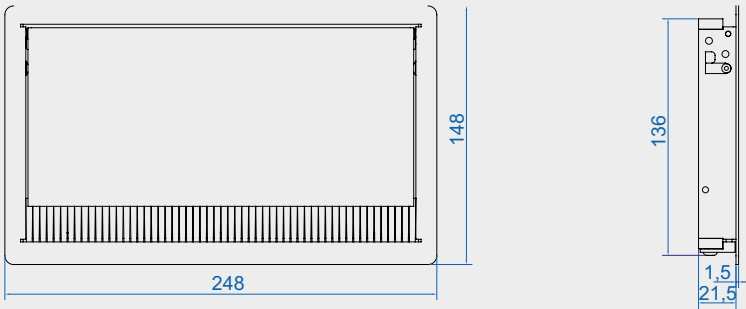
**Colour guides**

#	
917.029	Set of 5 colour charts   Chart size 120 mm x 64 mm   Colour chart set includes: grey metallic (similar to RAL9006), anthracite (similar to RAL7016), black (similar to RAL9005), white (similar to RAL9010), moonstone metallic





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



CONI COVER - Small | Dimensions in mm

For suitable **power strips**, see page 113 onwards.

For suitable **cable management solutions**, see page 85 onwards.

**Large CONI, CONI DUO and CONI COVER power strips**

- Width: Approx. 356 mm
- Material: Anodised aluminium profile










#									
<b>Without power input</b>									
912.001									6
<b>Power input: 0.2 m cable and GST18i3 plug</b>									
912.008	5					35°			1
912.007	4					35°			2
912.006	3					35°			3
912.169	2					35°	C 60W		2
912.0168	2					35°	A/A 15W		3
912.005	2					35°			4
912.004	1					35°			5
912.035	1			3 (T13)		Other			2
912.0221		4				90°			2
912.021		4				90°			1
912.022		3				90°			3
912.0280		2				90°	A/A 15W		3
912.1676		2				90°	C 60W		2
912.014			5			35°			1
912.013			4			35°			2
912.012			3			35°			3
912.1679			2			35°	C 60W		2
912.0172			2			35°	A/A 15W		3
912.011			2			35°			4
912.019				5 (T13)		0°			2
912.018				4 (T13)		0°			3
912.080				3 (T13)		0°	A/A 15W		3
912.1673				2 (T13)		0°	C 60W		2
912.017				2 (T13)		0°			4
912.0931					3	35°			3
912.1683					2	35°	C 60W		2
912.0242					2	35°	A/A 15W		3
912.0056					2	35°			4
<b>Power input: 2 x 0.2 m cable (black and red) and GST18i3 plug (black)   Sockets: 1x black, 2x red</b>									
912.024	3					35°			3
<b>Power input: 2 x 0.2 m cable (black and red) and GST18i3 plug (black)   Sockets: 2x black, 2x red</b>									
912.025	2					35°			2

For suitable **device supply cables**, see page 62 onwards.For suitable **Custom Modules**, see page 178 onwards.



**Small CONI and CONI DUO power strips**

- Width: Approx. 217 mm
- Material: Anodised aluminium profile

#									
<b>Power input: 0.2 m cable and GST18i3 plug</b>									
333.1007	3						35°		
912.0156	2						35°	A/A 15W	
912.003	2						35°		1
333.1008	2						35°		2 x CAT6A
912.037	1				1 (T13)		Other		1
912.167	1						35°	A&C 22W	1
912.168	1						35°	C 30W	1
912.0167	1						35°	A/A 15W	1
912.002	1						35°		2
912.045		2					90°		1
912.1674		1					90°	A&C 22W	1
912.1675		1					90°	C 30W	1
912.1781		1					90°	A/A 15W	1
912.0080		1					90°		2
333.0500			3				35°		
912.010			2				35°		1
912.1677			1				35°	A&C 22W	1
912.1678			1				35°	C 30W	1
912.0171			1				35°	A/A 15W	1
912.009			1				35°		2
912.015				3 (T13)			0°		1
912.0400				2 (T13)			0°	A/A 15W	1
912.1671				1 (T13)			0°	A&C 22W	1
912.1672				1 (T13)			0°	C 30W	1
912.016				1 (T13)			0°		2
912.0071					2		35°		1
912.1681					1		35°	A&C 22W	1
912.1682					1		35°	C 30W	1
912.0055					1		35°		2
912.000									3
<b>Power input: 2 x 0.2 m cable (black and red) and GST18i3 plug (black)</b>									
912.023	2						35°		1



912.003



912.0167



912.002



912.045



912.010



912.0171



912.009

For suitable **device supply cables**, see page 62 onwards.For suitable **Custom Modules**, see page 178 onwards.



# CONEO

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

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

## BENEFITS

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



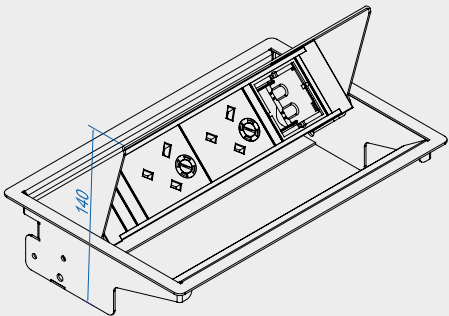
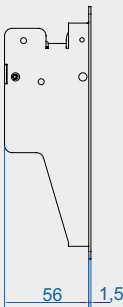
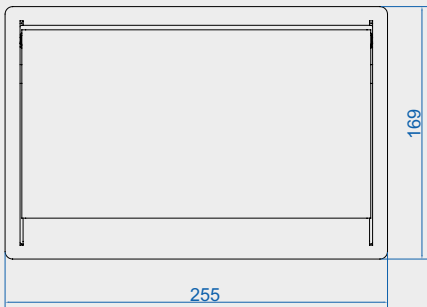
**CONEO SET**

- Mounting frame material: Steel sheet
- Socket material: Plastic, aluminium, black
- Dimensions: 255 x 169 x 58 mm
- Mounting depth of frame: 56 mm
- Tabletop thickness: all thicknesses (product is glued)

#							
Grey metallic (powder-coated, similar to RAL9006)   Power input: 0.2 m cable and GST18 plug							
900.400	3				35°		1
900.406	2				35°	A/A 15W	1
900.402	2				35°		2
900.408	1				35°	A/A 15W	2
900.401		3			35°		1
900.407		2			35°	A/A 15W	1
900.403		2			35°		2
900.404			2		35°		1



**Set of items:** frame with integrated socket strip



Dimensions in mm

For suitable **device supply cables**, see page 62 onwards.

For suitable **Custom Modules**, see page 178 onwards.



# POWER FRAME COVER

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

POWER FRAME COVER has an attractive aluminium cover, designed for stylish living and work environments, which also protects power and data connections from dust and dirt.

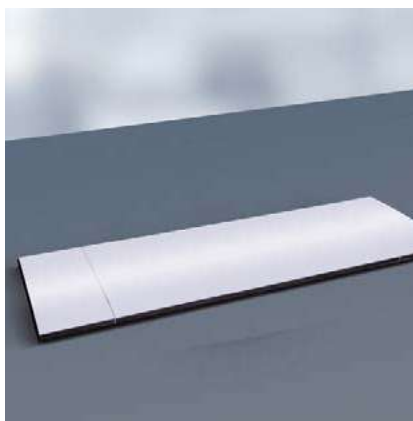
When the lid is fully open, both sides offer unimpeded access.

## BENEFITS

- **High-quality design for work and living spaces**
- **Accessible from various sides**
- **Protection against dirt and dust**
- **Wide range of configuration options with sockets and data, audio and video modules**
- **Quickly installs complete power strips**

## AWARDS

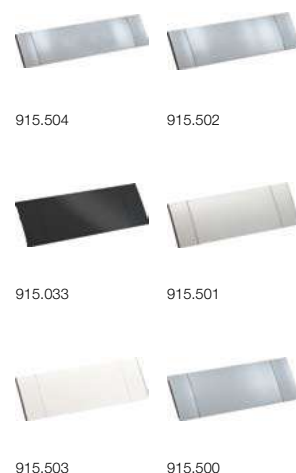




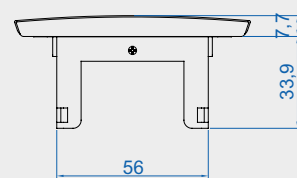
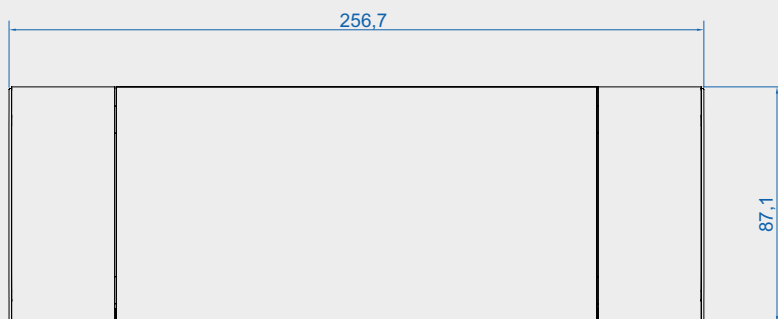
## POWER FRAME COVER

- Material: Aluminium
- Mounting depth: 43 mm
- Tabletop thickness: all thicknesses (product is glued) | With screw connection, 10 mm and thicker

#	
<b>Large</b>   Dimensions: 383 x 88 x 42 mm   Mounting frame with aluminium flap for gluing into the furniture	
915.504	Aluminium (anodised E8/EV1)
<b>Medium</b>   Dimensions: 300 x 88 x 42 mm   Mounting frame with aluminium flap for gluing into the furniture	
915.502	Aluminium (anodised E8/EV1)
<b>Small</b>   Dimensions: 257 x 88 x 42 mm   Mounting frame with aluminium flap for gluing into the furniture	
915.033	Black (painted, similar to RAL9005)
915.501	Stainless steel (painted)
915.503	White (painted, similar to RAL9010)
915.500	Aluminium (anodised E8/EV1)



**High-quality designer piece** with protection against dust and dirt.



POWER FRAME COVER - Small | Dimensions in mm

For suitable **power strips**, see page 121 onwards.

For flush mounted **Custom Modules**, see page 193 onwards.  
Please refer to the compatibility table from page 193 onwards.



# POWER FRAME

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

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

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

## BENEFITS

- **Compact dimensions**
- **Suitable for subsequent assembly**
- **Timeless design**
- **Versatile in application**
- **Quickly installs complete power strips**





**Small POWER FRAME mounting frame**

Colour: Grey metallic

**Small POWER FRAME power strip**

Width: 262 mm

**POWER FRAME mounting frame**

- Mounting frame material: Steel sheet
- Mounting depth: Mounting frame: 34 mm | Mounting frame incl. power strip + security bracket: 50 mm
- Tabletop thickness: min. 10 mm
- Corner radius: R5

#	
<b>Large</b>   Dimensions: 369 x 73 x 36 mm	
317.007	Grey metallic (powder-coated, similar to RAL9006)
915.003	White (powder-coated, similar to RAL9010)
915.006	Black (powder-coated, similar to RAL9005)
<b>Medium</b>   Dimensions: 284 x 73 x 36 mm	
915.005	White (powder-coated, similar to RAL9010)
317.006	Grey metallic (powder-coated, similar to RAL9006)
915.004	Black (powder-coated, similar to RAL9005)
<b>Small</b>   Dimensions: 241 x 73 x 36 mm	
317.000	Grey metallic (powder-coated, similar to RAL9006)
317.001	Stainless steel
915.000	Black (powder-coated, similar to RAL9005)
915.001	White (powder-coated, similar to RAL9010)



**Colour guides**

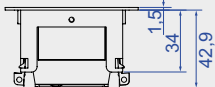
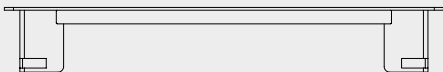
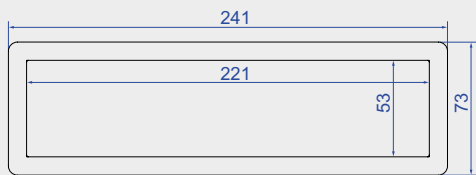
#	
917.029	Set of 5 colour charts   Chart size 120 mm x 64 mm   Colour chart set includes: grey metallic (similar to RAL9006), anthracite (similar to RAL7016), black (similar to RAL9005), white (similar to RAL9010), moonstone metallic



917.029



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








POWER FRAME – Small | Dimensions in mm

For suitable **power strips**, see page 121 onwards.



**POWER FRAME/POWER FRAME COVER aluminium power strips**

#									
<b>Large</b>   Width: 350 mm   Power input: 0.2 m cable and GST18i3 plug									
916.030	4					35°			2
916.007	3					35°			
916.025	2					35°			4
916.086		3				35°			
916.0361		3				90°			2
916.518		3				90°		A&C 22W	
916.522		3				90°		C 30W	
916.524		2				90°		C 60W	2
916.1110			4			35°			2
916.048			3			35°			
916.023			2			35°			4
916.532			2			35°		C 60W	2
916.123				3 (T13)		0°		A/A 15W	
916.024				3 (T13)		0°			4
916.516				2 (T13)		0°		C 60W	2
<b>Medium</b>   Width: 262 mm   Power input: 0.2 m cable and GST18i3 plug									
916.502	3					35°		A&C 22W	
916.506	3					35°		C 30W	
916.173	3					35°		A/A 15W	
916.006	3					35°			1
916.508	2					35°		C 60W	2
916.0514	2					35°		A/A 15W	1
916.1000	2					35°			2
916.0041	1					35°		A/A 15W	2
916.504	2					35°		A&C 22W	1
916.507	2					35°		C 30W	1
916.1229		3				90°		A/A 15W	
916.0520		3				90°			1
916.520		2				90°		A&C 22W	1
916.523		2				90°		C 30W	1
916.0519		2				90°		A/A 15W	1
916.0821		2				90°			2
916.0516		1				90°		A/A 15W	2
916.517		2				90°		A&C 22W	
916.526			3			35°		A&C 22W	
916.530			3			35°		C 30W	
916.1227			3			35°		A/A 15W	
916.0621			3			35°			1
916.528			2			35°		A&C 22W	1
916.531			2			35°		C 30W	1
916.0411			2			35°		A/A 15W	1
916.047			2			35°			2
916.0628			1			35°		A/A 15W	2
916.510				3 (T13)		0°		A&C 22W	
916.514				3 (T13)		0°		C 30W	
916.512				2 (T13)		0°		A&C 22W	1
916.515				2 (T13)		0°		C 30W	1



916.086



916.1110



916.024



916.173



916.006



916.1229



916.0520



916.0821



916.0516



916.1227



916.0621



916.047



916.0628











916.001



916.100



916.0510

#									
916.534					3	35°	A&C 22W		
916.538					3	35°	C 30W		
916.540					2	35°	C 60W	2	
916.536					2	35°	A&C 22W	1	
<b>Small</b>   Width: 220 mm   Power input: 0.2 m cable and GST18i3 plug									
317.100	3					35°			
916.501	2					35°	A&C 22W		
916.0040	2					35°	A/A 15W		
916.000	2					35°		1	
916.503	1					35°	A&C 22W	1	
916.505	1					35°	C 30W	1	
916.0039	1					35°	A/A 15W	1	
916.001	1					35°		2	
916.1129		3				90°			
916.100		2				90°	A/A 15W		
916.082		2				90°		1	
916.519		1				90°	A&C 22W	1	
916.521		1				90°	C 30W	1	
916.0510		1				90°	A/A 15W	1	
916.091		1				90°		2	
317.102			3			35°			
916.525			2			35°	A&C 22W		
916.002			2			35°		1	
916.527			1			35°	A&C 22W	1	
916.529			1			35°	C 30W	1	
916.0042			1			35°	A/A 15W	1	
916.003			1			35°		2	
916.004				3 (T13)		0°		1	
916.509				2 (T13)		0°	A&C 22W		
916.511				1 (T13)		0°	A&C 22W	1	
916.513				1 (T13)		0°	C 30W	1	
916.0270				1 (T13)		0°	A/A 15W	1	
916.005				1 (T13)		0°		2	
916.539					2	35°	C 30W	1	
916.533					2	35°	A&C 22W		
916.535					1	35°	A&C 22W	1	
916.537					1	35°	C 30W	1	
916.010								3	
<b>Small</b>   Width: 220 mm   Power input: 0.2 m cable and GST18i3 plug   Front side: Socket   Back side: Socket									
317.101	2					35°		2 x CAT6A RJ45, front side: socket; back side: Socket	
916.020					2	35°		1	
916.021					1	35°		2	
<b>Small</b>   Width: 220 mm   Power input: 2.0 m cable with ferrules and mounting plug, included									
916.1192	3					35°			
916.1193	2					35°	A/A 15W		
916.111			3			35°			
916.112			2			35°	A/A 15W		



317.102



916.003



916.004



916.0270



916.020



916.021



916.1192











916.1193



916.112

**POWER FRAME/POWER FRAME COVER plastic power strips**

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



For suitable **device supply cables**, see page 62 onwards.

For flush mounted **Custom Modules**, see page 193 onwards.  
Please refer to the compatibility table from page 193 onwards.



# KAPSA

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

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

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

## BENEFITS

- **Easily interchangeable lid available in various versions**
- **Modular equipment options**
- **Aluminium lid with high-quality feel**
- **Small mounting depth (approx. 45 mm)**
- **Simple mounting from above; subsequent mounting also possible**



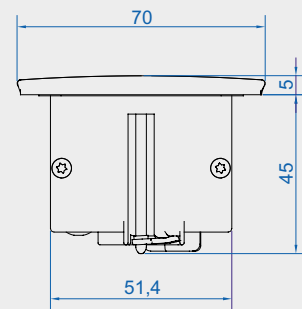
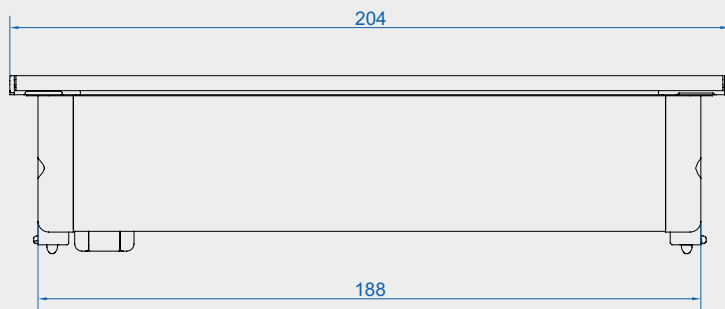
**KAPSA lid**

- Material: Aluminium

#	
<b>Small</b>   Dimensions (WxHxD): 204 x 5 x 70 mm	
927.100	Stainless steel look
927.101	Matt black (painted, similar to RAL9005)
927.102	Matt white (painted, similar to RAL9010)
927.103	Aluminium (anodised E6/EV1)
<b>X-small</b>   Dimensions (WxHxD): 151 x 5 x 70 mm	
927.300	Stainless steel look
927.301	Matt black (painted, similar to RAL9005)
927.302	Matt white (painted, similar to RAL9010)
<b>XX-small</b>   Dimensions (WxHxD): 68 x 5 x 70 mm	
927.500	Stainless steel look
927.501	Matt black (painted, similar to RAL9005)
927.502	Matt white (painted, similar to RAL9010)



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



KAPSA - Small | Dimensions in mm



Other colour versions available on request

For suitable **power strips**, see page 126 onwards.

For flush mounted **Custom Modules**, see page 193 onwards.  
Please refer to the compatibility table from page 193 onwards.

**Small KAPSA power strips**

- Material: Plastic, aluminium
- Mounting depth without cable: 45 mm
- Tabletop thickness: 10 – 40 mm

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

**Power input: 0.2 m cable with GST18i3** | Width 204 mm

927.050	3					35°			204 x 50 x 70 mm
927.051	2					35°	A/A 15W		204 x 50 x 70 mm
927.052	2					35°		1	204 x 50 x 70 mm
927.062	1					35°		2	204 x 50 x 70 mm
927.701	1					35°	A&C 22W		204 x 50 x 70 mm
927.057		1				90°	A/A 15W	1	204 x 50 x 70 mm
927.706			1			90°	A&C 22W		204 x 50 x 70 mm
927.053				3		35°			204 x 50 x 70 mm
927.054				2		35°	A/A 15W		204 x 50 x 70 mm
927.055				2		35°		1	204 x 50 x 70 mm
927.064				1		35°		2	204 x 50 x 70 mm
927.707				1		35°	A&C 22W		204 x 50 x 70 mm
927.059					3 (T13)	0°			204 x 50 x 70 mm
927.060					2 (T13)	0°	A/A 15W		204 x 50 x 70 mm
927.061					2 (T13)	0°		1	204 x 50 x 70 mm
927.705					1 (T13)	0°	A&C 22W		204 x 50 x 70 mm
927.708						1	35°	A&C 22W	204 x 50 x 70 mm
927.702							A&C 22W	1	204 x 50 x 70 mm

**Power input: 2.0 m cable with ferrules and mounting plug** | Width 204 mm

927.000	3					35°			204 x 50 x 70 mm
927.001	2					35°	A/A 15W		204 x 50 x 70 mm
927.002	2					35°		1	204 x 50 x 70 mm
927.003				3		35°			204 x 50 x 70 mm
927.004				2		35°	A/A 15W		204 x 50 x 70 mm
927.005				2		35°		1	204 x 50 x 70 mm
927.009					3 (T13)	0°			204 x 50 x 70 mm
927.010					2 (T13)	0°	A/A 15W		204 x 50 x 70 mm
927.013						3	35°		204 x 50 x 70 mm
927.015					2	35°	A/A 15W		204 x 50 x 70 mm

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

927.006		3				90°			204 x 50 x 70 mm
927.012		2				90°	A/A 15W		204 x 50 x 70 mm
927.008		2				90°		1	204 x 50 x 70 mm
927.007		1				90°	A/A 15W	1	204 x 50 x 70 mm



927.050



927.051



927.057



927.064



927.004



927.009



927.013



927.015



927.006



927.012



927.008



Power strip and lid must be ordered separately

For suitable **device supply cables**, see page 62 onwards.For flush mounted **Custom Modules**, see page 193 onwards.  
Please refer to the compatibility table from page 193 onwards.

**X-small KAPSA power strips**

- Material: Plastic, aluminium
- Mounting depth without cable: 45 mm
- Tabletop thickness: 10 – 40 mm

#									
<b>Power input: 0.2 m cable with GST18i3</b>   Width 151 mm									
927.251	1					90°	A/A 15W		151 x 50 x 70 mm
927.257		1				90°	A/A 15W		151 x 50 x 70 mm
927.254			1			90°	A/A 15W		151 x 50 x 70 mm
927.260				1 (T13)		0°	A/A 15W		151 x 50 x 70 mm
<b>Power input: 2.0 m cable with ferrules and mounting plug</b>   Width 151 mm									
927.200	2					90°			151 x 50 x 70 mm
927.201	1					90°	A/A 15W		151 x 50 x 70 mm
927.203			2			90°			151 x 50 x 70 mm
927.204			1			90°	A/A 15W		151 x 50 x 70 mm
927.209				2 (T13)		0°			151 x 50 x 70 mm
927.210				1 (T13)		0°	A/A 15W		151 x 50 x 70 mm
<b>Power input: 2.0 m cable with mounted UK plug</b>   Width 151 mm									
927.206		2				90°			151 x 50 x 70 mm
927.207		1				90°	A/A 15W		151 x 50 x 70 mm



927.251



927.200



927.201



927.207

**XX-small KAPSA power strips**

- Material: Plastic, aluminium
- Mounting depth without cable: 45 mm
- Tabletop thickness: 10 – 40 mm

#									
<b>Power input: 2.0 m cable with ferrules and mounting plug</b>   Width 68 mm									
927.400	1					90°			68 x 50 x 70 mm
927.402			1			90°			68 x 50 x 70 mm
927.404				1 (T13)		90°			68 x 50 x 70 mm
927.410								1	68 x 50 x 70 mm
<b>Power input: 2.0 m cable with mounted UK plug</b>   Width: 68 mm									
927.406		1				90°			68 x 50 x 70 mm



927.400



927.404



927.410



Power strip and lid must be ordered separately

For suitable **device supply cables**, see page 62 onwards.For flush mounted **Custom Modules**, see page 193 onwards.  
Please refer to the compatibility table from page 193 onwards.





# DUE

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

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

## BENEFITS

- **Replaceable covers available in black, white and stainless steel look**
- **Small mounting depth (approx. 45 mm)**
- **Space-saving even when open**
- **Supplied with installation template**

## AWARDS

**DESIGN PLUS**

powered by: **light+building**



Focus Open 2016  
Special Mention

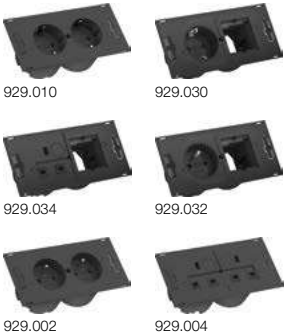


ARCHITEKTUR TECHNİK

**DUE power strips**

- Material: Plastic
- Mounting depth without cable: 45 mm
- Tabletop thickness: 10 – 40 mm

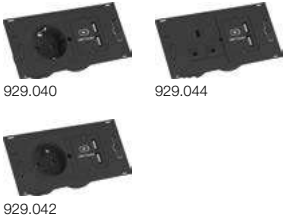
#							
<b>Power input: 0.2 m cable with GST18i3 plug</b>							
929.010	2			90°			139 x 67 x 49 mm
929.030	1			90°		1	139 x 67 x 49 mm
929.034		1		90°		1	139 x 67 x 49 mm
929.012			2	90°			139 x 67 x 49 mm
929.032			1	90°		1	139 x 67 x 49 mm
<b>Power input: 2.0 m cable with ferrules and mounting plug, included</b>							
929.000	2			90°			139 x 67 x 49 mm
929.002			2	90°			139 x 67 x 49 mm
<b>Power input: 2.0 m cable with mounted UK plug</b>							
929.004		2		90°			139 x 67 x 49 mm



**DUE power strips with Custom Modules USB Charger**

- Material: Plastic
- Mounting depth without cable: 45 mm
- Tabletop thickness: 10 – 40 mm

#							
<b>Power input: 0.2 m cable with GST18i3 plug and T-distributor</b>							
929.040	1			90°	A/A 15W		139 x 67 x 49 mm
929.044		1		90°	A/A 15W		139 x 67 x 49 mm
929.042			1	90°	A/A 15W		139 x 67 x 49 mm



Power strip and lid must be ordered separately

For suitable **device supply cables**, see page 62 onwards.

For flush mounted **Custom Modules**, see page 193 onwards.  
Please refer to the compatibility table from page 193 onwards.




**DUE lid**  
Interchangeable covers available in black, white and stainless steel look



**DUE power strip**

**DUE lid**

- Material: Plastic

#	
929.100	Surface in stainless steel look
929.101	Black (similar to RAL9005)
929.102	White (similar to RAL9010)



929.100



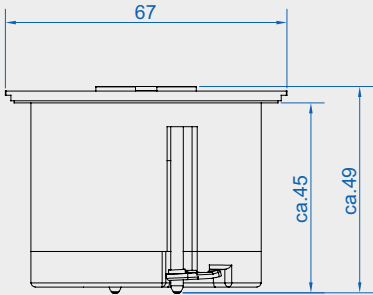
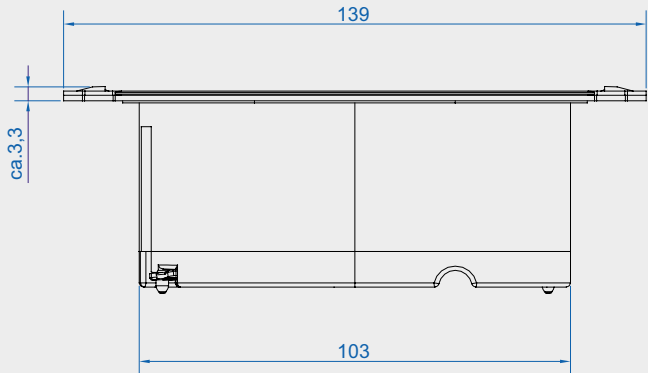
929.101



929.102



**Space-saving** even when open.



Dimensions in mm without lid



Power strip and lid must be ordered separately

For suitable **device supply cables**, see page 62 onwards.

For flush mounted **Custom Modules**, see page 193 onwards.  
Please refer to the compatibility table from page 193 onwards.

Accessories

#	
<b>Hole saw</b>	
918.900	Mounting tool for hole saw with centre drill
<b>Hole saw</b>   For installing DUE/PIX	
926.901	In wood/plastic   Cutting depth up to 44 mm   56 mm diameter



918.900





# TWIST

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

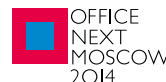
With various surfaces and colours, TWIST blends easily into both modern and organic interiors. An ingenious fastening mechanism: after use, simply rotate the cover and the sockets disappear underneath it.

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

## BENEFITS








- **Just 40 mm mounting depth**
- **Quick and easy to mount**
- **Suitable for subsequent assembly**
- **Space-saving cable guide**
- **Integrated water run-off**

## AWARDS



**TWIST**

- Material: Cover disc: Metal | Socket: Plastic
- Mounting depth: 40 mm
- Tabletop thickness: min. 8 mm

#							
<b>Matt chrome</b>   Power input: 0.2 m cable and GST18 plug							
931.033	1			A/A 15W			42,5 x 115 mm
931.001	1				2		42,5 x 115 mm
931.034		1		A/A 15W			42,5 x 115 mm
931.003		1			2		42,5 x 115 mm
931.009			1 (T13)		2		42,5 x 115 mm
<b>Matt chrome</b>   Power input: 2.0 m cable with ferrules and mounting plug, included							
931.021	2						42,5 x 115 mm
931.016		2					42,5 x 115 mm
<b>Stainless steel look</b>   Power input: 2.0 m cable with ferrules and mounting plug, included							
931.000	2						42,5 x 115 mm
931.031	1			A/A 15W			42,5 x 115 mm
931.002		2					42,5 x 115 mm
931.032		1		A/A 15W			42,5 x 115 mm
931.008			2 (T23)				42,5 x 115 mm
<b>Matt black (painted, similar to RAL9005)</b>   Power input: 0.2 m cable and GST18 plug							
931.133	1				2		42,5 x 115 mm
931.134		1			2		42,5 x 115 mm
<b>Matt black (painted, similar to RAL9005)</b>   Power input: 2.0 m cable with ferrules and mounting plug, included							
931.150	2						42,5 x 115 mm
931.131	1			A/A 15W			42,5 x 115 mm
931.152		2					42,5 x 115 mm
931.132		1		A/A 15W			42,5 x 115 mm
<b>Matt white (painted, similar to RAL9010)</b>   Power input: 0.2 m cable and GST18 plug							
931.233	1				2		42,5 x 115 mm
931.234		1			2		42,5 x 115 mm
<b>Matt white (painted, similar to RAL9010)</b>   Power input: 2.0 m cable with ferrules and mounting plug, included							
931.250	2						42,5 x 115 mm
931.231	1			A/A 15W			42,5 x 115 mm
931.252		2					42,5 x 115 mm
931.232		1		A/A 15W			42,5 x 115 mm



931.001



931.021



931.031



931.032



931.150



931.250



For suitable **device supply cables**, see page 62 onwards.

For suitable **keystones**, see page 181 onwards.



### TWIST COLOUR

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



### Accessories

#	
<b>Hole saw</b>	
918.900	Mounting tool for hole saw with centre drill
<b>Hole saw</b>	For fitting TWIST
931.900	In wood/plastic   Cutting depth up to 44 mm   105 mm diameter



918.900

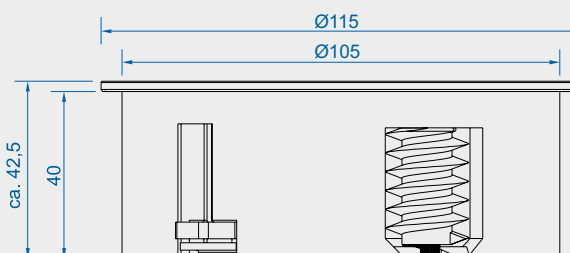


931.900

Similar to picture



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



Dimensions in mm





# LOOP IN

You don't find cable glands interesting? Then you don't know about LOOP IN yet! This smart function insert, with its modern and elegant design, is fast and easy to mount and, in addition to the practical cable gland function for different types of cables, it includes a socket outlet with earthing contact. Just insert, lock... and you're done!



The insert is perfect for any location where you require power but want to avoid a tangle of cables. LOOP IN can be used in conjunction with LOOP ROUND to achieve a higher-quality metal finish.

## BENEFITS

- **Easy mounting and flexible replacement**
- **For feeding through up to 4 cables**
- **Suitable for standard 80 mm holes**
- **Can be used in conjunction with LOOP ROUND**

**LOOP IN**

- Function insert for integration into LOOP ROUND | Suitable for 80 mm standard holes
- 2x cable glands Ø: 7 mm | 2x cable glands Ø: 10 mm
- Power input: 2.0 m cable with mounted plug
- Dimensions (HxØ): 89 x 75 mm
- Mounting depth: 89 mm
- Mounting Ø: 80 mm
- Contact surface Ø: 88 mm
- Material: Plastic

#		
<b>Black (similar to RAL9005)</b>		
938.001	1	
938.002		1
<b>White (similar to RAL9003)</b>		
938.101	1	
938.102		1



938.001



938.101



**Combines perfectly** with the  
LOOP ROUND cable gland



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



**LOOP ROUND**  
Grey metallic  
930.300



**LOOP ROUND**  
Black  
930.302



**LOOP ROUND**  
White  
930.303



**LOOP ROUND**  
Stainless steel look  
930.301

The matching **LOOP ROUND** cable gland can be found on page 92.



# PIX

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

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

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

## BENEFITS

- **Can be integrated on its own or in your chosen combination**
- **Replaceable, coloured decorative rings**
- **Small mounting diameter of 56 mm**
- **With swivel-mounted lid as an option**
- **Simple mounting from above; subsequent mounting also possible**
- **Integrated water run-off**



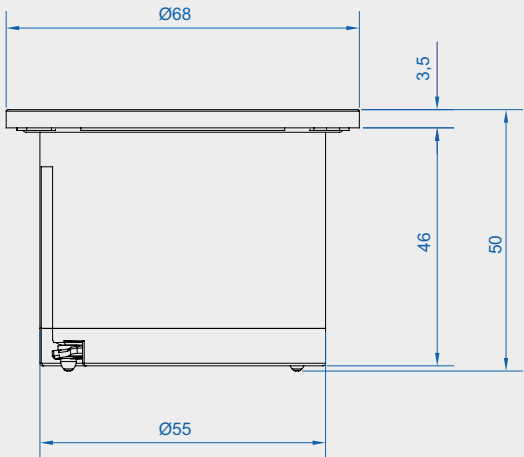
**PIX power strips**

- Material: Plastic
- Mounting depth without cable: 45 mm
- Tabletop thickness: 10 – 40 mm

#							
<b>2 decorative rings (black, similar to RAL9005 and white, similar to RAL9010)   Power input: 0.2 m cable with GST18i3</b>							
926.000	1						50 x 68 mm
926.002			1				50 x 68 mm
926.004				1 (T13)			50 x 68 mm
926.010					1		50 x 68 mm
<b>With 3 decorative rings (black, similar to RAL9005, white, similar to RAL9010 and stainless steel look)   Power input: 2.0 m cable with ferrules and mounting plug, included</b>							
926.001	1						50 x 68 mm
926.003			1				50 x 68 mm
926.005				1 (T13)			50 x 68 mm
<b>With 3 decorative rings (black, similar to RAL9005, white, similar to RAL9010 and stainless steel look)   Power input: 2.0 m cable with mounted UK plug</b>							
926.007		1					50 x 68 mm



**Compact design and low mounting depth**  
ensure space-saving installation.



Dimensions in mm

For suitable **device supply cables**, see page 62 onwards.

For flush mounted **Custom Modules**, see page 193 onwards.  
Please observe the compatibility table starting on page 193.



### PIX lid set

- Swivelling lid with matching decorative ring incl. covers for all countries and connection variants
- Material: Plastic

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



926.100

### PIX decorative ring sets

- Material: Plastic

#	
<b>Classic</b>	
926.200	Set of 5 coloured decorative rings: In yellow (similar to RAL1028), green (similar to RAL6018), pink (similar to RAL4003), red (similar to RAL3020), blue (similar to RAL5015)
<b>Stainless steel look</b>	
926.206	25 decorative rings in stainless steel look
<b>Stainless steel, black, white</b>	
926.207	Set of 30 decorative rings in stainless steel look (packaging unit 10 pieces), black (similar to RAL9005, packaging unit 10 pieces), white (similar to RAL9010, packaging unit 10 pieces)



926.200



926.206

### Accessories

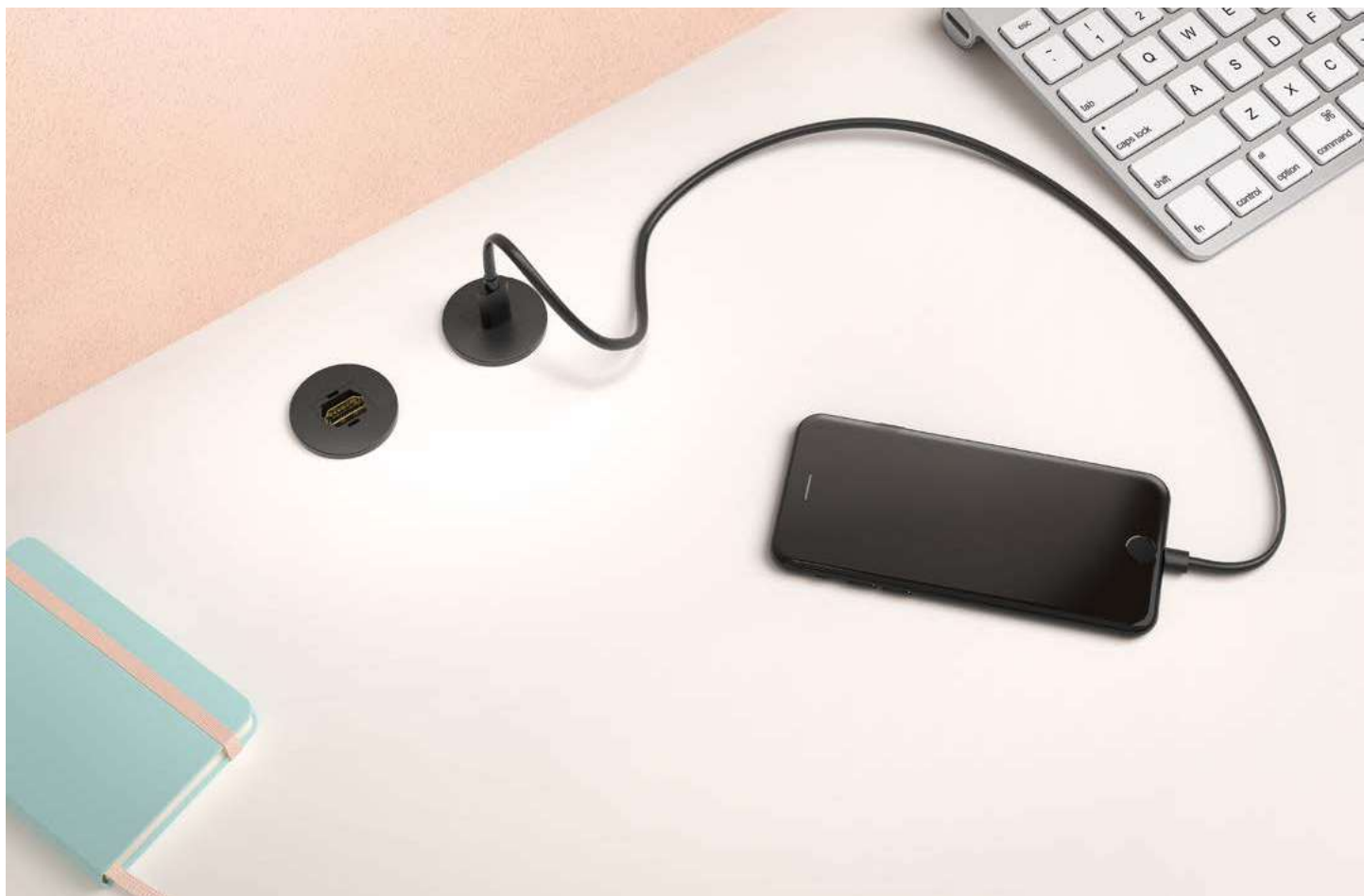
#	
<b>Hole saw</b>	
918.900	Mounting tool for hole saw with centre drill
<b>Hole saw</b>   For installing DUE/PIX	
926.901	In wood/plastic   Cutting depth up to 44 mm   56 mm diameter
<b>PIX holder</b>   Mount to furniture without cut-outs	
926.501	PIX HOLDER 1-way
926.502	PIX HOLDER 2-way



918.900



PIX decorative rings available in eight colour variants



# MINI PIX

A real highlight – not only for offices with a clean desk concept: MINI PIX, BACHMANN's smallest in-built solution, unobtrusively provides connections. Like its sister PIX, MINI PIX has an attractive, modern design. Its compact installation dimensions make the in-built solution particularly well-suited to offices, lounges or homes, where it unobtrusively leads data or media connections to the table or desk and allows cables to be plugged in with ease.

The keystone mount makes the MINI PIX highly flexible: BACHMANN's versatile modules for data and media connections can be easily inserted in MINI PIX before installation. Installation of the product itself is incredibly easy because MINI PIX can be quickly and easily inserted into any 28 mm drill hole.

## BENEFITS

- **Minimalist dimensions**
- **Easy installation**
- **Versatile use**
- **Can be combined with all BACHMANN keystone modules**

### MINI PIX

- Material: Black plastic
- Dimensions (HxØ): 23 x 35 mm
- Mounting depth: approx. 55 - 120 mm (depending on keystone and cable used)

#



942.000

Black | For insertion into 28 mm drill hole



942.000





# ELEVATOR

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

Installation is incredibly simple. ELEVATOR is positioned in a cut-out 79 mm in diameter and mounted on the furniture using a lock ring.

## BENEFITS

- **Press down to raise**
- **Quick and easy to mount**
- **Suitable for subsequent assembly**
- **Suitable for standard 79 mm hole**



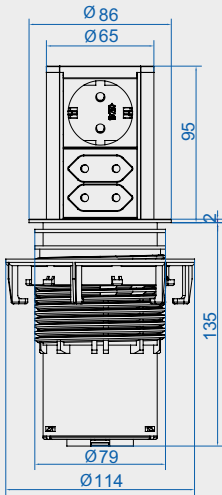
**ELEVATOR**

- Material: Profile: Aluminium | Socket: Plastic
- Mounting depth (without cable): 135 mm
- Tabletop thickness: 16 – 60 mm

#										
<b>Matt chrome</b>   Power input: 0.5 m cable and GST18 plug, 3.0 m data cables incl. plug/socket										
928.0060	1						90°		1 x HDMI   1 x CAT6A	230 x 114 mm
928.0040	1						90°		2 x CAT6A	230 x 114 mm
928.0050	1						90°		1 x USB 3.0 A   1 x CAT6A	230 x 114 mm
928.026		1					90°	A/A 15W		230 x 114 mm
928.0390		1					90°		1 x USB 3.0 A   1 x CAT6A	230 x 114 mm
928.0090			1				90°		1 x USB 3.0 A   1 x CAT6A	230 x 114 mm
928.0100			1				90°		1 x HDMI   1 x CAT6A	230 x 114 mm
<b>Stainless steel look</b>   Power input: 2.0 m cable with ferrules and mounting plug, included										
928.002	2						90°			230 x 114 mm
928.017	1						90°	A/A 15W		230 x 114 mm
928.003	1					2	90°			230 x 114 mm
928.021		1					90°	A/A 15W		230 x 114 mm
928.007			2				90°			230 x 114 mm
928.020			1				90°	A/A 15W		230 x 114 mm
928.024				2 (T23)			90°			230 x 114 mm
928.063					1		35°	A/A 15W		230 x 114 mm



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




Dimensions in mm



Keystones are not interchangeable for ELEVATOR!

For suitable **device supply cables**, see page 62 onwards.

#	
<b>Hole saw</b>	
928.900	In wood/plastic   Cutting depth up to 44 mm   79 mm diameter
918.900	Mounting tool for hole saw with centre drill



928.900  
Similar to picture



918.900



CONNECTION PANELS



# ELEVATOR COVER

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

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

## BENEFITS

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

### ELEVATOR COVER

- Material: Aluminium, plastic
- Dimensions (WxHxD): 127 x 201 x 129 mm

#	
Stainless steel look   Cover: Black	
928.902	Housing for mounting ELEVATOR   e.g. for mounting inside kitchen wall cupboard



928.902



# WIRELESS CHARGER

## Fs80

No plugs, no irritating cables: the WIRELESS CHARGER Fs80 enables all Qi-enabled mobile devices to be charged wirelessly.

The WIRELESS CHARGER Fs80 is a design-orientated product for inductive power transmission that suits any furniture. The charger contains an induction coil and features a fast-charge function. It is compatible with common Qi-enabled devices and can charge them with 5 V as standard. Fast charging (9 V) is also possible – in conjunction with the “Quick Charger” power supply unit (934.900).

The product's high-quality aluminium surface in black (similar to RAL9005) fits into any surroundings. The charger can be installed completely tool-free in any surface with an 80 mm hole and a maximum tabletop thickness of 50 mm.

### BENEFITS

- **Fast charging (9 V) possible**
- **High-quality aluminium housing**
- **Over-charging protection**
- **Simple, tool-free installation**

**WIRELESS CHARGER Fs80**

- Housing material: Aluminium
- Dimensions (HxØ): 20 x 90 mm
- Hole diameter: 79 mm
- Mounting depth without cable: 20 – 50 mm
- Tabletop thickness: max. 50 mm

#	
934.001	Black (similar to RAL9005)   Qi standard: WPC1.2   Input: DC 5 V/9 V   Output: DC 5 V/9 V   For fast-charging (9 V) power supply "Quick Charger" 934.900 necessary   Charging distance: 0–8 mm   For 79 mm standard hole   1.5 m cable with USB 2.0 A/Micro 2.0 B included



934.001

**"Quick Charger" power supply unit**

- Black (similar to RAL9005)
- Input voltage AC 100–240 V | Power output DC 5 V/9 V

#	
934.901	Quick Charger UK power supply unit
934.900	Quick Charger Euro plug power supply unit



934.901



934.900

**Accessories**

#	
<b>Hole saw</b>	
928.900	In wood/plastic   Cutting depth up to 44 mm   79 mm diameter
918.900	Mounting tool for hole saw with centre drill



928.900

Similar to picture



918.900

Charge your smartphone **without a cable.**





# INTUBLU

Do you love music and good design? Do you attach importance to a well-designed room concept and would prefer not to spoil the look with a loudspeaker that doesn't fit in? INTUBLU makes loudspeakers that spoil your room's look and get in the way a thing of the past – because from now on, furniture and surfaces will play back your hit list.

INTUBLU consists of two structure-borne sound converters and a Bluetooth mains adapter. Mount everything in the place of your choice – concealed inside cabinets, kitchen drawers or behind your bathroom mirror, pair with your mobile phone or other devices via Bluetooth to immediately enjoy your music in top sound quality. The surface vibration achieved by INTUBLU lets you make the most of existing furniture and forget about the design and loudspeaker cables getting in the way.

## BENEFITS

- **Technology and design combined to the highest standard**
- **Best sound quality**
- **Space-saving design**
- **No cables or loudspeakers visible**
- **Easy mounting**

INTUBLU

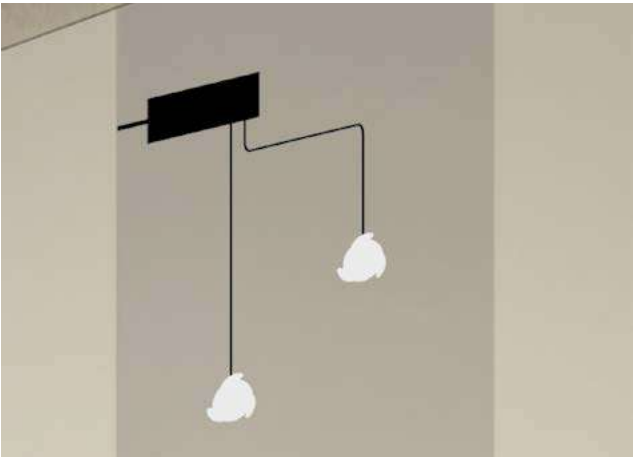
- Can be mounted on wood, aluminium, glass, mirrors and plastic

#	
944.000	1 x Bluetooth mains adapter: Supply cable: 1.5 m H03VVH2-F 2 x 0.75 mm² with Euro plug   110-230 V~ 50/60 Hz   2 screw-on points   Audio outputs: 2x10 W (mono/stereo)   2 x structure-borne sound converters: Supply cable: Each 2.0 m PVC connecting cable with device system plug   3 screw-on points   Voltage rating: 30 V   Adhesive surface on the back side   Can be mounted using screws or adhesive



Mount INTUBLU in the place of your choosing

Concealed inside cabinets, kitchen drawers or behind your bathroom mirror.



Stream your music in top sound quality  
**without loudspeakers or cables getting in the way.**





# DESK 2

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

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

## BENEFITS

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

## AWARDS





#									
902.208				3 (T13)		90°		1	239 x 85 x 100 mm
902.230				2 (T13)		90°	A/A 15W	2	282 x 85 x 100 mm
902.941				2 (T13)		90°	A&C 22W	1	271 x 85 x 100 mm
902.942				2 (T13)		90°	C 30W	1	271 x 85 x 100 mm
902.943				2 (T13)		90°	C 60W	1	314 x 85 x 100 mm
902.938				2 (T13)		0°	A&C 22W		225 x 85 x 100 mm
902.939				2 (T13)		0°	C 30W		225 x 85 x 100 mm
902.940				2 (T13)		90°	C 60W		271 x 85 x 100 mm
902.220					3	35°		2	317 x 85 x 100 mm
902.959					2	35°	A&C 22W	1	251 x 85 x 100 mm
902.960					2	35°	C 30W	1	251 x 85 x 100 mm
902.961					2	35°	C 60W	1	294 x 85 x 100 mm
902.272					2	35°	A/A 15W	1	275 x 85 x 100 mm
902.956					2	35°	A&C 22W		209 x 85 x 100 mm
902.957					2	35°	C 30W		209 x 85 x 100 mm
902.958					2	35°	C 60W		251 x 85 x 100 mm



**Over 200 colours** available on request.

For suitable **device supply cables**, see page 62 onwards.

For suitable **Custom Modules**, see page 178 onwards.

**DESK 2 power strips – stainless steel**

- Profile: Aluminium, painted in stainless steel
- Socket: Black plastic
- Tabletop thickness: 10 – 40 mm

#									
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**With device supply cable** | Power input: 0.2 m with GST18 | Incl. mounting bracket | 1.5 m separate device supply cable | GST18/earthing contact

902.502	3							2 x CAT6A coupling socket/socket   1 x USB-A/A 3.0 keystone module   1 HDMI keystone socket/socket	282 x 85 x 100 mm
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902.501	3							1 x USB-A/A 3.0 keystone module   1 x CAT6A coupling socket/socket	239 x 85 x 100 mm
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902.500	3								197 x 85 x 100 mm
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**Without device supply cable** | Power input: 0.2 m with GST18 | Incl. mounting bracket

902.402	3							3	324 x 85 x 100 mm
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902.401	3							2	282 x 85 x 100 mm
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902.400	3							1	239 x 85 x 100 mm
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902.4048	3								197 x 85 x 100 mm
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902.429	2							2	282 x 85 x 100 mm
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902.904	2							1	251 x 85 x 100 mm
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902.905	2							1	251 x 85 x 100 mm
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902.906	2							1	294 x 85 x 100 mm
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902.428	2							1	241 x 85 x 100 mm
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902.411	2							2	239 x 85 x 100 mm
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902.403	2							1	197 x 85 x 100 mm
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902.901	2								209 x 85 x 100 mm
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902.902	2								209 x 85 x 100 mm
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902.903	2								251 x 85 x 100 mm
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902.5712	1								155 x 85 x 100 mm
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902.917		2						1	294 x 85 x 100 mm
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902.918		2						1	294 x 85 x 100 mm
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902.919		2						1	336 x 85 x 100 mm
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902.431		2						1	274 x 85 x 100 mm
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902.407		2						2	274 x 85 x 100 mm
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902.913		2							225 x 85 x 100 mm
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902.914		2							225 x 85 x 100 mm
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902.915		2							294 x 85 x 100 mm
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902.405			3					2	282 x 85 x 100 mm
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902.404			3					1	239 x 85 x 100 mm
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902.923			2					1	251 x 85 x 100 mm
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902.924			2					1	251 x 85 x 100 mm
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902.925			2					1	294 x 85 x 100 mm
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902.432			2					1	239 x 85 x 100 mm
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902.920			2						209 x 85 x 100 mm
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902.921			2						209 x 85 x 100 mm
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902.922			2						251 x 85 x 100 mm
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902.5711			1						155 x 85 x 100 mm
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902.409				3 (T13)				2	282 x 85 x 100 mm
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902.408				3 (T13)				1	239 x 85 x 100 mm
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902.430				2 (T13)				2	282 x 85 x 100 mm
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902.502



902.501



902.402



902.400



902.4048












902.429



902.403



902.430

#									
902.910				2 (T13)		90°	A&C 22W	1	271 x 85 x 100 mm
902.911				2 (T13)		90°	C 30W	1	271 x 85 x 100 mm
902.912				2 (T13)		90°	C 60W	1	314 x 85 x 100 mm
902.907				2 (T13)		0°	A&C 22W		225 x 85 x 100 mm
902.908				2 (T13)		0°	C 30W		225 x 85 x 100 mm
902.909				2 (T13)		90°	C 60W		271 x 85 x 100 mm
902.448					3	35°		2	319 x 85 x 100 mm
902.929					2	35°	A&C 22W	1	251 x 85 x 100 mm
902.930					2	35°	C 30W	1	251 x 85 x 100 mm
902.931					2	35°	C 60W	1	294 x 85 x 100 mm
902.926					2	35°	A&C 22W		209 x 85 x 100 mm
902.927					2	35°	C 30W		209 x 85 x 100 mm
902.928					2	35°	C 60W		251 x 85 x 100 mm



902.907



902.911

For suitable **device supply cables**, see page 62 onwards.

For suitable **Custom Modules**, see page 178 onwards.



### DESK 2 power strips – black, similar to RAL9005

- Profile: Aluminium, painted black, similar to RAL9005
- Socket: Black plastic
- Tabletop thickness: 10 – 40 mm

#									
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**Without device supply cable** | Power input: 0.2 m with GST18 | Incl. mounting bracket

902.965	2					35°	A&C 22W	1	251 x 85 x 100 mm
902.966	2					35°	C 30W	1	251 x 85 x 100 mm
902.967	2					35°	C 60W	1	294 x 85 x 100 mm
902.602	2					35°	A/A 15W	1	241 x 85 x 100 mm
902.962	2					35°	A&C 22W		209 x 85 x 100 mm
902.963	2					35°	C 30W		209 x 85 x 100 mm
902.964	2					35°	C 60W		251 x 85 x 100 mm
902.705	1					35°	A/A 15W		155 x 85 x 100 mm
902.977		2				45°	A&C 22W	1	294 x 85 x 100 mm
902.978		2				45°	C 30W	1	294 x 85 x 100 mm
902.979		2				45°	C 60W	1	336 x 85 x 100 mm
902.611		2				45°	A/A 15W	1	283 x 85 x 100 mm
902.974		2				45°	A&C 22W		251 x 85 x 100 mm
902.975		2				45°	C 30W		251 x 85 x 100 mm
902.976		2				45°	C 60W		294 x 85 x 100 mm
902.983			2			35°	A&C 22W	1	251 x 85 x 100 mm
902.984			2			35°	C 30W	1	251 x 85 x 100 mm
902.985			2			35°	C 60W	1	294 x 85 x 100 mm
902.603			2			35°	A/A 15W	1	239 x 85 x 100 mm
902.980			2			35°	A&C 22W		209 x 85 x 100 mm
902.981			2			35°	C 30W		209 x 85 x 100 mm
902.982			2			35°	C 60W		251 x 85 x 100 mm
902.706			1			35°	A/A 15W		155 x 85 x 100 mm
902.971				2 (T13)		90°	A&C 22W	1	271 x 85 x 100 mm
902.972				2 (T13)		90°	C 30W	1	271 x 85 x 100 mm
902.973				2 (T13)		90°	C 60W	1	314 x 85 x 100 mm
902.600				2 (T13)		90°	A/A 15W	1	261 x 85 x 100 mm
902.968				2 (T13)		0°	A&C 22W		225 x 85 x 100 mm
902.969				2 (T13)		0°	C 30W		225 x 85 x 100 mm



902.602



902.966














902.967



902.978



902.980

#											
902.970			2 (T13)			90°		C 60W			271 x 85 x 100 mm
902.725			1 (T13)			90°		A/A 15W			155 x 85 x 100 mm
902.727					3	35°		A/A 15W		1	325 x 85 x 100 mm
902.989					2	35°		A&C 22W		1	251 x 85 x 100 mm
902.990					2	35°		C 30W		1	251 x 85 x 100 mm
902.991					2	35°		C 60W		1	294 x 85 x 100 mm
902.613					2	35°		A/A 15W		1	275 x 85 x 100 mm
902.986					2	35°		A&C 22W			209 x 85 x 100 mm
902.987					2	35°		C 30W			209 x 85 x 100 mm
902.988					2	35°		C 60W			251 x 85 x 100 mm



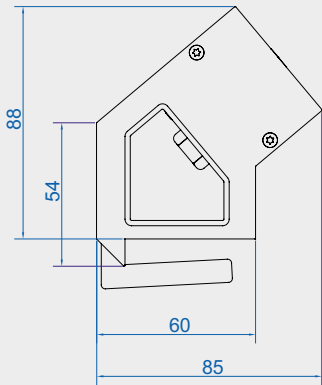
902.987



902.989



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



Dimensions in mm

For suitable **device supply cables**, see page 62 onwards.

For suitable **Custom Modules**, see page 178 onwards.





# DESK 2 ALU BLACK

DESK 2 has been one of the classic BACHMANN connection panels for years. Now it presents itself in a new guise: DESK 2 ALU BLACK is characterised by its appealing two-colour look. The visually attractive combination of aluminium and end caps made of black plastic blends harmoniously into modern living and working concepts. The design-oriented connection panel can also be equipped with various Custom Modules. In this way, DESK 2 ALU BLACK enables the usual variety of practical configuration options that is expected of BACHMANN, allowing maximum customisation. In addition, the connection panel has the familiar DESK features, such as space-saving mounting with brackets on the furniture or the user-oriented 35° orientation.

## BENEFITS

- **Design solution for living and working environments**
- **User-oriented 35° orientation**
- **Covered cable routing to the edge**
- **Customisation thanks to custom versions**
- **Space-saving mounting**

**DESK 2 ALU BLACK**

- Profile: Anodised aluminium
- End cap colour: Black
- Tabletop thickness: 10 – 40 mm

#									
<b>Without device supply cable</b>   Power input: 0.2 m with GST18   Incl. mounting bracket									
937.304	2					35°	A&C 22W	1	251 x 85 x 100 mm
937.305	2					35°	C 30W	1	251 x 85 x 100 mm
937.306	2					35°	C 60W	1	294 x 85 x 100 mm
937.001	2					35°	A/A 15W	1	241 x 85 x 100 mm
937.301	2					35°	A&C 22W		209 x 85 x 100 mm
937.302	2					35°	C 30W		209 x 85 x 100 mm
937.303	2					35°	C 60W		251 x 85 x 100 mm
937.102	1					35°	A/A 15W		155 x 85 x 100 mm
937.316		2				45°	A&C 22W	1	294 x 85 x 100 mm
937.317		2				45°	C 30W	1	294 x 85 x 100 mm
937.318		2				45°	C 60W	1	336 x 85 x 100 mm
937.004		2				45°	A/A 15W	1	284 x 85 x 100 mm
937.313		2				45°	A&C 22W		251 x 85 x 100 mm
937.314		2				45°	C 30W		251 x 85 x 100 mm
937.315		2				45°	C 60W		294 x 85 x 100 mm
937.105		1				45°	A/A 15W		199 x 85 x 100 mm
937.322			2			35°	A&C 22W	1	251 x 85 x 100 mm
937.323			2			35°	C 30W	1	252 x 85 x 100 mm
937.324			2			35°	C 60W	1	294 x 85 x 100 mm
937.002			2			35°	A/A 15W	1	241 x 85 x 100 mm
937.319			2			35°	A&C 22W		209 x 85 x 100 mm
937.320			2			35°	C 30W		209 x 85 x 100 mm
937.321			2			35°	C 60W		251 x 85 x 100 mm
937.103			1			35°	A/A 15W		155 x 85 x 100 mm
937.310				2 (T13)		90°	A&C 22W	1	271 x 85 x 100 mm
937.311				2 (T13)		90°	C 30W	1	271 x 85 x 100 mm
937.312				2 (T13)		90°	C 60W	1	314 x 85 x 100 mm
937.003				2 (T13)		90°	A/A 15W	1	262 x 85 x 100 mm
937.307				2 (T13)		90°	A&C 22W		225 x 85 x 100 mm
937.308				2 (T13)		90°	C 30W		225 x 85 x 100 mm
937.309				2 (T13)		90°	C 60W		271 x 85 x 100 mm
937.104				1 (T13)		0°	A/A 15W		155 x 85 x 100 mm
937.328					2	35°	A&C 22W	1	251 x 85 x 100 mm
937.329					2	35°	C 30W	1	251 x 85 x 100 mm
937.330					2	35°	C 60W	1	294 x 85 x 100 mm
937.325					2	35°	A&C 22W		209 x 85 x 100 mm
937.326					2	35°	C 30W		209 x 85 x 100 mm
937.327					2	35°	C 60W		251 x 85 x 100 mm



937.001



937.105



937.002



937.003



937.325

For suitable **device supply cables**, see page 62 onwards.For suitable **Custom Modules**, see page 178 onwards.



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

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

## DESK 2 accessories

#	
<b>DESK 2 cable guide</b>   Covered cable guide to the underside of tabletop edge	
918.106	Plastic painted in white, similar to RAL9010
918.107	Plastic, painted in stainless steel
918.124	Plastic painted in black, similar to RAL9005
<b>DESK 2 adhesive base</b>   2 x TESA POWER STRIP	
918.110	2 x adhesive base set, plastic, painted in white similar to RAL9010
918.111	2 x adhesive base set, plastic, painted in stainless steel
918.122	2 x adhesive base set, plastic, painted in black, similar to RAL9005
<b>Standard mounting brackets</b>	
930.120	Anodised aluminium, material thickness approx. 9 mm   Contents: 2 x mounting brackets, anodised aluminium profile, 2 x Allen bolts M5 x 60 mm   With DESK 2/DESK 2 ALU BLACK suitable for tabletop thicknesses from 25 to 50 mm   With DESK 1 suitable for tabletop thicknesses up to 50 cm



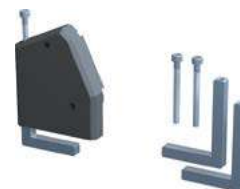
918.106



918.110



918.111



930.120



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



# DESK RAIL

More space for creativity and efficiency at your desk with DESK RAIL: the smart system allows power, media and data connections to be secured directly to third-level railing systems, providing more space on the tabletop and also quick, convenient access to a whole host of connections.

Tried-and-tested BACHMANN 90° Custom Modules also ensure maximum flexibility in this case. The central modules for video, audio and network connections can be integrated into DESK RAIL as desired, thereby keeping the system state-of-the-art at all times.

DESK RAIL is easily and securely mounted onto the front side, while power and data cables are connected from below. A universal mount makes DESK RAIL compatible with virtually all standard railing systems.

## BENEFITS

- **More space on the desk**
- **Common railing-system compatibility**
- **Simple mounting**
- **Convenient access to numerous connections**
- **90° Custom Modules for more flexibility**

**DESK RAIL**

- Profile: Anodised aluminium
- End cap colour: Black
- Compatible with the following railing systems: BENE, NOVUS, K&N, Steelcase, VS, etc.

#									
<b>Without device supply cable</b>   Power input: 2.0 m with GST18									
941.304	2					35°	A&C 22W	1	280 x 52 x 52 mm
941.305	2					35°	C 30W	1	280 x 52 x 52 mm
941.306	2					35°	C 60W	1	322 x 52 x 52 mm
941.001	2					35°	A/A 15W	1	270 x 52 x 52 mm
941.301	2					35°	A&C 22W		237 x 52 x 52 mm
941.302	2					35°	C 30W		237 x 52 x 52 mm
941.303	2					35°	C 60W		280 x 52 x 52 mm
941.101	2					35°	A/A 15W		288 x 52 x 52 mm
941.316		2				45°	A&C 22W	1	305 x 52 x 52 mm
941.317		2				45°	C 30W	1	305 x 52 x 52 mm
941.318		2				45°	C 60W	1	348 x 52 x 52 mm
941.003		2				45°	A/A 15W	1	295 x 52 x 52 mm
941.313		2				45°	A&C 22W		262 x 52 x 52 mm
941.314		2				45°	C 30W		275 x 52 x 52 mm
941.315		2				45°	C 60W		318 x 52 x 52 mm
941.103		2				45°	A/A 15W		253 x 52 x 52 mm
941.322			2			35°	A&C 22W	1	280 x 52 x 52 mm
941.323			2			35°	C 30W	1	280 x 52 x 52 mm
941.324			2			35°	C 60W	1	322 x 52 x 52 mm
941.002			2			35°	A/A 15W	1	270 x 52 x 52 mm
941.319			2			35°	A&C 22W		237 x 52 x 52 mm
941.320			2			35°	C 30W		237 x 52 x 52 mm
941.321			2			35°	C 60W		280 x 52 x 52 mm
941.102			2			35°	A/A 15W		288 x 52 x 52 mm
941.310				2 (T13)		90°	A&C 22W	1	310 x 52 x 52 mm
941.311				2 (T13)		90°	C 30W	1	310 x 52 x 52 mm
941.312				2 (T13)		90°	C 60W	1	347 x 52 x 52 mm
941.004				2 (T13)		90°	A/A 15W	1	300 x 52 x 52 mm
941.307				2 (T13)		90°	A&C 22W		267 x 52 x 52 mm
941.308				2 (T13)		90°	C 30W		267 x 52 x 52 mm
941.309				2 (T13)		90°	C 60W		310 x 52 x 52 mm
941.104				2 (T13)		90°	A/A 15W		258 x 52 x 52 mm
941.328					2	35°	A&C 22W	1	280 x 52 x 52 mm
941.329					2	35°	C 30W	1	280 x 52 x 52 mm
941.330					2	35°	C 60W	1	322 x 52 x 52 mm
941.325					2	35°	A&C 22W		237 x 52 x 52 mm
941.326					2	35°	C 30W		237 x 52 x 52 mm
941.327					2	35°	C 60W		280 x 52 x 52 mm



941.001



941.101



941.003




941.103

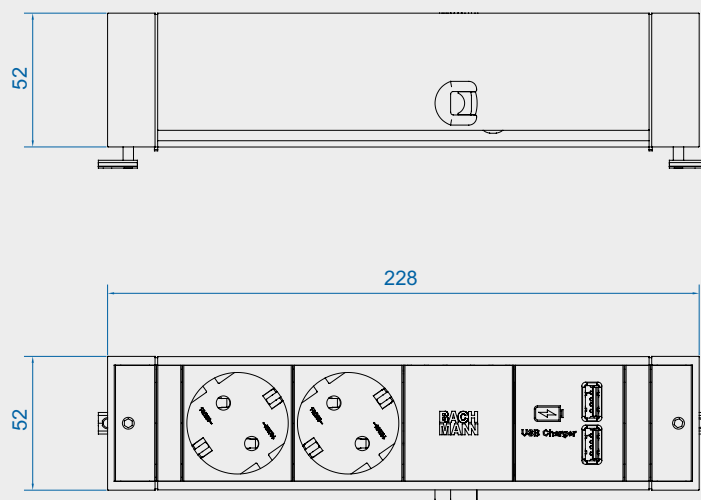


941.102



941.104

 **Convenient access** to the connections  
through **attachment to the railing system.**



Dimensions in mm



Further railing systems available on request.

For suitable **device supply cables**, see page 62 onwards.

For suitable **Custom Modules**, see page 178 onwards.



# DESK 1

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

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

## BENEFITS

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



**DESK 1 power strips – without cable**

- Anodised aluminium profile

**Power input: GST18** | Power output: GST18

902.0049	4					35°				271 x 74 x 93 mm
902.003	3					35°			4	409 x 74 x 93 mm
902.002	3					35°			3	366 x 74 x 93 mm
902.001	3					35°			2	324 x 74 x 93 mm
902.000	3					35°			1	281 x 74 x 93 mm
902.017	3					35°	•		1	324 x 74 x 93 mm
902.0050	3					35°	•			271 x 74 x 93 mm
902.0048	3					35°				229 x 74 x 93 mm
902.0183	2					35°		A/A 15W	2	324 x 74 x 93 mm
902.0814	2					35°		A&C 22W	1	292 x 74 x 93 mm
902.0815	2					35°		C 30W	1	271 x 74 x 93 mm
902.0816	2					35°		C 60W	1	324 x 74 x 93 mm
902.0182	2					35°		A/A 15W	1	324 x 74 x 93 mm
902.0811	2					35°		A&C 22W		249 x 74 x 93 mm
902.0812	2					35°		C 30W		249 x 74 x 93 mm
902.0813	2					35°		C 60W		271 x 74 x 93 mm
902.0192	2					35°		A/A 15W		281 x 74 x 93 mm
902.0382	1					35°		A/A 15W		197 x 74 x 93 mm
902.0089		2				90°			3	344 x 74 x 93 mm
902.024		2				45°			2	346 x 74 x 93 mm
902.0854		2				45°		A&C 22W	1	337 x 74 x 93 mm
902.0855		2				45°		C 30W	1	337 x 74 x 93 mm
902.0856		2				45°		C 60W	1	369 x 74 x 93 mm
902.0184		2				45°		A/A 15W	1	316 x 74 x 93 mm
902.1017		2				45°			1	276 x 74 x 93 mm
902.0851		2				45°		A&C 22W		284 x 74 x 93 mm
902.0852		2				45°		C 30W		284 x 74 x 93 mm
902.0853		2				45°		C 60W		316 x 74 x 93 mm
902.166		2				45°		A/A 15W		274 x 74 x 93 mm
339.1018		2				45°				229 x 74 x 93 mm
902.1076			4			35°				271 x 74 x 93 mm
902.007			3			35°			4	409 x 74 x 93 mm
902.006			3			35°			3	366 x 74 x 93 mm
902.005			3			35°			2	365 x 74 x 93 mm
902.004			3			35°			1	281 x 74 x 93 mm
902.1313			3			35°				229 x 74 x 93 mm
902.0562			2			35°		A/A 15W	2	324 x 74 x 93 mm
902.0874			2			35°		A&C 22W	1	292 x 74 x 93 mm
902.0875			2			35°		C 30W	1	292 x 74 x 93 mm
902.0876			2			35°		C 60W	1	324 x 74 x 93 mm
902.0185			2			35°		A/A 15W	1	281 x 74 x 93 mm
902.0871			2			35°		A&C 22W		249 x 74 x 93 mm
902.0872			2			35°		C 30W		249 x 74 x 93 mm
902.0873			2			35°		C 60W		281 x 74 x 93 mm
902.068			2			35°		A/A 15W		239 x 74 x 93 mm
902.1309			1			35°		A/A 15W		189 x 74 x 93 mm
339.110				4 (T13)		0°				242 x 74 x 93 mm



902.0049



902.003



902.002



902.001



902.000



902.017



902.0050



902.0183



902.0182



902.0192



339.1018

#										
902.010				3 (T13)		0°			3	344 x 74 x 93 mm
902.009				3 (T13)		0°			2	301 x 74 x 93 mm
902.008				3 (T13)		0°			1	258 x 74 x 93 mm
902.1804				3 (T13)		0°				229 x 74 x 93 mm
902.0161				2 (T13)		90°		A/A 15W	2	324 x 74 x 93 mm
902.0824				2 (T13)		90°		A&C 22W	1	322 x 74 x 93 mm
902.0825				2 (T13)		90°		C 30W	1	322 x 74 x 93 mm
902.0826				2 (T13)		90°		C 60W	1	322 x 74 x 93 mm
902.0578				2 (T13)		90°		A/A 15W	1	301 x 74 x 93 mm
902.0821				2 (T13)		0°		A&C 22W		255 x 74 x 93 mm
902.0822				2 (T13)		90°		C 30W		255 x 74 x 93 mm
902.0823				2 (T13)		90°		C 60W		302 x 74 x 93 mm
902.1992				2 (T13)		0°		A/A 15W		239 x 74 x 93 mm
902.0914					3	35°			1	298 x 74 x 93 mm
902.0179					2	35°		A/A 15W	1	293 x 74 x 93 mm

**DESK 1 power strips – with cable**

- Anodised aluminium profile

#										
<b>Power input: 1.0 m with GST18</b>										
902.0096	3					35°			2	324 x 74 x 93 mm
902.054	3					35°			1	281 x 74 x 93 mm
902.0245	2					35°		A/A 15W	2	324 x 74 x 93 mm
902.0243	2					35°		A/A 15W	1	281 x 74 x 93 mm
902.0250		2				45°		A/A 15W	2	359 x 74 x 93 mm
902.0260		2				45°		A/A 15W	1	316 x 74 x 93 mm
902.0234			3			35°			1	281 x 74 x 93 mm
902.0142			2			35°		A/A 15W	2	324 x 74 x 93 mm
902.0168			2			35°		A/A 15W	1	281 x 74 x 93 mm
902.0220				3 (T13)		90°			1	317 x 74 x 93 mm
902.0218				2 (T13)		90°		A/A 15W	1	314 x 74 x 93 mm
<b>Power input: 3.0 m   With right-angled plug with earthing contact   Incl. standard mounting bracket and screws</b>										
339.1000	4					35°				268 x 74 x 93 mm
339.1001	3					35°				268 x 74 x 93 mm



902.0096



902.054



902.0234



339.1000



339.1001



Standard items are supplied without mounting brackets

For suitable **device supply cables**, see page 62 onwards.For suitable **Custom Modules**, see page 178 onwards.

**DESK 1 power strips – equipped**

- Anodised aluminium profile

#				
<b>Power input: GST18i3 plug</b>   Power output: GST18i3 socket   Incl. standard mounting bracket and screws				
339.1005	3	35°	2 x CAT6A RJ45, front side: socket; back side: Socket   1 x VGA 15-pin + miniature jack 3.5 mm	296 x 74 x 93 mm
339.1006	3	35°	2 x CAT6A RJ45, front side: socket; back side: Socket   1 x USB-A/A socket	325 x 74 x 93 mm
339.1004	3	35°	2 x CAT6A RJ45, front side: socket; back side: Socket	284 x 74 x 93 mm
339.1002	3	35°		229 x 74 x 93 mm



339.1005



339.1006

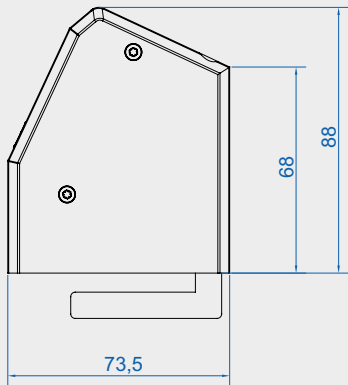


339.1004

CONNECTION PANELS



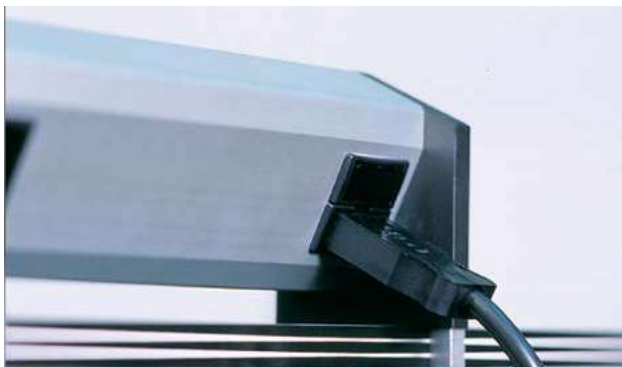
**Individual configuration**  
to your specifications.



Dimensions in mm

For suitable **device supply cables**, see page 62 onwards.

For suitable **Custom Modules**, see page 178 onwards.



### Plug connectors as standard

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



### Mounting without damage

DESK 1 can be mounted on the tabletop edge quickly and easily using a set of mounting brackets. A size 4 Allen key is required to tighten the inside screw on the mounting bracket. Mounting does not damage the furniture. You will find a range of mounting brackets and units on this page.

### DESK 1 plus STEP combined

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

## Accessories

#	
<b>Mounting plate</b>	
930.182	Black plastic   Mounting plates for attachment to DESK end caps   Contents: 2 x mounting plates, 2 x screws, 2 x tesa Powerstrip®
<b>Mounting bracket, long for tabletop thickness up to 80 mm</b>	
930.180	Mounting bracket, long, 50–80 mm   Contents: 2 x mounting brackets, painted black, similar to RAL9011, 2 x M5 x 45 mm Allen bolts, 2 x M5 x 60 mm Allen bolts
<b>Mounting bracket, narrow for tabletop thickness up to 50 mm</b>	
918.001	Stainless steel, thickness 3 mm   Contents: 2 stainless steel mounting brackets, 2 M5 x 45 mm Allen bolts
<b>Standard mounting brackets</b>	
930.120	Anodised aluminium, material thickness approx. 9 mm   Contents: 2 x mounting brackets, anodised aluminium profile, 2 x Allen bolts M5 x 60 mm   With DESK 2/DESK 2 ALU BLACK suitable for tabletop thicknesses from 25 to 50 mm   With DESK 1 suitable for tabletop thicknesses up to 50 cm
<b>Chipboard screw for DESK end caps for tabletop thicknesses over 15 mm</b>	
930.183	Contents: 2 x screws, 5 x 90 mm, 2 x brass threaded sleeves



930.182



930.180



918.001



930.120



930.183



# CASIA

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





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

## BENEFITS

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

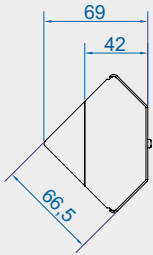
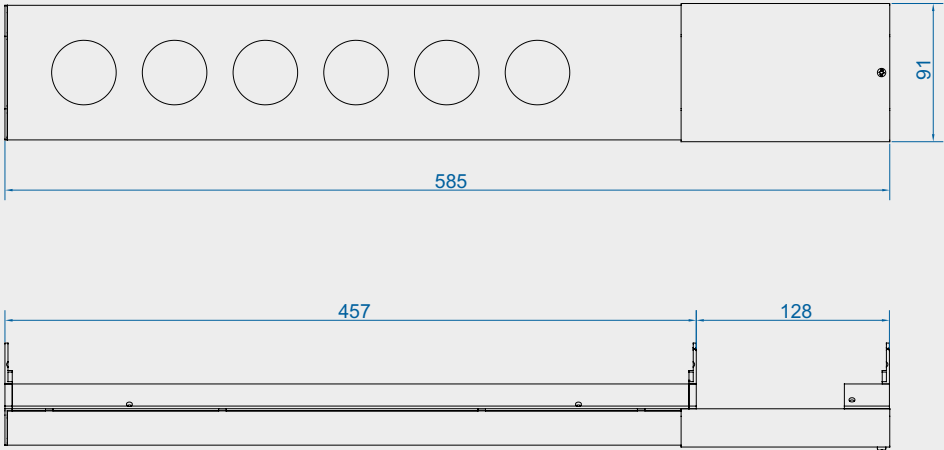
CASIA power strip

• Material: Profile: Aluminium

#				
Power input: 2.0 m H05VV-F 3G 1.5 mm² with enclosed mounting plug				
923.006	4			457 x 69 x 91 mm
923.010		4		457 x 69 x 91 mm
Power input: 2.0 m H05VV-F 3G 1.5 mm² with enclosed mounting plug   1 x rocker switch				
923.008	4		A/A 15W	457 x 69 x 91 mm
923.007	4			457 x 69 x 91 mm
923.012		4	A/A 15W	457 x 69 x 91 mm
923.011		4		457 x 69 x 91 mm



Individual adjustment of installation height  
to your specifications.



Dimensions in mm





# iotspot

The office of tomorrow – available today for employees and facility managers.

Do you know the real extent of workplace utilisation in your building? Or perhaps you already have a desk-sharing model, but one where actually finding a place to work is difficult? It's a real nightmare for employees. And for employers? That's easy: expensive office space standing empty.

With iotspot integrated into a BACHMANN design connection panel, such as the DESK 2, it is quick and easy to search for, find and reserve workstations. And facility managers will receive detailed data and analyses on workplace utilisation, yielding valuable knowledge for cost optimisation.

## BENEFITS

- **2 in 1: Connection panel and workplace management in one**
- **Informative facility dashboards**
- **No need for IT network integration**
- **Quick and easy set-up**
- **Intuitive app**



## Turn the office into your employees' favourite place.



### DESK 2 power strips with an integrated iotspot module – black, similar to RAL9005

- Material: Profile: Aluminium | Socket: Plastic
- Tabletop thickness: 10 - 40 mm

#									
<b>Without device supply cable</b>   Power input: 0.2 m with GST18   Incl. mounting bracket									
902.801	2					35°	A/A 15W	1	356 x 85 x 100 mm
902.800	2					35°	A/A 15W		314 x 85 x 100 mm
902.831		2				45°	A/A 15W	1	399 x 85 x 100 mm
902.830		2				45°	A/A 15W		356 x 85 x 100 mm
902.811			2			35°	A/A 15W	1	356 x 85 x 100 mm
902.810			2			35°	A/A 15W		314 x 85 x 100 mm
902.821				2 (T13)		90°	A/A 15W	1	379 x 85 x 100 mm
902.820				2 (T13)		90°	A/A 15W		336 x 85 x 100 mm
902.841					2	35°	A/A 15W	1	356 x 85 x 100 mm
902.840					2	35°	A/A 15W		314 x 85 x 100 mm



902.800



902.831



902.810



902.821

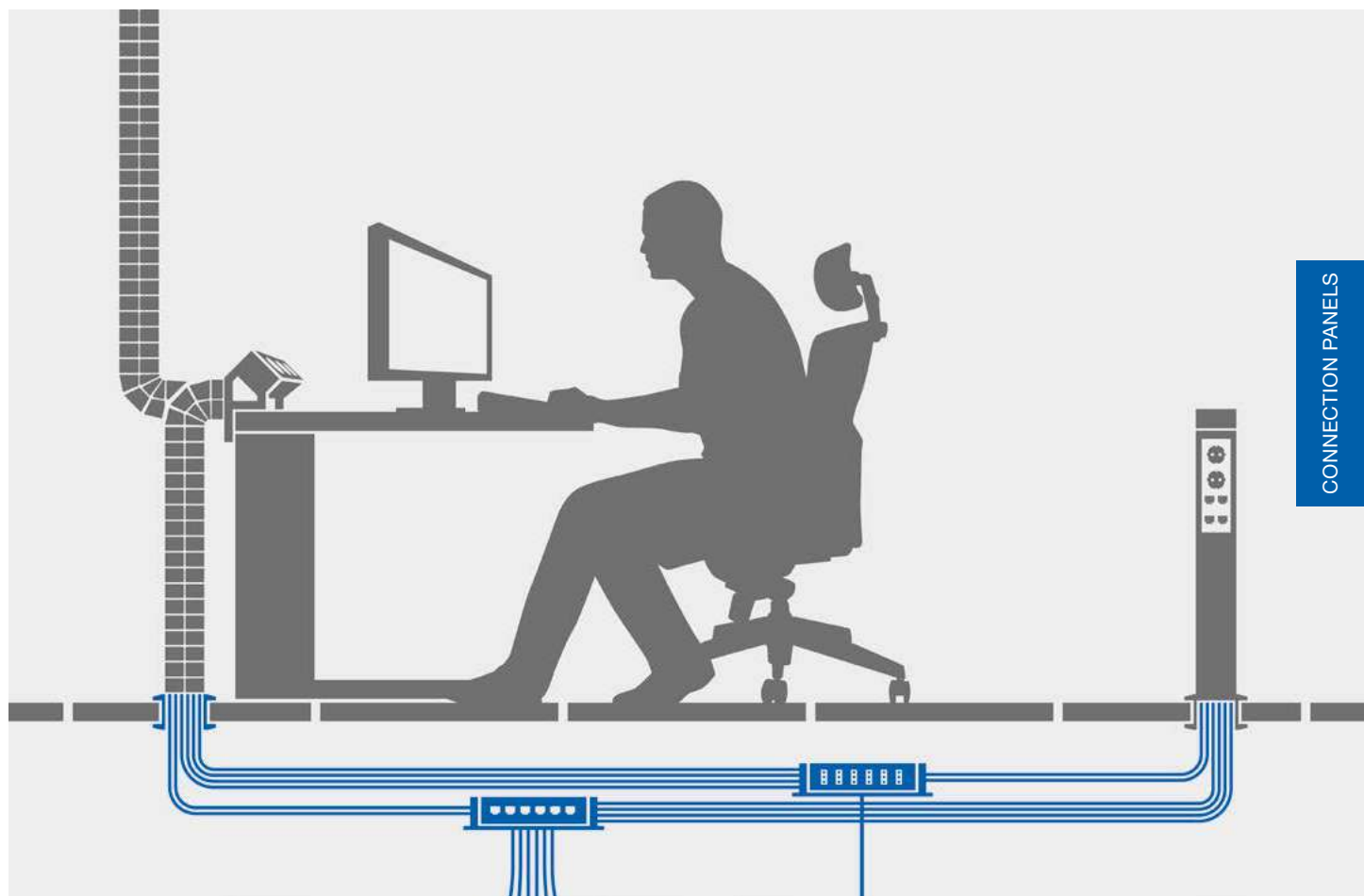


902.840



On request, the iotspot module can also be incorporated into the DESK, DESK 2 ALU BLACK, DESK RAIL and POWER FRAME.

You will find more information in our **Next Generation Office brochure** or at [www.bachmann.com](http://www.bachmann.com).



# Consolidation Point

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

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

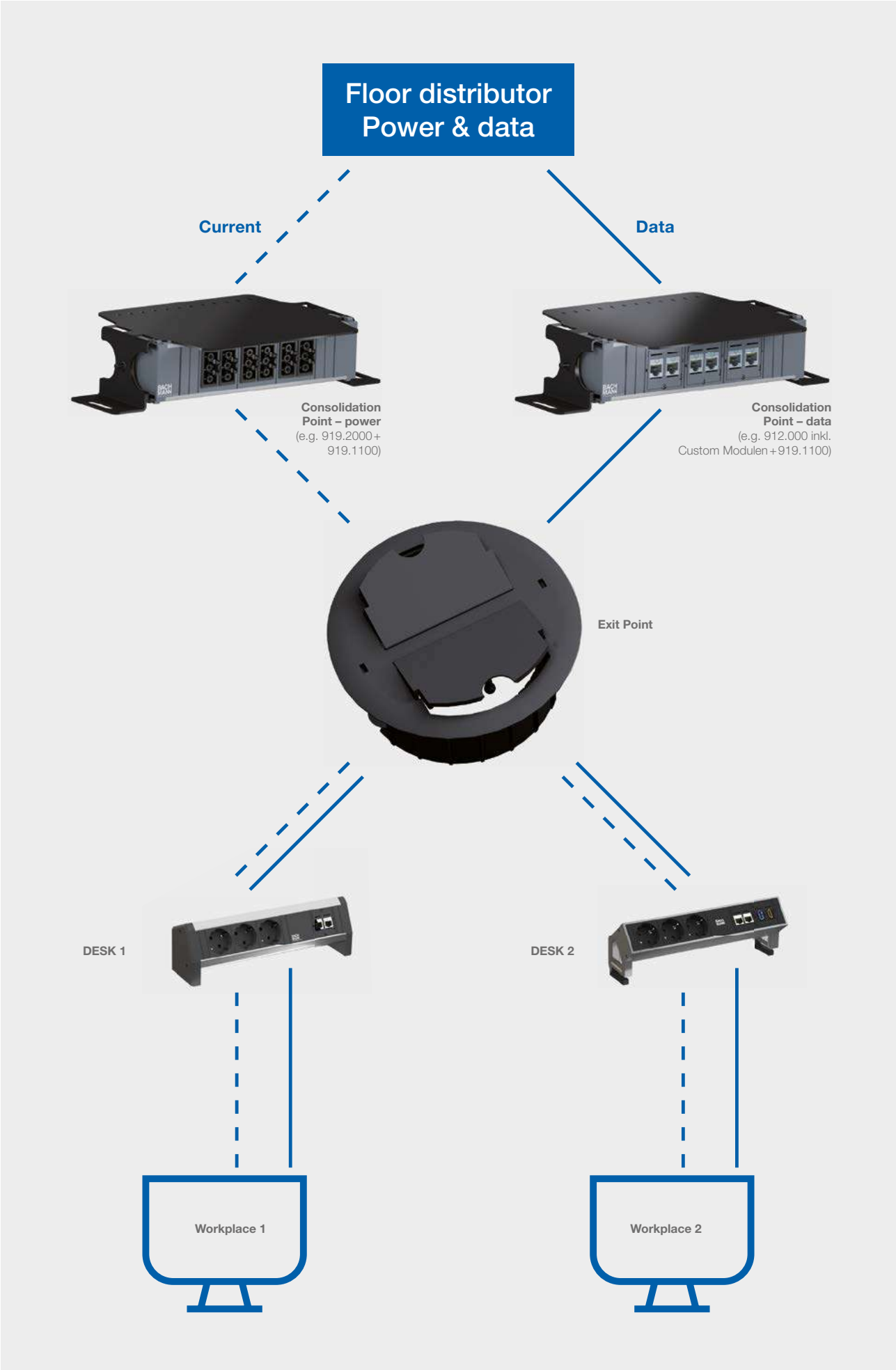
Thanks to the "open-office cabling", CP and MUTO (multi-user terminal outlet) concepts, the network installation is flexible, future-proof and also cost-optimised.

You will receive a user-oriented connection unit. In our complete catalogue, you can also find various multiple socket strips for mounting on top of or fitting into office desks. All versions can be configured as required and supplied ready for use.

## BENEFITS

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

For suitable **power strips**, see page 173 onwards.



**Consolidation Point units for power**

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

#	
<b>Large</b>   Length: 356 mm	
919.2002	12-way GST18i3 socket, black, 1-phase   Power input: GST18i3
919.2003	2 x 6-way GST18i3 sockets, 2-phase   Sockets in black and red   Power input: GST18i3
919.2004	3 x 4-way GST18i3 sockets, 3-phase   Sockets in black, red and grey   Power input: 3 x GST18i3
919.2005	3 x 4-way GST18i3 sockets, 3-phase   Sockets in red, black and grey   Lateral power input in end cap with rewirable terminal to allow self-connection
<b>Small</b>   Length: 217 mm	
919.2000	6-way GST18i3 socket, black, 1-phase   Power input: GST18i3
919.2001	2 x 3-way GST18i3 sockets, 2-phase   Sockets in black and red   Power input: GST18i3



919.2002



919.2003



919.2004



919.2005



919.2000



919.2001

**Consolidation Point units for data**

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

#	
<b>Without power input</b>	
912.001	6-way Custom Module, empty   Long: 356 mm
<b>Power input: 0.2 m cable and GST18i3 plug</b>	
912.000	3-way Custom Module, empty   Short: 217 mm



912.001

For suitable **device supply cables**, see page 62 onwards.

For suitable **Custom Modules**, see page 178.

**Consolidation Point mounting**

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

#	
<b>Large</b> 919.1101 Long (for units with 6 modules)	
<b>Small</b> 919.1100 Short (for units with 3 modules)	



919.1101



919.1100

**Floor outlet for dry-maintained floors**

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

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

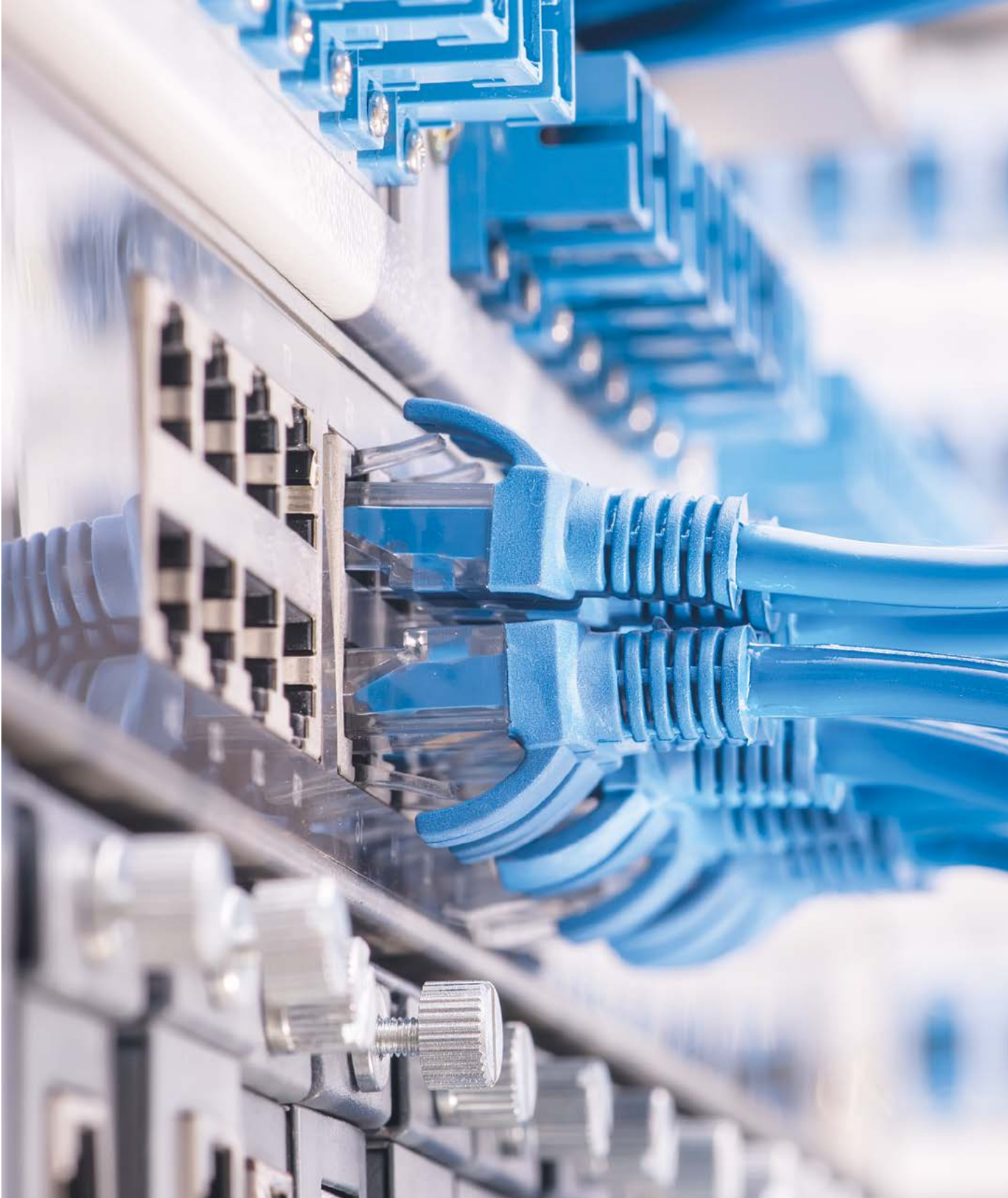


919.1000





# Network and media technology







## **Custom Modules**

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Data transmission	190
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## **Audio/video cables**

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DisplayPort cable	204
DVI-I cable	204

## **Audio/video cables**

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Audio cable	205



# Custom Modules – individual solutions

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

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

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

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

## BENEFITS

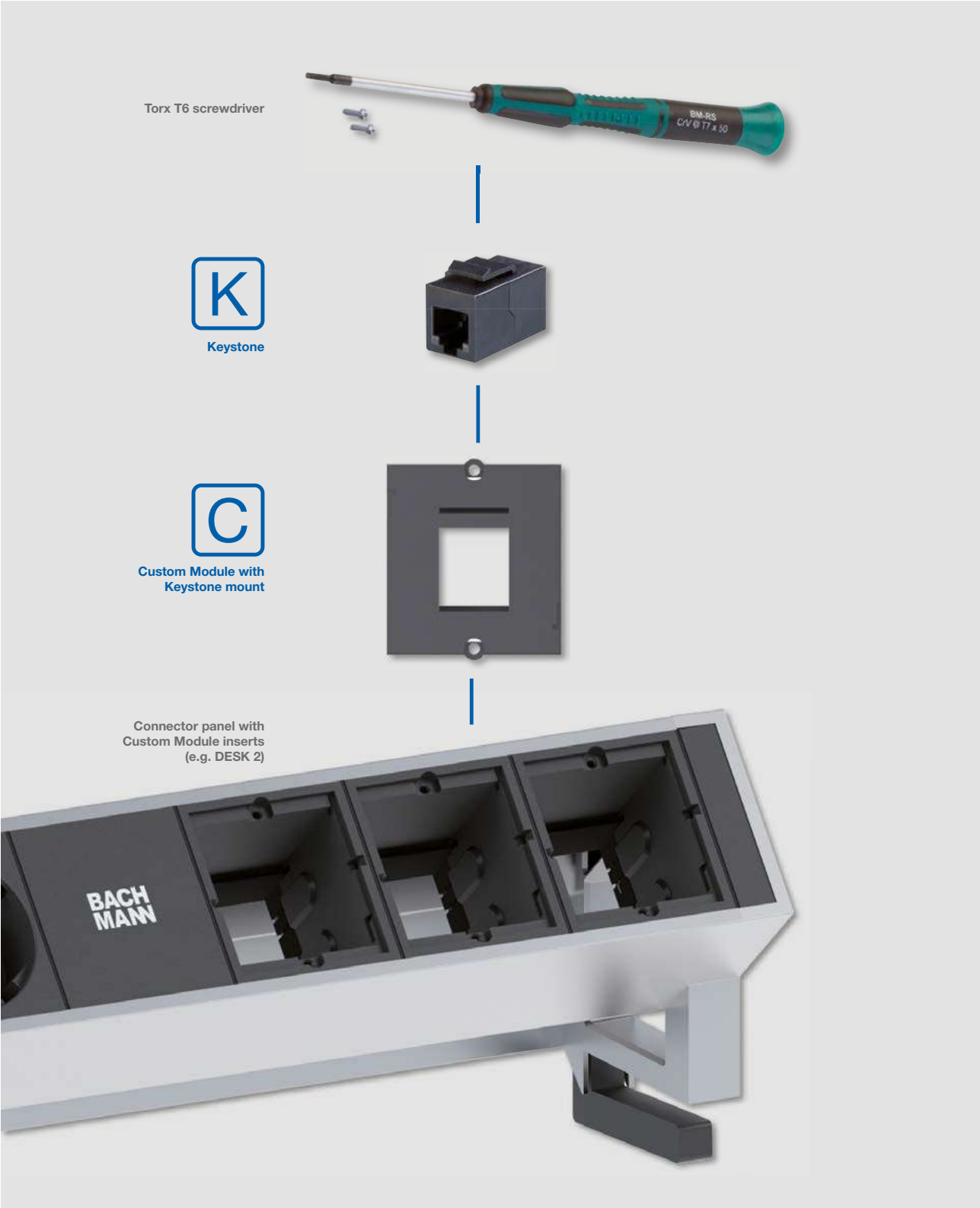
- **Individual equipment options**
- **Future-proofing thanks to interchangeable modules**
- **Simple and flexible installation**

## Variant 1: Custom Module fully equipped



You will find **19" Custom Module panels 1.5 U** item no. 903.003 on 38.


## Variant 2: Custom Module with Keystone mount



You will find **19" Custom Module panels 1.5 U** item no. 903.003 on 38.


# Keystones

## Keystones socket/socket

#	
	
<b>CAT6A coupling, socket/socket</b>	
940.083	Front side: RJ45 (keystone fixing)   Back side: RJ45 (keystone fixing)   Shielded
<b>CAT6 Class E<sub>A</sub> coupling socket/socket</b>	
940.044	For 10 Gbit Ethernet   Type: METZ CONNECT E-DAT   Front side: RJ45 (keystone fixing)   Back side: RJ45 (E-DAT mounting)   Shielded
<b>CAT6 Class 90° coupling socket/socket</b>	
918.032	90° lateral outlet, only compatible with power strips with lateral 90° outlet   Type: METZ CONNECT (E-DAT)   Front side: RJ45 (keystone fixing)   Back side: RJ45 (E-DAT mounting)   Shielded
<b>CAT6 coupling, socket/socket</b>	
940.112	Front side: RJ45 (keystone fixing)   Back side: RJ45 (keystone fixing)   Unshielded
<b>ISDN RJ12 socket/socket</b>	
940.085	Front side: RJ12 (keystone fixing)   Back side: RJ12 (keystone fixing)   Unshielded




## Keystones socket/supply cable

#	
	
<b>CAT6a 10GB socket TKM</b>	
918.035	CAT6a connector socket TKM 10GB   For self-connection   Without cable (designed for tool-free connection of data cable)   Shielded
<b>CAT6a 10GB patch cable plug/socket 3.0 m</b>	
918.033	Front side: Socket RJ45 CAT6a TKM 10GB   Cable, black, with RJ45 plug   Shielded
<b>CAT6a 10GB patch cable plug/socket 5.0 m</b>	
918.034	Front side: Socket RJ45 CAT6a TKM 10GB   Cable, black, with RJ45 plug   Shielded



## Keystones for media technology

#	
	
<b>1 x HDMI 2.0</b>	
918.041	Front side: HDMI socket   Back side: HDMI socket without cable   Requires approx. 85 mm mounting depth   Transmission up to a resolution of 3,840 x 2,160 px   Black
<b>1 x Mini DisplayPort</b>	
917.214	Front side: Mini DisplayPort socket   Back side: DisplayPort plug with approx. 0.5 m cable   Requires approx. 85 mm mounting depth   Black
<b>1 x miniature jack 3.5 mm</b>	
917.157	Front side: 3.5 mm stereo miniature jack socket   Back side: 3.5 mm stereo miniature jack socket with approx. 0.2 m cable   Requires approx. 65 mm mounting depth   Black



For suitable data cables, see page 202.

For suitable **Custom Modules with keystone mount**, see page 183 onwards.

**USB 3.0 keystones**

- Requires approx. 85 mm mounting depth
- Black

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



917.400



917.401



917.120

**USB 3.1 Type C keystone**

- Black
- Requires approx. 50 mm mounting depth

#	
917.121	USB 3.1 Type C   Front side: USB-C socket   Back side: USB-C plug with approx. 0.5 m cable



917.121

**Keystones OWG**

- Keystone fixing

#	
918.045	TOSLINK optical-fibre audio coupling
918.071	OWG-LC duplex coupling
918.072	OWG-SC coupling
918.073	OWG-ST duplex coupling



918.045



918.071



918.072



918.073

For suitable **Custom Modules with keystone mount**, see page 183 onwards.

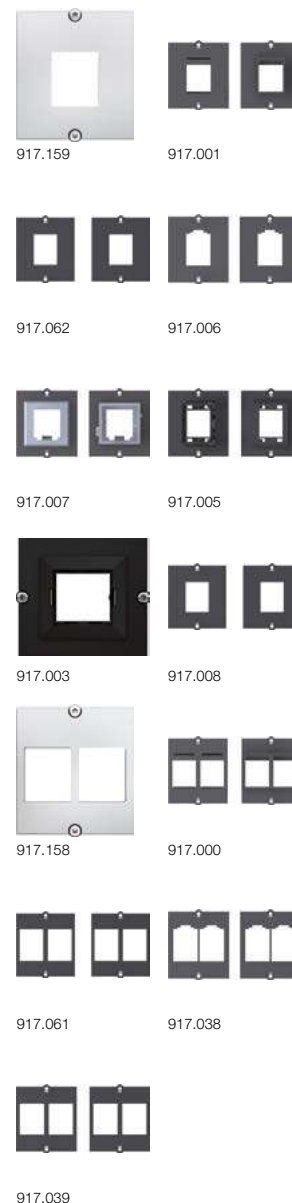


**PLEASE NOTE** Only Keystones / Custom Modules with an even flush can be used in combination with PIX / KAPSA / DUE with a lid and POWER FRAME COVER! For compatibility, see 193 onwards.

# Keystone mount

## Custom Modules with keystone mount

#	
<b>1 x keystone</b>	
917.159	Module, white   With mount for 1 keystone module
917.001	Module, black   With mount for 1 keystone module
<b>1 x keystone with metal holder</b>	
917.062	Module, black   With mount for 1 keystone module   Keystone mount with metal holder on back side of cover for high mechanical stresses
<b>1 x METZ CONNECT E-DAT module CAT6</b>	
917.006	Module with cut-out for 1 x keystone module (not included)   Note: Modules protrude beyond the frame
<b>1 x Panduit CAT6</b>	
917.007	Module with cut-out and mounting plate, black for 1 x keystone module (not included)   Note: Modules protrude beyond the frame
<b>1 x RDM CAT6</b>	
917.005	Module with cut-out and mounting plate for 1 x keystone module (not included)   Note: Modules protrude beyond the frame
<b>1 x Systimax CAT6</b>	
917.003	Module with cut-out and mounting plate for 1 x keystone module (not included)   Note: Modules protrude beyond the frame
<b>1 x Tera CAT7</b>	
917.008	Module with cut-out, black for 1 x Tera CAT7 (not included)   Note: Modules protrude beyond the frame
<b>2 x keystone</b>	
917.158	Module, white   With mount for 2 keystones
917.000	Module, black   With mount for 2 keystones
<b>2 x keystone with metal holder</b>	
917.061	Module, black   With mount for 2 keystones   Keystone mount with metal holder on back side of cover for high mechanical stresses
<b>2 x METZ CONNECT E-DAT module CAT6</b>	
917.038	Module with cut-out for 2 x keystone module (not included)   Note: Modules protrude beyond the frame
<b>2 x Tera CAT7</b>	
917.039	Module with cut-out, black for 2 x Tera CAT7 (not included)   Note: Modules protrude beyond the frame



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

For suitable **Keystones**, see page 181 onwards.



## Compatibility of Keystone/Custom Module with Keystone mount

Manufacturer/product designation	917.000	917.001	917.061	917.062	917.038	917.006	917.003	917.007	917.005	917.008	917.039	917.153
<b>BACHMANN version</b>												
CAT6 class E <sub>A</sub> coupling, for 10 Gbit Ethernet, shielded; item no.: 940.044	•	•	•	•								
CAT6 coupling, unshielded; item no.: 940.112	•	•										
ISDN RJ12 socket, unshielded; item no.: 940.085 (use of 2x 940.085 and 1x 940.085 and 1x 918.045 next to one another in a Custom Module with mount for 2 Keystone not possible)		•	•	•								
CAT6a 10 Gb socket TKM, shielded, for self-connection; item no.: 918.035	•	•	•	•								
CAT6a 10 Gb socket TKM, shielded, with 3.0 m cable and RJ45 plug; item no.: 918.033	•	•	•	•								
CAT6a 10 Gb socket TKM, shielded, with 5.0 m cable and RJ45 plug; item no.: 918.034	•	•	•	•								
Slot cover/blank cover, Keystone, black; item no.: 917.057	•	•	•	•								
OWG-LC duplex Keystone; item no.: 918.071	•	•	•	•								
OWG-SC Keystone; item no.: 918.072	•	•	•	•								
OWG-ST Keystone; item no.: 918.073	•	•	•	•								
TOSLINK Keystone; item no.: 918.045 (use of 2x 918.045 and 1x 918.045 and 1x 940.085 next to one another in a Custom Module with mount for 2 Keystone not possible)		•										
Keystone module USB 3.0 A/B USB; item no.: 917.400	•	•	•	•								
Keystone module 1 x HDMI; item no.: 918.041	•	•	•	•								
Keystone module 1 x 3.5mm miniature jack; item no.: 917.157	•	•	•	•								
Keystone module USB 3.0 A/A (straight-through); item no.: 917.120	•	•	•	•								
Keystone module USB 3.0 B/A; item no.: 917.401	•	•	•	•								
Keystone module USB 3.1 Type C; item no.: 917.121	•	•	•	•								
CAT6A coupling socket/socket; item no.: 940.083	•	•	•	•								
Keystone module 1 x mini DisplayPort; item no.: 917.214	•	•	•	•								
<b>Belden*</b>												
10GX Modular Jack KeyConnect; item no.: AX102283	•	•	•	•								
10GX Shielded KeyConnect Modular Jack, metallic; item no.: AX104562	•	•	•	•								
10GX KeyConnect Shielded RJ45 Coupler; item no.: AX104501	•	•	•	•								
CAT6+ Modular Jack KeyConnect; item no.: AX101321	•	•										
CAT6+ KeyConnect RJ45 Coupler; item no.: AX104215	•	•	•	•								
CAT6+ Shielded KeyConnect Modular Jack; item no.: AX104596	•	•	•	•								
USB 3.0 Coupler, A to A; item no.: AX105342-BK	•	•	•	•								
HDMI Coupler (Version 1.4); item no.: AX105345-BK	•	•	•	•								
<b>BKS*</b>												
NewLine RJpro socket category 6A; item no.: 408-5794.01/408-5790.01 with mounting clip 403-7540xx												•
NewLine MMCpro 4P socket, 2.5 GHz; item no.: 408-5840 with mounting clip 403-7540xx												•
<b>CobiNet*</b>												
RJ45 socket KS, shielded; CAT6A, GHMT-PVP-certified, 10 Gbit; ISO item no.: 6920 0052/P.1	•	•	•	•								
RJ45 socket KS, shielded; CAT6A, 10 Gbit; item no.: 6920 0052.1	•	•	•	•								
RJ45 socket KS, shielded; class EA, 10 Gbit; item no.: 6920 1052.1	•	•	•	•								
RJ45 socket KS, shielded; CAT6A, 10 Gbit; item no.: 6920 4052.1	•	•	•	•								
RJ45 socket KS, shielded; CAT6, 1 Gbit; item no.: 6920 0022.1	•	•	•	•								
RJ45 socket KS, shielded; class E PL, 1 Gbit; item no.: 6920 1022.1	•	•	•	•								
RJ45 socket KS, unshielded; CAT6, tool-free connection, 1 Gbit; item no.: 6920 0110	•	•										
RJ45 socket KS, unshielded; CAT 6, 1 Gbit; item no.: 6920 0112	•	•	•	•								
RJ45 socket KS, unshielded; CAT5e, tool-free connection, 1 Gbit; item no.: 6920 0120	•	•										
RJ45 socket KS, unshielded; CAT5e, 1 Gbit; item no.: 6920 0122	•	•	•	•								
RJ45 coupling KS, shielded; class EA; 10 Gbit; item no.: 6925 1052	•	•	•	•								
RJ45 coupler KS, shielded; class E PL; 1 Gbit; item no.: 6925 1022	•	•	•	•								
<b>COMMSCOPE*</b>												
AMP-TWIST 6S SL Jack; item no.: PN 0-1711160-1	•	•	•	•								
AMP-TWIST 6AS SL Jack; item no.: PN 0-1711592-1	•	•										

\* Name and product designation of the respective manufacturer

Manufacturer/product designation	917.000	917.001	917.061	917.062	917.038	917.006	917.003	917.007	917.005	917.008	917.039	917.153
SL series 110Connect Jack CAT6; item no.: 0-1375188-1/0-1375055-2	•	•										
USB A-A Coupler; item no.: 0-1933659-2	•	•										
SYSTIMAX® GigaSPEED XL® MGS400 series/SYSTIMAX® GigaSPEED X10D® MGS600 series							•					
SYSTIMAX® GigaSPEED X10D® HGS620 (with M-series frame HGS-A-MS-xx)							•					
<b>Corning*</b>												
xs500 Keystone module, CAXXSM-00104-C001; item no.: 712045	•	•										
S1200 module CAT7; item no.: 196001										•	•	
<b>DAETWYLER*</b>												
RJ45 module KS-TS 1/8 toolless slimline CAT6/EA, shielded; item no.: 418054	•	•	•	•								
RJ45 module KS-T 1/8 toolless CAT6/EA, shielded with dust protection cap; item no.: 418060	•	•	•	•								
Module MS-C6A 1/8 CAT6A (IEC) 180°-K (Keystone); item no.: 309249	•	•	•	•								
RJ45 module MS 1/8 CAT 6A, shielded; item no.: 309170					•	•						
RJ45 module KS-T Plus 1/8 toolless CAT6 (IEC), shielded with dust protection cap; item no.: 418061	•	•	•	•								
RJ45 module MS-K Plus C6A (IEC) TIA-A/B; item no.: 440005	•	•	•	•								
RJ45 Keystone coupling, CAT6 link/class E, 180 degrees (straight); item no.: 418056	•	•	•	•								
RJ45 module KU-T 1/8 toolless, CAT 6, unshielded; item no.: 418070/418071	•	•	•	•								
Module PS-TERA 4P CAT 7A; item no.: 1408502										•	•	
<b>3M*</b>												
RJ45 CAT6A HW STP; item no.: OCK6A-SN8	•	•										
RJ45 CAT6A PL module; item no.: OCK6A-SE8	•	•										
<b>EFB*</b>												
CAT6 RJ45 module STP, de-embedded; item no.: E-20060	•	•	•	•								
CAT6 RJ45 module UTP, snap-in, with LSA strip; item no.: E-20061	•	•	•	•								
CAT6 modular adapter STP snap-in, item no.: 37486.1	•	•	•	•								
RJ45 adapter snap-in socket/socket, shielded; item no.: 37508.2	•	•	•	•								
INFRALAN® RJ45 Keystone CAT6A; item no.: E-20091	•	•	•	•								
INFRALAN® RJ45 keystone, CAT6A/class EA; item no.: E-20070-IF	•	•	•	•								
CAT6 RJ45 Keystone STP 250 MHz; item no.: E-20072	•	•	•	•								
CAT6A snap-in, socket/socket, shielded; item no.: 37521.1V2	•	•	•	•								
HDMI snap-in adapter, black, type A socket/type A socket; item no.: EB520V2	•	•	•	•								
USB3.0 snap-in adapter, black, A socket/A socket; item no.: EB537	•	•	•	•								
CAT6 RJ45 Keystone, UTP; item no.: E-20080/E-20081	•	•	•	•								
INFRALAN® Slim, CAT6A, RJ45 Keystone; item no.: E-20095	•	•	•	•								
CAT6A/class EA RJ45 Keystone, angled; item no.: E-20074	•	•	•	•								
<b>GIGAMEDIA*</b>												
Shielded CAT6 STP RJ45 female/female Keystone coupler; item no.: GGM 6210270S00	•	•	•	•								
Unshielded CAT6 UTP RJ45 female/female Keystone coupler; item no.: GGM 6210270U00	•	•										
Shielded 10G STP RJ45 female/female Keystone coupler; item no.: GGM 6210210GS00	•	•	•	•								
CAT6A 10G Ed2.2 shielded toolless jack; item no.: GGM PRJC6A10G	•	•	•	•								
CAT6 STP toolless, shielded Keystone jack; item no.: GGM PRJC6STL	•	•	•	•								
CAT6 UTP IDC 180°, black Keystone jack; item no.: GGM 621030200	•	•	•	•								
<b>LEONI Kerpen*</b>												
Variokeystone socket module 4K7 CAT7; item no.: LKD 9A46 0061 0000					•	•						
Variokeystone socket module RJ45 CAT6A (ISO/IEC); item no.: LKD 9A46 0128 0000					•	•						
MegaLine® Connect100 socket module RJ45 CAT6A; item no.: LKD 9A90 2010 0000					•	•						
MegaLine® Connect100 socket module CAT7A; item no.: LKD 9A90 2030 0000/LKD 9A90 2020 0000					•	•						
MegaLine® Connect45 socket module keystone CAT6A (ISO/IEC); item no.: LKD 9A50 1010 0000/LKD 9A50 1020 0000	•	•	•	•								
MegaLine® Connect45 BM ISO/IEC angled CAT6A; item no.: LKD 9A50 1060 0000	•	•	•	•								
MegaLine® Connect45 BM UTP CAT6; item no.: LKD 9A50 1050 0000	•	•	•	•								

\* Name and product designation of the respective manufacturer

Manufacturer/product designation	917.000	917.001	917.061	917.062	917.038	917.006	917.003	917.007	917.005	917.008	917.039	917.153
<b>METZ CONNECT*</b>												
C6A module 180° jack; item no.: 130B11-E					•	•						
UTP module 8(8) CAT6; item no.: 130A10-29-I-B1	•	•	•	•								
E-DAT module CAT6A 8(8) socket; item no.: 130910-I/130910-I-B1					•	•						
C6A module K 180° jack – Keystone; item no.: 130B21-E	•	•	•	•								
E-DAT module CAT6A K jack – Keystone; item no.: 130910KI	•	•	•	•								
UTP module 8(8) CAT6A Keystone; item no.: 130A11-29KI	•	•	•	•								
C6A module 270°; item no.: 130 B12-E					•	•						
C6A module 90°; item no.: 130 B13-E					•	•						
C6A module K 270°; item no.: 130 B22-E	•	•	•	•								
C6A module K 90°; item no.: 130 B23-E	•	•	•	•								
<b>Nexans* (requires additional Keystone clip to fit)</b>												
LANmark-5 Evo Snap-In Connector CAT5e, unscreened, item no.: N420.550, N420.551 – with Keystone clip N429.627	•	•	•	•								
LANmark-5 Evo Snap-In Connector CAT5e, screened; item no.: N420.555, N420.556 – with Keystone clip N429.627	•	•										
LANmark-6 Evo Snap-In Connector CAT6, unscreened; item no.: N420.660, N420.661 – with Keystone clip N429.627	•	•	•	•								
LANmark-6 Evo Snap-In Connector CAT6, screened; item no.: N420.666, N420.667 – with Keystone clip N429.627	•	•										
LANmark-6 10G Evo Snap-In Connector CAT6, screened; item no.: N420.666G, N420.667G – with Keystone clip N429.627	•	•										
LANmark-6A Evo Snap-In Connector CAT6A, screened; item no.: N420.66A, N420.67A – with Keystone clip N429.627	•	•										
LANmark-7A GG45 12C Snap-In Connector CAT7A, screened; item no.: N420.735, N420.736 – with Keystone clip N429.627	•	•										
<b>Panduit*</b>												
Mini-Com TX6 plus 28/30 AWG Jack Module; item no.: CJT688TGBL								•				
NetKey Jack Modules CAT6/6A; item no.: NK688MBL/NK6X88MBL	•	•										
<b>Reichle de Masari*</b>												
CAT6 module RJ45 with mounting plate; item no.: R302372/R302373/R313064									•			
CAT6A module, RJ45 Keystone; item no.: R509509/R509508	•	•	•	•								
CAT6A module, RJ45 snap-in; item no.: R509506/509502										•	•	
Connection module CAT6A EL, 1xRJ45/s; item no.: R813504									•			
Connection module CAT6A, 1x RJ45; item no.: R509500/R509504									•			
<b>RUTENBECK*</b>												
UM CAT6A iso A; item no.: 139 003 04	•	•	•	•								
CAT6 coupling; item no.: 139 003 60	•	•	•	•								
KMK-HDMI rw; item no.: 170 106 53	•	•	•	•								
KMK-USB rw; item no.: 170 106 51	•	•	•	•								
<b>SETEC*</b>												
SeSix eXtra CAT6A keystone jack (XAKJ) shielded; item no.: 501415/501414	•	•	•	•								
Keystone connector RJ45/RJ45, CAT6A, shielded; item no.: 501492	•	•	•	•								
SeSix eXtra CAT6A Keystone jack (XAKJ) category 6A; RJ45; shielded; item no.: 501415/501415 D	•	•	•	•								
<b>Telegärtner*</b>												
AMJ module K CAT6A T568A/B; item no.: J00029K0036/J00029A0077	•	•	•	•								
AMJ coupling K CAT6; item no.: J00029A0061	•	•	•	•								
AMJ-S module 2G CAT6A T568A/B; item no.: J00029A3000/J00029A3001/J00029A2000/J00029A2001	•	•	•	•								
UMJ coupling K CAT6, f-f, item no.: J00029A0064	•	•	•	•								
USB Keystone type A, USB 3.0; f-f; item no.: J00029A0108	•	•	•	•								
<b>TKM*</b>												
RJ-MOD CAT6/6A; item no.: 4677682/4677682A	•	•	•	•								
RJ-MOD CAT6, unshielded; item no.: 4677691	•	•	•	•								

\* Name and product designation of the respective manufacturer

# Audio/image transmission

## Custom Module VGA, jack, HDMI

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



917.226

## Custom module 1 x VGA + miniature jack

#	
917.058	90° lateral outlet, only compatible with power strips with lateral 90° outlet   Front side: VGA socket and 3.5 mm stereo miniature jack   Back side: VGA socket and 3.5 mm stereo miniature jack with approx. 0.2 m cable   Requires approx. 40 mm mounting depth   Black
917.150	Front side: VGA socket and 3.5 mm stereo miniature jack   Back side: VGA socket and 3.5 mm stereo miniature jack, each with approx. 0.2 m cable   Requires approx. 50 mm mounting depth   Black
917.045	Front side: VGA socket and 3.5 mm stereo miniature jack   Back side: VGA socket and 3.5 mm stereo miniature jack with approx. 0.1 m cable   Requires approx. 70 mm mounting depth   Black



917.058

## Custom Module 1 x VGA + miniature jack and button

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



917.134

## Custom Module 1 x VGA

#	
917.011	Front side: VGA socket   Back side: VGA socket   Requires approx. 70 mm mounting depth   Black



917.011

## Custom Module 1 x DVI-I

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



917.078

## Custom Module 1 x HDMI

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



917.146




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



**PLEASE NOTE** Only Keystones / Custom Modules with an even flush can be used in combination with PIX / KAPSA / DUE with a lid and POWER FRAME COVER! For compatibility, see 193 onwards.


### Custom module 1 x HDMI + miniature jack

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

### Custom Module 1 x DisplayPort

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


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

#		
917.026	Black   Front side: Cinch video (yellow) + 2 x cinch audio stereo (red + white) socket   Back side: Cinch video + 2 x cinch audio stereo socket without cable	 917.026

### Custom Module 1 x Cinch video RGB

#		
917.090	Front side: Cinch video RGB socket (red/green/blue)   Back side: Cinch video RGB socket (red/green/blue)   Requires approx. 65 mm mounting depth   Black	 917.090

### Custom Module 1 x SAT/TV/radio

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

### Custom Module 1 x TV/radio

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

### Custom Module 1 x Cinch audio stereo

- Front side: Cinch audio stereo socket (red + white)

#		
917.022	Black   Back side: Cinch audio stereo (red + white) socket without cable   Requires approx. 55 mm mounting depth	 917.022



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



**PLEASE NOTE** Only Keystones / Custom Modules with an even flush can be used in combination with PIX / KAPSA / DUE with a lid and POWER FRAME COVER! For compatibility, see 193 onwards.

**Custom Module 1 x 3.5 mm miniature jack**

- Front side: 3.5 mm audio stereo miniature jack socket

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



917.091



917.023

**Custom Module 1 x XLR 3-pole microphone**

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



917.024

**Custom Module 1 x XLR socket**

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

#	
917.096	3-pole   Black
917.101	5-pole   Black



917.096

**Custom Module for Rextron HDBaseT**

- Cable lengths 1 m

#	
903.204	VGA analogue   Custom Module VGA, miniature jack and button   1 x VGA 15-pole socket/plug   1 x 3.5 mm miniature jack socket/plug   1 x blue illuminated button with RJ11 plug
903.205	HDMI digital   Custom Module HDMI, button   1 x HDMI socket/plug   1 x blue illuminated button with RJ11 plug
903.206	DisplayPort digital   Custom Module DisplayPort, button   1 x DisplayPort socket/plug   1 x blue illuminated button with RJ11 plug



903.204



903.205



903.206



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



**PLEASE NOTE** Only Keystones / Custom Modules with an even flush can be used in combination with PIX / KAPSA / DUE with a lid and POWER FRAME COVER! For compatibility, see 193 onwards.

# Data transmission

## Custom Modules for data transmission

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



917.059



917.122

# Power transmission

## Custom Modules USB Charger

#	
<b>USB-A&amp;C 22 W Custom Module</b>	
917.227	Front side: 1 x USB-A socket, 1 x USB-C socket   Back side: GST18i3 plug with approx. 0.2 m cable   Black
<b>USB double charger 5 V   2.4 A</b>	
917.224	Input voltage: 100–250 V~/50–60 Hz   Output: 5 V DC/max. 2.4 A   Front side: 2 x USB-A socket   Back side: GST18i3 plug with approx. 0.2 m cable



917.227



917.224



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



**PLEASE NOTE** Only Keystones / Custom Modules with an even flush can be used in combination with PIX / KAPSA / DUE with a lid and POWER FRAME COVER! For compatibility, see 193 onwards.



# Buttons/switches

## Custom Modules with buttons/switches

#	
<b>Stainless steel button</b>	
917.046	Black   Front side: Stainless steel button   Switching capacity: 50 mA/24 V/DC   Back side: Terminal pins 2-pole   Requires approx. 30 mm mounting depth
<b>Stainless steel button, blue illuminated</b>	
917.047	Black   Front side: Stainless steel button, blue illuminated (ring illuminated)   Switching capacity: 50 mA/24 V/DC   Back side: Terminal pins 4-pole   Requires approx. 30 mm mounting depth
<b>Switch (for switching external devices)</b>	
917.135	Black   Front side: 2-pole rocker switch, green   Back side: Approx. 1.0 m H05VV-F 4 x 1.50 mm <sup>2</sup> cable with ferrules (labelled)   Requires approx. 60 mm mounting depth
<b>Button for automatic switch-off</b>	
917.060	Black   Front side: Button, black   Back side: Plug-in connector GST15i2 with approx. 1.0 m cable (suitable for socket strips)   With automatic switch-off, e.g. STEP automatic switch-off 906.005   Requires approx. 40 mm mounting depth
<b>4-key keypad</b>	
917.195	Front side: 4 floating buttons, white, blue illuminated   Feedback LED with adjustable voltage   Back side: Plug-in terminal
917.198	Front side: 4 floating buttons, white, blue illuminated   Back side: 4 x RJ11 socket
917.193	Black   4-way universal pushbutton module   For connecting to all controller-programmable buttons, illuminated blue   Incl. various inserts with pictograms   With RS232 interface   To connect the RS232 interface, item no. 903.111 (Media Converter Controller) is required
<b>4-way keypad for KNX application</b>	
917.056	Black   Front side: 4 buttons, white, blue illuminated   Programmable for KNX installations; with integrated bus coupler   Voltage supply: System voltage 30 V DC via bus plug-in terminal   Back side: Bus plug-in terminal, 2-pole   Requires approx. 35 mm mounting depth



917.195



917.198



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



**PLEASE NOTE** Only Keystones / Custom Modules with an even flush can be used in combination with PIX / KAPSA / DUE with a lid and POWER FRAME COVER! For compatibility, see 193 onwards.

# Cable glands

## Custom Module 1 x cable gland

#	
917.032	Up to Ø 11 mm   Module with drill hole and 2-part cable gland for cables up to Ø 11 mm
917.033	Up to Ø 22 mm   1 x 2-part cable gland, ideal for feeding through cables up to Ø 22 mm   Ideally suited for VGA cables



917.033

## Custom Module 3 x cable gland

#	
917.082	2 x up to Ø 9 mm   1 x up to Ø 14 mm   Module with cut-out for feeding cables through



917.082










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



**PLEASE NOTE** Only Keystones / Custom Modules with an even flush can be used in combination with PIX / KAPSA / DUE with a lid and POWER FRAME COVER! For compatibility, see 193 onwards.

## Compatibility of Custom Modules/Keystones with products with lids

	PIX with lid (#926.XXX)	KAPSA with lid (#927.XXX)	POWER FRAME COVER (#915.XXX)	DUE with lid (#929.XXX)
903.204 Custom Module VGA analogue				
903.205 Custom Module HDMI digital				
903.206 Custom Module DisplayPort digital				
917.009 Custom Module blank cover	•	•	•	•
917.010 Custom Module blank cover with screw dome	•	•	•	•
917.011 Custom Module 1 x VGA				
917.018 Custom Module 1 x USB 2.0 A/B		•	•	
917.019 Custom Module 1 x USB 2.0 B/A		•	•	
917.022 Custom Module 1 x Cinch audio stereo				
917.023 Custom Module 1 x 3.5mm miniature jack			•	
917.024 Custom Module 1 x XLR 3-pole microphone			•	
917.026 Custom Module 1 x Cinch video + 2 x Cinch audio stereo				
917.030 Custom Module 1 x SAT/TV/radio				
917.032 Custom Module 1 x cable gland for cables with diameter up to 11 mm				
917.032 Custom Module 1 x cable gland for cables up to Ø 22mm				
917.045 Custom Module 1 x VGA + miniature jack			•	
917.046 Custom Module with stainless steel button				
917.047 Custom Module with stainless steel button, blue illuminated				
917.056 Custom Module with 4-key keypad for KNX application	•	•	•	•
917.057 Keystone slot cover 	•	•	•	•
917.060 Custom Module with automatic switch-off button				
917.078 Custom Module 1 x DVI-I			•	
917.082 Custom Module cable gland				
917.090 Custom Module 1x Cinch video RGB				
917.091 Custom Module 1 x 3.5mm miniature jack			•	
917.096 Custom Module 1 x XLR 3-pole socket			•	
917.101 Custom Module 1 x XLR 5-pole socket			•	
917.117 Custom Module 1 x TV/radio				
917.120 Keystone module USB 3.0 A/A 	•	•	•	•
917.121 Keystone Module USB 3.1 Type C 	•	•	•	•
917.134 Custom Module 1 x VGA + miniature jack and button				
917.135 Custom Module Switch				
917.141 Custom Module 2x USB 2.0 A/A	•	•	•	•
917.143 Custom Module 1 x HDMI	•	•	•	•
917.145 Custom Module 1 x DisplayPort	•	•	•	•
917.150 Custom Module 1 x VGA + miniature jack			•	
917.157 Keystone module 1 x 3.5mm miniature jack 			•	
917.193 Custom Module with 4-key keypad	•	•	•	•
917.195 Custom Module with 4-key keypad	•	•	•	•
917.198 Custom Module with 4-key keypad	•	•	•	•
917.214 Keystone module 1 x mini DisplayPort 	•	•	•	•
917.224 Custom Module USB-A Charger	•	•	•	•
917.226 Custom Module VGA, jack, HDMI			•	
917.227 Custom Module USB-A&C Charger	•	•	•	•
917.400 Keystone module USB 3.0 A/B 		•	•	
917.401 Keystone module USB 3.0 B/A 	•	•	•	•
918.033 CAT6a 10 GB patch cable plug/socket 3.0 m 	•	•	•	•

	PIX with lid (#926.XXX)	KAPSA with lid (#927.XXX)	POWER FRAME COVER (#915.XXX)	DUE with lid (#929.XXX)
918.034 CAT6a 10 GB patch cable plug/socket 5.0 m <a href="#">K</a>	•	•	•	•
918.035 CAT6a 10 Gb TKM socket <a href="#">K</a>	•	•	•	•
918.041 Keystone module 1x HDMI <a href="#">K</a>	•	•	•	•
918.045 Keystone module TOSLINK <a href="#">K</a>	•	•	•	•
918.071 Keystone module OWG-LC duplex <a href="#">K</a>			•	
918.072 Keystone module OWG-SC <a href="#">K</a>			•	
918.073 Keystone module OWG-ST Duplex <a href="#">K</a>			•	
940.044 Keystone module CAT6 coupling <a href="#">K</a>	•	•	•	•
940.083 Keystone module CAT6 coupling <a href="#">K</a>	•	•	•	•
940.085 Keystone module ISDN RJ12 <a href="#">K</a>	•	•	•	•
940.112 Keystone module CAT6 coupling <a href="#">K</a>	•	•	•	•



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

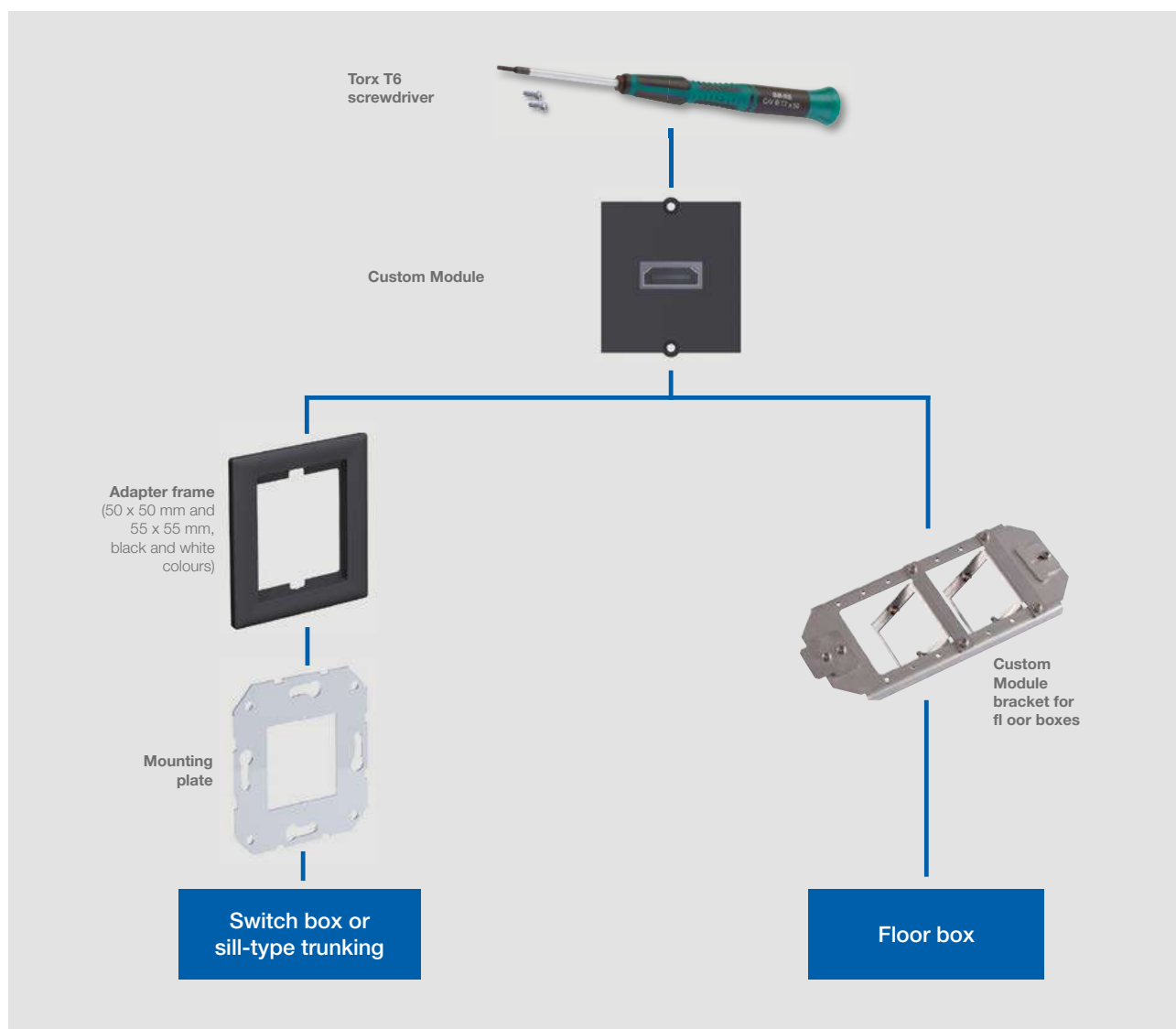
# Installation options – switch manufacturers

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

By using the 50 x 50 mm and 55 x 55 mm adapter frames available as standard, the Custom Modules are an ideal complement to the current switch ranges of reputable manufacturers. The connections to the rear can be made either as socket/socket or by means of screw terminals. No complicated soldering or conversion is required. A list of the compatibility of Custom

Modules with different switch manufacturers is available on the previous pages.

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



## Custom Modules mounting plate for switch range | Stainless steel

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



917.064

## Adapter frame for switch range | Plastic

#	
917.168	External dimensions: 50 x 50 mm   White, similar to RAL9010   For fitting in standard switch ranges (50 x 50 mm internal dimensions) together with stainless steel mounting plate 917.064   Please check the compatibility list on page 201 onwards
917.169	External dimensions: 55 x 55 mm   White, similar to RAL9010   For fitting in standard switch ranges (55 x 55 mm internal dimensions) together with stainless steel mounting plate 917.064   Please check the compatibility list on page 201 onwards
917.065	External dimensions: 50 x 50 mm   Black, similar to RAL9005   For installation in standard switch ranges (50 x 50 mm internal dimensions) together with the stainless steel mounting plate 917.064   Please check the compatibility list on page 201 onwards
917.066	External dimensions: 55 x 55 mm   Black, similar to RAL9005   For fitting in standard switch ranges (55 x 55 mm internal dimensions) together with stainless steel mounting plate 917.064   Please note the compatibility list



917.168



917.065



917.066

## Custom Module bracket for floor boxes

#	
<b>Black plastic</b>   3 x Custom Module	
917.140	Mounting for Electraplan floor-box systems   For mounting 3 Custom Modules (transverse mounting)   Incl. Torx M2 screws for Custom Modules
<b>Steel sheet</b>   3 x Custom Module	
917.067	For fitting in OBO Bettermann device case/floor-box systems   For mounting 3 Custom Modules (transverse mounting)   Incl. Torx M2 screws   Combination of steel sheet with VGA and DVI Custom Modules not possible



917.140



917.067

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

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



Manufacturer/switch range	BACHMANN Adapter frame** Colour black	BACHMANN Adapter frame** Colour white	+ Adapter manufacturer number
<b>Jung</b>			
A creation	917.066	917.169	–
LS-design	917.066	917.169	AL2961Z5-L ES2961Z5-L
LS 990	917.066	917.169	LS961Z5WW LS961Z5SW LS961Z5AL
LS plus	917.066	917.169	AL2961Z5-L ES2961Z5-L
FD-design	917.066	917.169	AL2961Z5-L ES2961Z5-L
CD 500	917.065	917.168	590ZCD 590ZWW
LS 990	917.065	917.168	LS961Z LS961ZWW LS961ZLG LS961ZSW
LS 990	917.065	917.168	LS961Z5 LS961Z5WW LS961Z5SW
Aluminium	917.065	917.168	LS961Z LS961ZWW LS961ZLG LS961ZSW
Aluminium	917.066	917.169	LS961Z5 LS961Z5WW LS961Z5SW AL2961Z5-L ES2961Z5-L
Stainless steel	917.065	917.168	LS961Z LS961ZWW LS961ZLG LS961ZSW
Stainless steel	917.066	917.169	LS961Z5 LS961Z5WW LS961Z5SW AL2961Z5-L ES2961Z5-L
Anthracite	917.065	917.168	LS961Z LS961ZWW LS961ZLG LS961ZSW
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
<b>Merten</b>			
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
<b>PEHA</b>			
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
<b>Presto-Vedder</b>			
Regina classic	917.065	917.168	730RW 730RUW
Alessa	917.065	917.168	230RUW
Alessa plus	917.065	917.168	230RUW
Fiorenza	917.065	917.168	3030RUW 3030RW 3030RSI 3030RSGR
<b>Siemens</b>			
DELTA line	917.065	917.168	5TG2557 5TG2587 5TG1160 5TG1150
DELTA vita	917.065	917.168	5TG2557 5TG1160 5TG1150
DELTA miro	917.065	917.168	5TG2557 5TG2587 5TG1160 5TG1150
DELTA style	917.065	917.168	5TG1326 5TG1326-1 5TG1366
DELTA style	917.066	917.169	5TG1327 5TG1327-1 5TG1367
DELTA profile	917.065	917.168	5TG1806 5TG1866 5TG1766 5TG1836 5TG1706-1 5TG1746-1
DELTA profile	917.066	917.169	5TG1893 5TG1885 5TG1762 5TG1835 5TG1705-1 5TG1745-1

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

# Accessories

## Keystone blind cover

#	
917.057	Slot cover   Slot cover, clips into an empty keystone slot   Can be used as a placeholder for sockets inserted subsequently

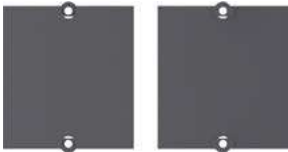


917.057

## Custom Module blind cover

- Blind cover as a placeholder or for you to mount your own plug connectors
- Material: Plastic | Material thickness: 1.8 mm

#	
917.009	Black
917.010	Black   With screw dome   Screw dome on back side of module for fixing (e.g. boards or blank holders)



917.009



917.010

## CABLE RETRACTOR Custom Module

#	
917.299	For the integration of cable retractor modules into TOP FRAME, POWER FRAME and PIX with Custom Module   Suitable for AMX® Retractor models: HDMI 4K, DisplayPort, Mini DisplayPort, VGA with audio jack, USB 3.0, RJ45 Ethernet Cat.6



917.299

## Torx T6 screws for Custom Modules

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



917.041

917.111

## Torx T6 screwdriver

#	
917.040	Torx T6 screwdriver to fit the screws on the Custom Modules   Black



917.040



See the glossary for detailed information on use/application.

# Rextron HDBaseT

The Plug & Play solution for meeting points and meeting rooms.

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

## BENEFITS

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

### Rextron HDBaseT transmitter

- Output: HDMI + HDBaseT via RJ45
- Max. cable length 70 metres

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



903.211

### Rextron HDBaseT receiver

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



903.201

### Mounting accessories

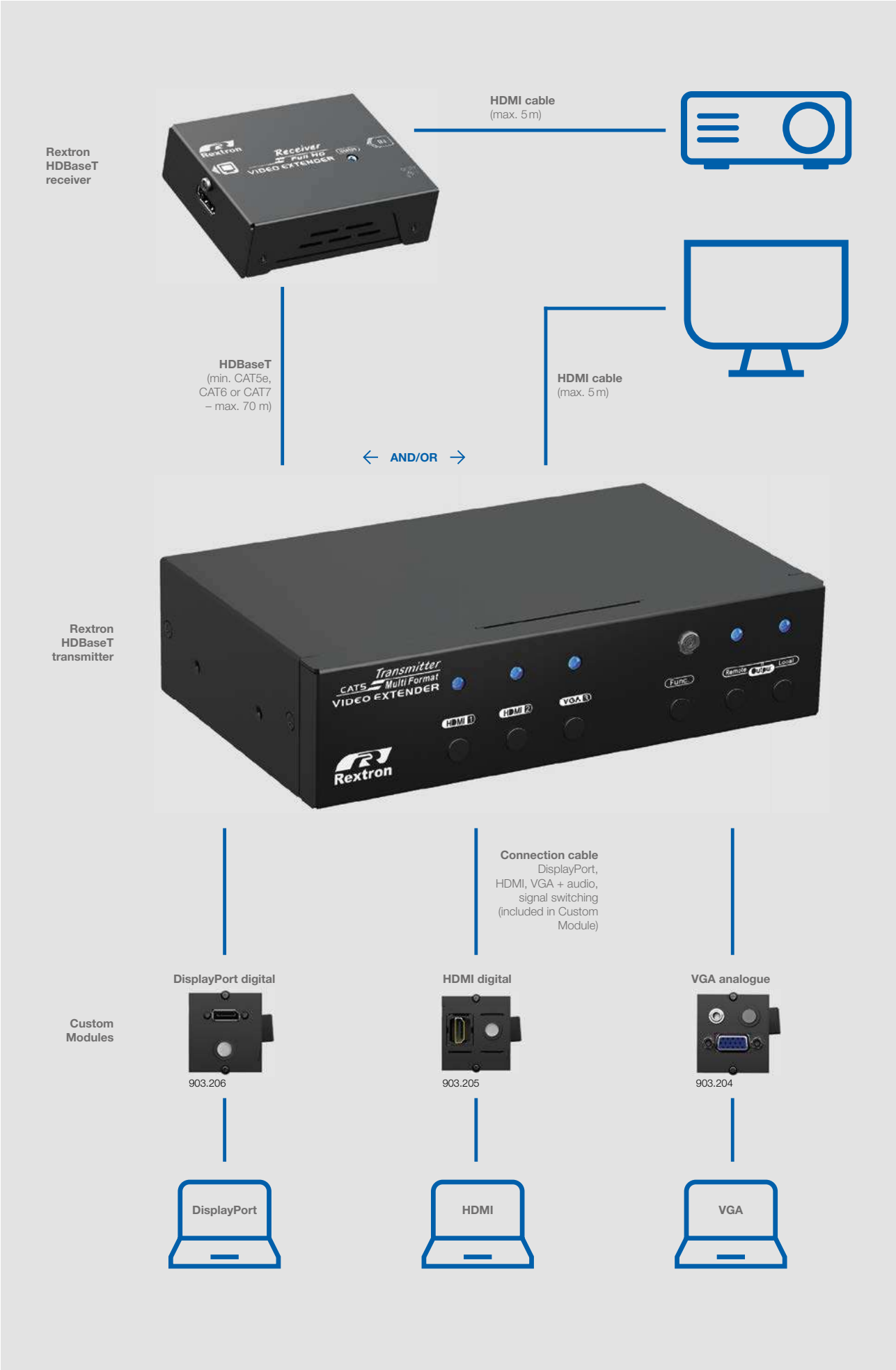
#	
903.203	Mounting bracket for Rextron HDBaseT transmitter   2 units



903.203


For suitable **audio/video cables**, see page 204 onwards.

For suitable **Custom Modules**, see page 189.



# Patch cable

## Patch cables

#	
	
<b>CAT5e patch cable plug/plug</b>   Cable CAT5e shielded   Conforms to ISO/IEC 11801 and EN 50173   Ends 1 and 2: RJ45 plug with protective rubber sleeve and protective tongue for interlock	
918.003	1.0 m   Grey
940.052	3.0 m   Grey
940.053	5.0 m   Grey
<b>CAT6a patch cable plug/plug</b>   Cable CAT7 shielded   Conforms to IEC 61156-6   Ends 1 and 2: RJ45 Hirose TM12 CAT6a plug with protective rubber sleeve and unlocking tongue   Suitable for 940.044, for instance	
918.006	1.0 m   Black
918.007	3.0 m   Black
918.008	5.0 m   Black
<b>CAT6 patch cable plug/plug</b>   Cable CAT6 shielded   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 940.044, for instance	
940.040	3.0 m   Grey
940.041	5.0 m   Grey
<b>RJ12 patch cable plug/plug</b>   Cable RJ12 unshielded   Conforms to ISO/IEC 11801 and EN 50173   Ends 1 and 2: RJ12 plug with protective rubber sleeve   Suitable for 940.085, for instance	
940.089	3.0 m   Black



918.003



940.040




918.006



940.089

# USB cable

## USB 3.0 connection cable

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



918.176



918.081



917.1205

For suitable **Keystones and keystone mounts**, see 181 onwards.

USB 3.1 Type C connection cable

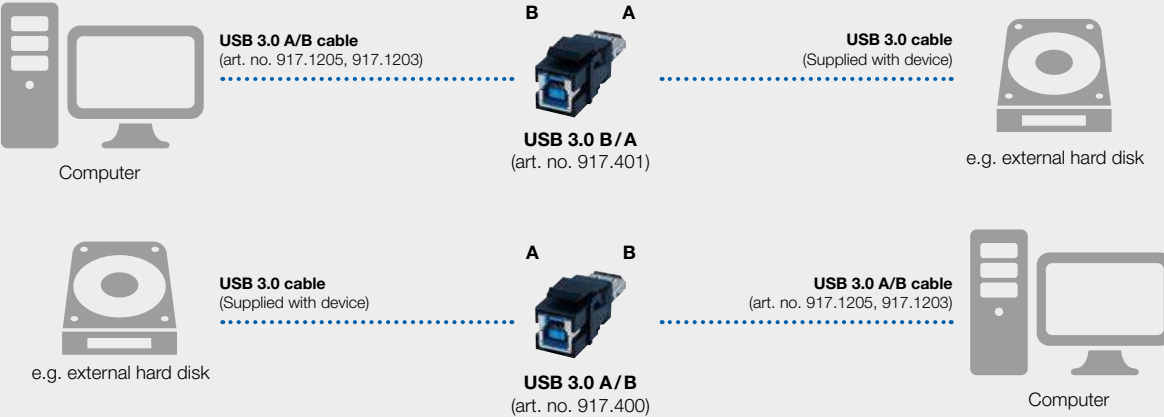
#	
	<div> <div></div> <div></div> </div>
<b>USB 3.1 connection cable</b>   End 1: USB Type C plug   End 2: USB Type C plug	
918.190	0.5 m   Black   Plug, black



Connection with A/A Keystone module for USB 3.0 connection



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



Connection with USB 3.1 Type C Keystone Module




For suitable **Keystones**, see page 181 onwards.

# HDMI cable

## HDMI connection cable

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

#	
	
<b>HDMI High Speed cable</b>   3,840x2,160px (ultra-HD)   Ends 1 and 2: 19-pole HDMI plug	
918.019	3.0 m   Black
918.020	5.0 m   Black
<b>HDMI cable</b>   Long distance   Solid metal   HDMI Standard 3,840 x 2,160 px (ultra-HD)   Ends 1 and 2: 19-pole HDMI plug	
918.0201	7.5 m   Black
<b>HDMI Premium High Speed cable</b>   3,840x2,160px (ultra-HD)   Ends 1 and 2: 19-pole HDMI plug	
918.0191	1.0 m   Black
918.0192	3.0 m   Black
918.0193	5.0 m   Black



918.0191

# DisplayPort cable

## DisplayPort digital cabling

- DisplayPort connection cable
- 3,840x2,160px (ultra-HD)
- Can be used with Custom Modules with DisplayPort socket/socket (e.g. 917.145)
- Ends 1 and 2: 20-pole DisplayPort plug

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




918.0951

# DVI-I cable

## DVI-I connection cable

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

#	
	
<b>Ends 1 and 2: 1 x DVI plug</b>	
918.017	3.0 m   Black
918.018	5.0 m   Black



918.017



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



# VGA cable

## 15-pole VGA HD extension cable

#	
	<div> <div></div> <div></div> </div>
<b>1 x VGA</b>   For connecting: Connection panel to laptop, connection panel to signal booster, signal booster to monitor/TV (optional)   Ends 1 and 2: 1 x VGA plug 15 HD	
918.009	1.0 m   Black
940.047	3.0 m   Black
940.048	5.0 m   Black



918.009

## High-quality combination cable

#	
	<div> <div></div> <div></div> </div>
<b>1 x VGA</b>   1 x miniature jack   For connecting: Connection panel to laptop, connection panel to signal booster, signal booster to monitor/TV (optional)   Ends 1 and 2: 1 x VGA plug 15 HD, 1x miniature jack plug 3.5 mm   Plug with metal housing and shielding	
940.176	1.0 m   Black
918.067	3.0 m   Black
918.068	5.0 m   Black
918.069	10.0 m   Black
<b>1 x VGA</b>   1 x miniature jack   1 x control signal   Ends 1 and 2: 1 x VGA plug 15 HD, 1 x miniature jack plug 3.5 mm; 1 x RJ12   Plug with metal housing and shielding   Additional ferrite cores are not needed   Can be used for Custom Modules with VGA   + miniature jack socket/socket and button (e.g. 917.134)	
903.108	3.0 m   Black
903.109	5.0 m   Black
903.110	10.0 m   Black



918.069

# Audio cable

## 3.5 mm miniature jack connection cable

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

#	
	<div> <div></div> <div></div> </div>
<b>Ends 1 and 2: 3.5 mm stereo miniature jack plug</b>	
918.010	1.5 m   Black
918.011	2.5 m   Black
918.012	5.0 m   Black



918.010

For suitable **Custom Modules**, see page 178.

# Independent Systems





## **Independent Monitor**

---

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## **Independent Workplace**

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# Independent Monitor

Whether in presentations, video conferences or on websites:  
the act of sharing visual content with colleagues, customers and partners is key to the world of work today.

The Independent Monitor from BACHMANN offers a new, flexible approach to teamwork: the battery means the monitor can be used wherever it is needed, irrespective of rigid infrastructure such as sockets, network connections or cabled devices. It is easy to operate and, thanks to a battery life of 6 to 8 hours, can be used to present information without wires for an entire working day.

The integrated status display on the battery provides a constant overview of the remaining operating time for the Independent Monitor. Batteries can be fully charged at night to ensure reliable, efficient use during the day. A high-resolution display and integrated loudspeakers present audio and video content in high quality.

## BENEFITS

- **Plug & Play**
- **Position anywhere**
- **Long battery life**
- **Can be upgraded with various technical components**
- **Electronic height adjustment**



For suitable **application components**, see page 210 onwards.

You will find more information in our **Next Generation Office brochure** or at [www.bachmann.com](http://www.bachmann.com).

# Application components

## Battery

#	
700.0010	LI1000 battery   Portable battery, battery capacity 967 Wh, battery voltage 42–58 VDC   Black, similar to RAL9005
700.0110	Charger TL 150 portable   Mobile charging of the LI1000 battery   Black, similar to RAL9005



700.0010



700.0110

## Media caddy

- Mobile with base plate
- Prepared for DC displays up to 58" with monitor box and docking station including electric height adjustment
- Powder-coated steel sheet
- VESA hole distances 300 x 100 mm, 300 x 200 mm, 300 x 300 mm, 300 x 400 mm, 300 x 500 mm, 400 x 100 mm, 400 x 200 mm, 400 x 300 mm, 400 x 400 mm, 400 x 500 mm

#	
700.3002	Black, similar to RAL9005



700.3002

## Display

#	
700.4000	SWEDX SDS58K8-01 Monitor   Professional 58" LED display   Picture format 16:9   Ultra-HD resolution: 3,840 x 2,160   Brightness: 350 cd/m²



700.4000

**Media equipment**

#	
903.700	Barco ClickShare CS-100   Wi-Fi presentation system
903.800	Bright Sign LS423   Digital Signage Player



903.700



903.800

**Accessories**

#	
---	--

**Connecting cable**

149.0000	Connecting cable for SWEDX SDS58K8-01 monitor   0.6 m
149.0001	Connecting cable for Barco ClickShare CS-100
918.200	HDMI 2.0 cable   1.0 m   Black
918.201	HDMI 2.0 cable   3.0 m   Black
149.0004	Connecting cable for SWEDX SDS58K8-01 monitor   2.0 m

**Media equipment accessories**

903.710	Barco ClickShare Extra Button   USB dongle
903.711	Barco ClickShare tray
903.712	Barco ClickShare Bundle   2 x button   1 x storage tray
903.810	Bright Sign Wi-Fi antenna

**Media caddy accessories**

700.9000	Shelf   Steel sheet in black similar to RAL9005
----------	---



903.710



903.711



903.712



903.810



700.9000



# Configuration options

Do you want to configure the Independent Monitor to suit your requirements and use it in various situations? BACHMANN offers many options to fulfil your wishes.

⋮

## Overview of configuration options

Application components	Basic Bundle 701.0011	Digital Signage Bundle 701.0013	Meeting Bundle 701.0015	Furniture Bundle 701.0017
<b>Battery</b>				
700.0010 LI1000 battery	•	•	•	•
700.0110 TL150 portable charger	•	•	•	•
<b>Media caddy</b>				
700.3002 Media caddy   Black, similar to RAL9005	•	•	•	
<b>Display</b>				
700.4000 SWEDX SDS58K8-01 monitor	•	•	•	•
<b>Media equipment</b>				
903.700 Barco Clickshare CS-100			•	
903.800 Bright Sign LS423		•		
<b>Accessories</b>				
700.9000 Shelf   Black, similar to RAL9005			•	
903.810 Bright Sign Wi-Fi antenna		•		
149.0000 Connection cable for SWEDX SDS58K8-01 monitor   0.6 m	•	•	•	
149.0004 Connection cable for SWEDX SDS58K8-01 monitor   2.0 m				•
149.0001 Connection cable for Barco Clickshare CS-100			•	•
918.200 HDMI 2.0 cable   1.0 m		•	•	
918.201 HDMI 2.0 cable   3.0 m				•
700.2010 Docking station   Black, similar to RAL9005				•

### Battery

700.0010



### Charger

700.0110



### Docking station

700.2010



### Shelf

700.9000



### Barco Clickshare

903.700

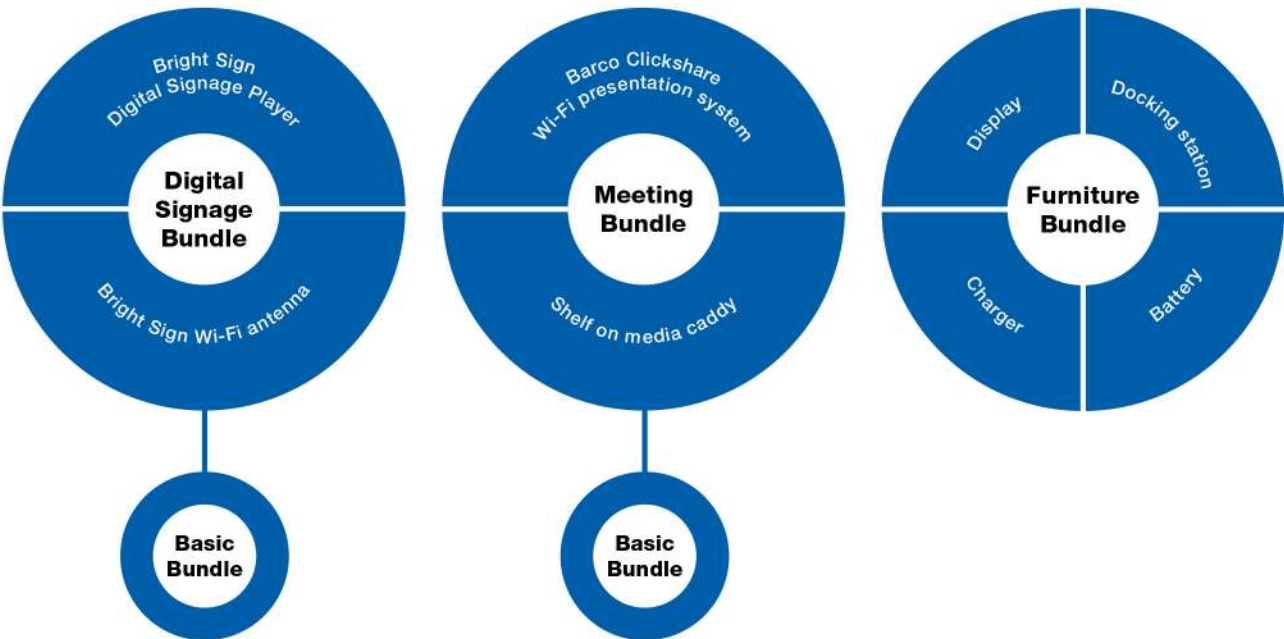
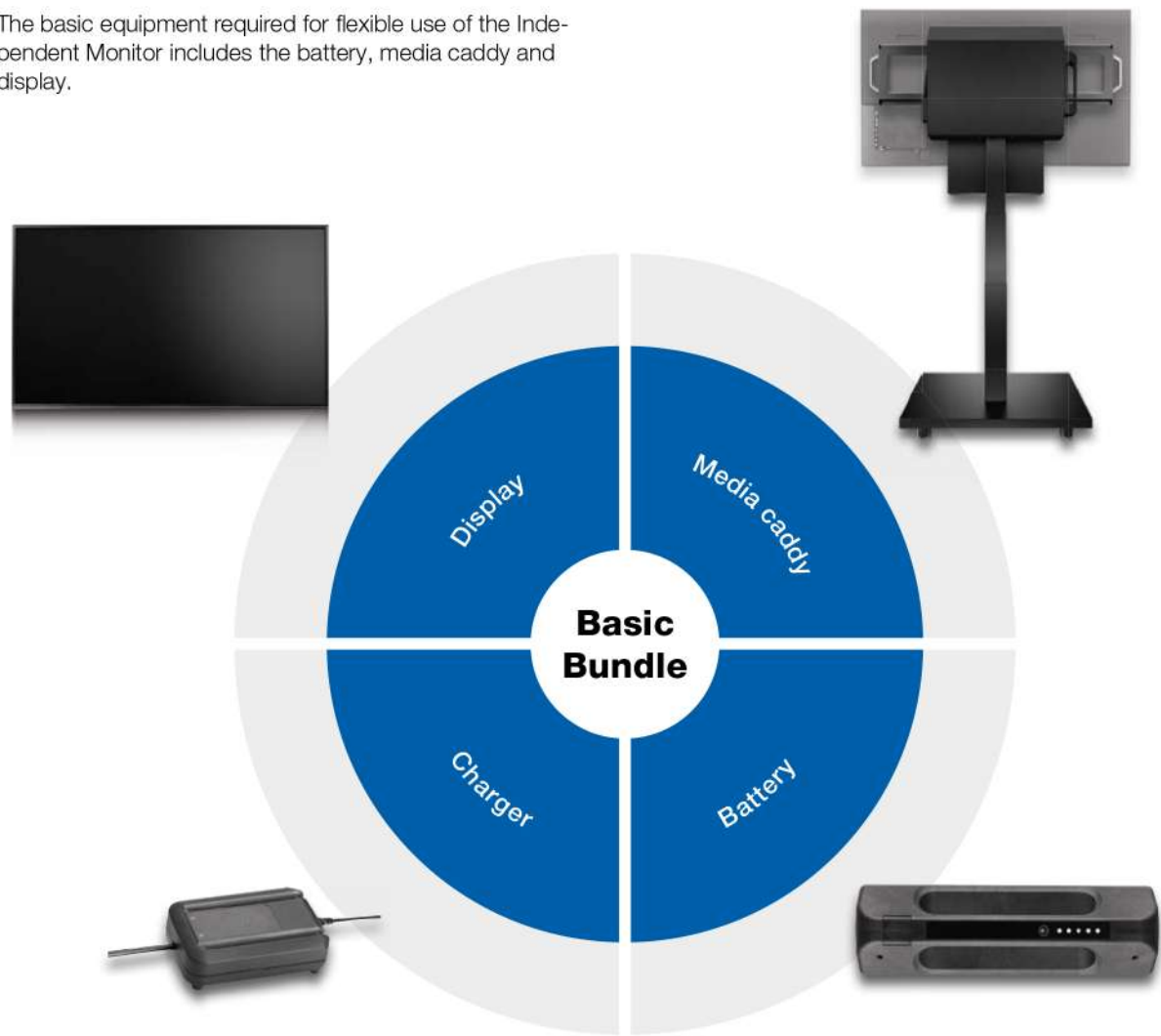


### BrightSign

903.800



The basic equipment required for flexible use of the Independent Monitor includes the battery, media caddy and display.





# Independent Workplace

Project-based, flexible working, whether in a team or alone – with the Independent Workplace from BACHMANN, cutting-edge features are no longer just a vision of the future. Various scenarios can already be incorporated into daily routines today. From mobile touchdown areas to fully fledged workplaces: the Independent Workplace's modular system enables maximum flexibility.

Irrespective of the power supply system and traditional building infrastructure, the wireless workplace can be flexibly and portably positioned wherever it is needed. The Independent Workplace is supplied as an expandable system kit. It comprises coordinated components that ensure the desired mobility and spontaneity. Thanks to an innovative battery system, it lasts a full working day.

A Power Distribution Unit in the form of a multi-converter is the interface between various end devices and the power supply. Unregulated battery voltage is converted appropriately and supplies compatible hardware with the required operating voltage.

## BENEFITS

- **Mobile, thanks to the wireless design**
- **Supports contemporary working philosophies**
- **Flexible in the event of workplace reorganisation**
- **Maximises flexibility and spontaneity**
- **Flexible response to new work situations**

# Application components

## Battery

#	
700.0010	LI1000 battery   Portable battery, battery capacity 967 Wh, battery voltage 42–58 VDC   Black, similar to RAL9005
700.0110	Charger TL 150 portable   Mobile charging of the LI1000 battery   Black, similar to RAL9005
700.0111	Charger TL 150 fix   Charger for stationary charging of the battery LI1000   Black, similar to RAL9005



700.0010



700.0110

## Display

#	
700.4010	Hannspree HP275CJB   Professional 27" LED display   Picture format 16:9   Resolution 1,920 x 1,080 full HD   USB Type-C powered



700.4010

## Power distribution

#	
700.1010	Multi-Converter   1 x WIELAND GST15i2 (12 VDC / max. 1.5 A), 1 x WIELAND GST15i2 (24 VDC / max. 4.5 A), 3 x USB-A charger, 3 x USB-C charger PD 2.0   Black, similar to RAL9005
700.2010	Docking station   Mount for LI1000 battery   Connection for Multi-Converter or Charger TL 150 fix   Black, similar to RAL9005




700.1010



700.2010

**Accessories**

#	
	
<b>Connecting cable</b>	
918.201	HDMI 2.0 cable   3.0 m   Black
918.200	HDMI 2.0 cable   1.0 m   Black
149.0005	Connection cable Linak CBD6S   2.0 m   Black
149.0006	Connecting cable LogicData SMARTNEO   2.0 m   Black
918.202	USB 2.0 Type C connection cable   2.0 m   Black
<b>USB 3.1 connection cable</b>   End 1: USB Type C plug   End 2: USB Type C plug	
918.190	0.5 m   Black   Plug, black
<b>Multiport adapter</b>	
903.900	Startech Dual Monitor USB-C multi-port adapter   USB-C to dual 4K HDMI adapter   100 W PD 3.0   2 x HDMI, 2 x USB-A, 1 x RJ45   DP Alt Mode Switch
<b>ZG1 Monitor Arm</b>	
945.001	Monitor Arm; black, similar to RAL9004
945.002	Monitor Arm; white, similar to RAL9003
945.003	Monitor Arm, glossy chrome
<b>Charger TL 150 accessories</b>	
700.0112	Holder for Charger TL 150 fix   Mount for the Charger TL 150 fix



918.190

945.003  
Glossy chrome

You will find more information in our **Next Generation Office brochure** or at [www.bachmann.com](http://www.bachmann.com).

# Configuration options

## Overview Independent Workplace

#	Description	Independent Workplace Touch Down Bundle 701.1000	Independent Workplace Single Display Bundle 701.1001	Independent Workplace Dual Display Bundle 701.1002	Independent Workplace Ladestation Bundle 701.1003
700.0010	LI1000 battery	•	•	•	
700.1010	Multi-converter	•	•	•	
700.2010	Docking station	•	•	•	•
700.0110	TL150 portable charger	•	•	•	
700.0111	TL150 Fix charger				•
700.0112	Holder for Charger TL 150 fix				•
700.4010	Hannspree HP275CJB		•	• •	
903.900	Startech dual-monitor USB-C multi-port adapter			•	
918.201	HDMI 2.0 cable   3,0 m		•	• •	
918.202	USB 2.0 Type C connection cable		•	• •	
918.190	USB 3.1 Type C connection cable		•	•	

# Monitor Arms







**ZG1**

ZG1 MONITOR ARM	220
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# ZG1 MONITOR ARM

The ZG1 Monitor Arm not only features impressive ergonomics and convenient positioning. Its design is also a real highlight. In keeping with the Clean Desk principle, cables are simply hidden by cover plates that can be removed easily. Magnetic covers complete the appealing, contemporary design.

Functionally, its stability is impressive: based on spring-force technology, the arm can even support large monitors (3–11 kg, < 34") with ease. The 360° rotation with the smart 180° lock feature ensures individual and secure positioning. The ZG1 Monitor Arm is easy to mount using the handy mounting-tool set behind the removable covers.

To avoid collisions under the desk, the mounting brackets are affixed to the tabletop edge from above.

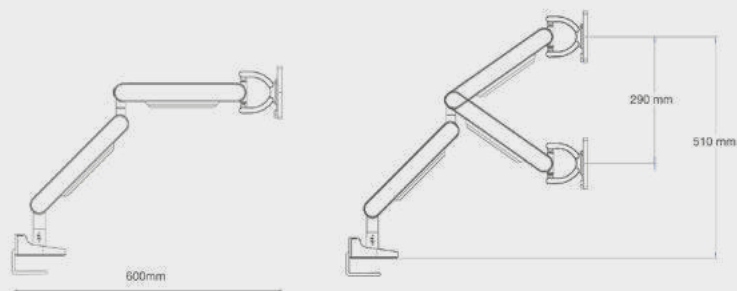
## BENEFITS

- **Mounted from above**
- **High load capacity of up to 11 kg**
- **Clean Desk thanks to concealed cables**
- **Flexible positioning**

## AWARDS



 Complete flexibility in **mobility**



Dimensions in mm



Glossy chrome




Black



White

**ZG1 Monitor Arm**

- Material: Aluminium
- Dimensions: 600 x 510 mm
- Mounting: Easy mounting from above with mounting bracket.
- Monitor size 17"-34"
- Load capacity up to 11 kg
- Monitor not included in scope of delivery

#	
<b>ZG1 Monitor Arm</b>	
945.001	Monitor Arm; black, similar to RAL9004
945.002	Monitor Arm; white, similar to RAL9003
945.003	Monitor Arm, glossy chrome



945.003  
Glossy chrome



### Smart in approach:

Concealed under the magnetic covers, the right mounting tool is always to hand.



### Easy mounting:

No need to crawl under the desk – with mounting brackets, the base can be affixed effortlessly from above.



### Surprisingly strong:

The strength of the ZG1 Monitor Arm enables it to carry monitors with a weight of up to 11 kg and a size of up to 34".



### Overshoot protection:

The 180° lock function protects monitors against collisions with the wall behind.

# Lamps





## Mobile

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## Stationary

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# Stick lamps/handheld lamps

## Battery-powered LED handheld lamp

- Magnetic holder
- Plastic
- 230 V~ mains adapter
- Automotive charger
- With switch
- Individually blister packaged
- Ø 6 cm

#	
	
<b>Battery-powered LED handheld lamp</b>	
394.188	60 LEDs, 3.6 W   With 1 magnetic holder   Length: 42 cm
394.190	160 LEDs, 9.6 W   With 2 magnetic holders   Length: 53.5 cm




394.188



394.190

## Stick lamp

- 8 W fluorescent bulb
- Not interchangeable. With built-in reflector
- Electronic ballast unit built into the handle, 50 Hz
- Plastic version with shock resistant protection tube and rotatable hook
- 5.0 m H05RN-F 2 x 0.75 mm<sup>2</sup> supply cable with 2.5 A Euro plug
- IP20, including illuminant


#	
	
394.184	Black   Ø 1.5 cm   Length without hook: 46.5 cm



394.184

## Professional stick lamp with energy-saving bulb

- 11 W/250 V~, IP54
- Interchangeable, anti-glare, giving a pleasant light
- Oil-resistant rubber design with shock-resistant protective tube
- Integral reflector and robust hanging hook
- 5.0 m H05RN-F 2 x 1.00 mm<sup>2</sup> rubber cable with contour plug
- Splash-proof and dust-proof design
- Includes illuminant (Dulux S 11 W)


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



720.006

## Rubber handheld lamp

- Socket E27, max. 100 W/250 V~
- Interchangeable, with protective glass
- Oil-resistant rubber design
- Metal basket with integrated hook, without light bulb
- Length: 27 cm

#	
	
394.183	5.0 m H05RN-F 2 x 1.0 mm <sup>2</sup> supply cable with plug   IP44   Protection class II   Double-insulated   Black
394.187	Without cable   IP40   Black
910.1011	Replacement glass   Protective glass



394.183

# Professional work lamps

## Magnum Future LED spotlight

#	
720.035	2 x socket outlet with earthing contact on back   5 m H07RN-F 3 x 1.5 mm <sup>2</sup>   SMD LED   32 W / 250 V~   IP44



720.035

## Mobile halogen lamp

- 2 m cable: H05VV-F3G 1.00 mm<sup>2</sup> with plug
- 400 W R7S illuminant included
- Die-cast aluminium housing with cooling fins
- Continuously adjustable frame in black with carrying handle

#	
720.013	Black   400 W   IP44



720.013

## Mobile halogen lamp with tripod

- 2 m cable: H05RN-F3G 1.00 mm<sup>2</sup> with plug
- 400 W R7S illuminant included
- Die-cast aluminium housing with cooling fins
- Tripod with aluminium die-cast articulation | Height adjustable up to 2 m
- With handy cable rewind function
- For outdoor use

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



722.009

## Battery-powered LED spotlight

#	
720.038	20 W Samsung LED chip   Approx. 1500 lumens   Li-ion battery: 7.4 V / 8800 mAh
720.039	10 W Samsung LED chip   Approx. 680 lumens   Li-ion battery: 7.4 V / 4400 mAh



720.038



720.039

# Professional tripod with screw mounting

## Professional tripod with screw mounting

- For one spotlight
- Extended length: 200 cm
- Retracted length: 108 cm
- Distance between the supporting feet: 92 cm
- Diameter of supporting foot: 3.5 cm
- Bearing capacity: 15 kg
- Product weight: 2.2 kg
- Professional tripod with click-head system
- For clamping one spotlight, plus two mounting fixtures for two additional spotlights
- Quick mounting without tools
- Extended length: 200 cm
- Retracted length: 108 cm
- Distance between the supporting feet: 92 cm
- Diameter of supporting foot: 3.5 cm
- Bearing capacity: 15 kg
- Product weight: 2.3 kg

#	
730.009	Black   With screw mounting
730.010	Black   With click-head system




730.009

# LED Spotlights

## Chip LED spotlight

- Die-cast aluminium housing
- Swivelling and lockable reflector with safety glass
- Low energy consumption | Energy efficiency class: A+
- For continuous outdoor use
- Practical hanging, positioning and fixing options
- Light colour 4000 K | Radiation angle 120°
- 230 V / 16 A / 50-60 Hz

#	
<b>Without motion detector</b>   With rubber hose line   IP44	
720.048	50 W Samsung LED chip with ergonomic plastic handle   Approx. 4,250 lumen   3 m H07RN-F 3G 1.5 mm² with 2 earthing contact plugs and hinged lid
<b>Without motion detector</b>   With rubber hose line   IP65	
720.0362	80 W Samsung LED chip   Approx. 6,800 lumen   2 m H07RN-F 3G 1.5 mm² with earthing contact plug
720.047	120 W Samsung LED chip   Approx. 10,200 lumen   2 m H07RN-F 3G 1.5 mm² with earthing contact plug



720.048



720.0362



720.047

# Illumination material

## Light chain

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

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



740.005

## Lamp holders

#	
<b>Illumination lamp holder E27</b>   For outdoor use   Heat and weather resistant thermoplastic	
740.000	Max. 40 W   Protection class II/IP44   Up to 165 °C without sealing ring   Splash-proof when used with sealing ring (740.001/740.012) – please order separately
<b>Illumination lamp holder with mounting base</b>   Black   For fixing to firm surfaces   Only use outside with rubber seal   Sealing ring (740.001/740.012) – please order separately	
740.010	E 14   Fixing screw spacing: 40 mm
740.011	E 27   Fixing screw spacing: 46 mm



740.000



740.011

## Sealing ring for illumination lamp holders

- For fitting or retrofitting lamp holders to light chains for outdoor use
- Guaranteed drip water protection when bulb is directed downwards

#	
740.001	E 27   Black
740.012	E 14   Black



740.001

## Accessories for illumination light chains

#	
<b>Connection box</b>	
740.015	Black   For flat cables H05RN H2-F, 5.0 x 13.0 mm
<b>End piece for illumination cable</b>	
740.004	Black   DIN 0282   With hook for hanging   For securing the cable end
<b>Flat coupling for illumination cable</b>	
740.003	Black   DIN 0282   With hinged lid and mounting   Without earthing contact   For contour plugs only
<b>Flat cable plug for illumination cable 16 A/250 V~</b>	
740.002	Black   DIN 49406   For cables H05RN H2-F2x 1.5 mm², solid rubber version   Without earthing contact   With snap latch
<b>Solid rubber right-angled plug</b>	
740.017	Black   IP44   For flat cable   With snap latch   With screw terminals   Assembled with two screws from front



740.015



740.004



740.003



740.002



740.017

# Accessories

## E 27 holder with earth spike

- Plastic housing with seal, splash-proof
- Lamp body can be swivelled
- For use only with PAR38 80 W illuminant (not included)

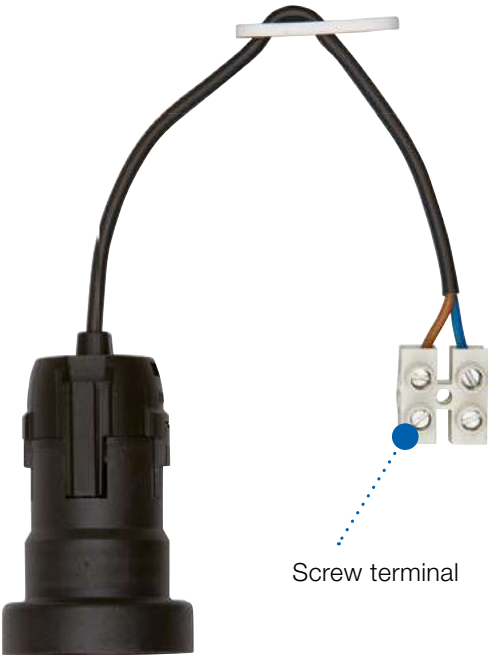
#	
720.000	Black   IP44   2.0 m cable: H05RN-F 2 x 1.00 mm <sup>2</sup> with contour plug



## Lamp holder, pre-wired

- 60 W plastic E 27 holder
- 0.2 m H03VV-F 2 x 0.75 mm<sup>2</sup>
- 250 V~ | 4 A | T180

#	
<b>With plug-in terminal</b>	
641.1711	Black
641.2711	White
<b>With 2-pole screw terminal</b>	
641.1701	Black



Screw terminal



Plug-in terminal

**Light bulb adapter**

#	
730.005	E 27 to E 14   External thread: E 27   Internal thread: E 14   Thread: Brass   Insulation: Plastic
730.008	E 40 to E 27   External thread: E 40   Internal thread: E 27   Thread: Brass   Insulation: Porcelain



730.005



730.008

**Porcelain terminal**

#	
<b>For wire cross sections up to 2.50 mm<sup>2</sup></b>   Without wire protection, heat-resistant up to 300 °C/temperature of low-volt range	
950.000	1-pole   Dimensions: 17 x 9.5 x 12 mm   Hole diameter approx. 3.1 mm
950.013	3-pole with central fixing hole   Dimensions: 33 x 19 x 16 mm   Hole diameter approx. 4.3 mm
<b>For wire cross sections up to 4 mm<sup>2</sup></b>	
950.009	2-pole with central fixing hole   Hole diameter 4 mm   Dimensions 24 x 22 x 21 mm



950.000

950.013

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

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

#	
924.193	Black   With timer   IP44



924.193

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

- 230 V~ | 50/60 Hz | +/- 10 %
- Max. load 100 VA at Tu = -20 °C to +35 °C
- Load current max. 430 mA
- Switch-on threshold approx. 5–10 lux | Switch-off threshold approx. 30–40 lux
- Cast housing
- For ohmic, inductive and capacitive loads
- Opening angle of 30 degrees
- 1 item on blister card

#	
924.171	White   With external sensor   Length 250 mm



924.171



**Pulse starter, series 8600**

- Instant ignition (rapid starter)
- For fluorescent bulbs, reduces the costs of maintenance and replacement of fluorescent
- Protects the environment
- 10-year warranty, -30 °C to +75 °C

#	
924.167	EFS 120/110–250 V   4–22 W
924.168	EFS 600/200–260 V   4–125 W



924.168

**Silicone housing, MAXI series 1000**

- For halogen cold light mirror bulbs 6U 5.3, Ø 51 mm, 12 V~, maximum 35 W
- Do not use Cool Beam illuminants
- Triple-insulated | Without light bulb

#	
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**With cable and ceramic holder**

924.224	Transparent
924.225	White

**With cable and ceramic holder** | Loose | Supplied in bags, packaging unit of 50

924.332	White
---------	-------

**Without cable and ceramic holder** | Loose | Supplied in bags, packaging unit of 50

924.334	White
---------	-------



924.224

**Decorative rings, series 1002**

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

#	
924.250	Matt brushed stainless steel



924.250

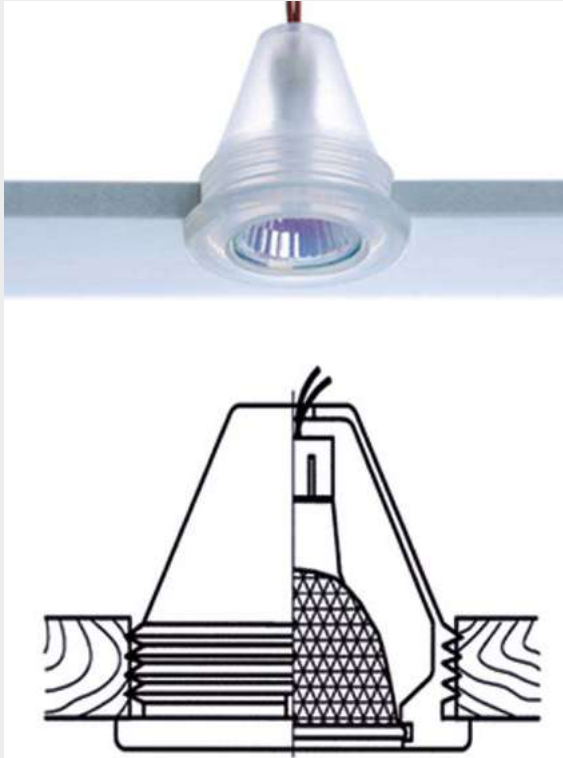
**Silicone recessed spotlight housing, MAXI series 1000 GU10**

- MAXI silicone recessed spotlight housing for high-voltage halogen and LED illuminants with GU10 bulb base
- Ø: 51 mm | 230 V~ | Max. 35 W or GU10 V LED illuminant up to 5 W

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



924.350

**MAXI silicone housing** for low-voltage recessed halogen spotlights

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

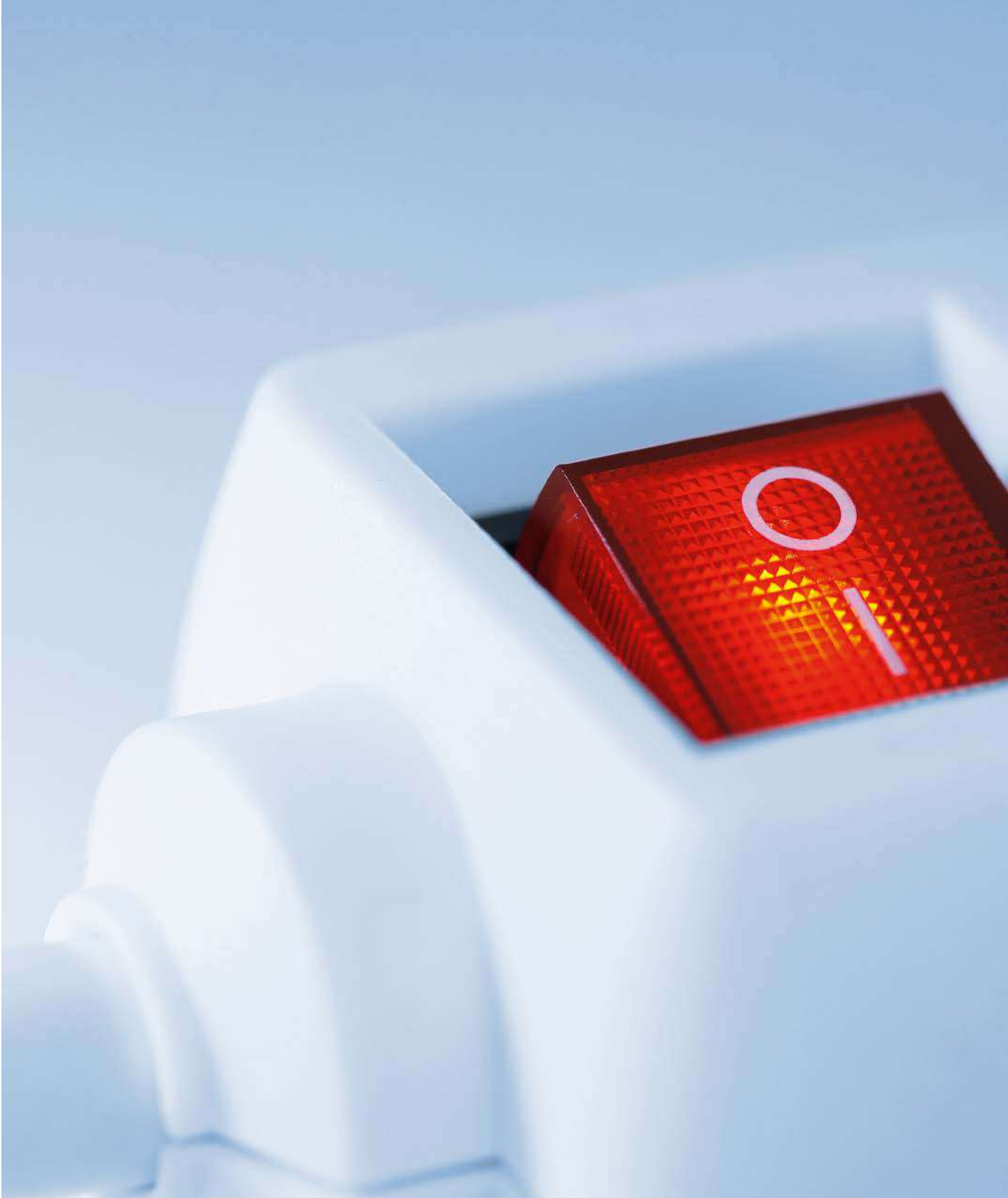
- Totally rust-free
- Resistant to UV, ozone and ageing
- Heat and cold resistant
- Excellent resistance to weather and maritime environments
- Quick and easy to assemble and dismantle
- No fitting of individual components
- Light bulbs changed without tools
- No troublesome metal rings
- Can also be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

**Mounting in:**

- Solid material of various thicknesses
- Fragile materials such as plasterboard, fibreboard, fixing plates, etc.



# Electrotechnical accessories





**inter BÄR**

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# Dimmers

## LED dimmer for external buttons, series 8122

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

#	
924.083	Black



924.083

## LED pushbutton dimmer with cord, series 8124

- 250 V~ | 50 Hz | 5–150 W/VA | LED 3–55 W
- For dimmable LED illuminants, high-voltage halogen bulbs, light bulbs, dimmable LED filament illuminants
- On/Off/Dimming using a pushbutton
- Soft-start and memory function
- With orientation light
- Flicker-free dimming thanks to individual illuminant adjustment
- For connecting textile cables and cables with a max. Ø of 7.5 mm
- Totally silent operation
- For hand and foot operation

#	
924.0166	Black
924.0167	White



924.0166



924.0167

## LED pushbutton dimmer with cord, series 8119 | 81 x 32 x 23 mm

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

#	
924.354	Black



924.354

## LED line intermediate dimmer, series 8116

- 250 V~ | 50 Hz | 7–110 W/VA | LED 3–35 W
- Separate On/Off switch, dimming function via control wheel
- For low-voltage halogen bulbs with conventional transformers, high-voltage halogen bulbs and light bulbs

#	
924.0161	Black   For dimmable LED lamps and energy saving lamps



924.0161

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

- 250 V~ | 50 Hz | 20 to 300 VA
- Mode of connection (intermediate or cord end dimmer) freely selectable
- Hand and foot operation
- Orientation light | Separate On/Off switches
- For low-voltage halogen bulbs with electronic transformers, high-voltage halogen bulbs and light bulbs
- No fuse protection | Buzz-free

#	
924.353	Housing transparent
924.338	Housing, black



924.353



924.338

### LED line intermediate dimmer, series 8115

- 250 V~ | 50 Hz | 7–110 W/VA
- Mode of connection (intermediate or cord end) freely selectable
- Hand and foot operation
- For dimmable LED illuminants, low-voltage halogen bulbs with electric transformers, high-voltage halogen bulbs and light bulbs
- No fuse

#	
924.345	Housing, black
924.346	Housing, white
924.347	Housing, transparent
924.348	Housing, gold



924.345



924.346



924.347



924.348

### LED line rotary dimmer, series 8118 | Ø 33 mm x L110 mm

- 250 V~ (+/- 10 %) | 50 Hz | 5–100 W/VA, LED 3–35 W
- Electronic, transistor-controlled, phase-controlled dimmer without inductor
- For dimmable LED illuminants, high-voltage halogen lamps and light bulbs
- On/Off/Dimming by turning the housing
- Active current limitation with overtemperature protection
- Totally silent operation
- Flicker-free dimming thanks to option of setting basic and maximum brightness
- With microswitch and fine grid
- Can be freely positioned due to symmetrical construction type
- For connecting textile cables with a max. Ø of 8 mm

#	
924.0163	Black without cable
924.0164	White without cable
924.0165	Transparent without cable



924.0163



924.0164



924.0165

### Line intermediate dimmer, series 8114 | 96 x 41 x 29 mm

- 250 V~ | 50 Hz | 20 to 200 W/VA
- Revolving off function, with protective conductor connection
- For low-voltage halogen bulbs with conventional transformers, high-voltage halogen bulbs and light bulbs
- Externally accessible fuse switch for easy replacement of fuse

#	
924.344	Housing gold   Rotating wheel black



#	
924.342	Housing, transparent   Rotating wheel, light grey
924.343	Housing, white   Rotating wheel, light grey
924.340	Housing, black   Rotating wheel light grey



924.344

924.342




924.343

924.340

### Line intermediate dimmer, series 8013 | 107x60x30 mm

- 250 V~ | 20–500 W
- For low-voltage halogen bulbs with conventional transformers, high-voltage halogen bulbs and light bulbs
- For hand and foot operation

#	
924.075	Housing, black   Slider, black
924.076	Housing, white   Slider, white
924.077	Housing, gold   Slider, gold
924.265	Housing, titanium   Slider, black
924.336	Housing, transparent   Slider, transparent



924.075

924.077




924.265

924.336

### Line-end dimmer, series 8013 | 107x60x30 mm

- 250 V~ | For high-voltage halogen bulbs, light bulbs and low-voltage halogen bulbs (for conventional transformers) from 20–500 W
- Hand and foot operation
- With 2 m cable and device plug, plug with shutter

#	
924.078	Housing, black   Slider, black
924.079	Housing, white   Slider, white
924.080	Housing, gold   Slider, gold
924.266	Housing, titanium   Slider, black



924.078



924.079



924.080



924.266

# Switches/buttons

## Line intermediate switch, series 5052 | 66 x 30 x 21 mm

- 2 A/250 V~ | On/Off switch, 2-pole
- With screwed contacts
- Fluorescent rockers
- For dual-insulated flat cable, 2 x 0.75 mm
- Marking 0-1


#	
	
<b>Illuminated, for protection class II equipment</b>	
924.031	Housing, white   Rocker, white



924.031

## Line intermediate switch, series 5044 | 81 x 32 x 29 mm

- 2(1)A/250 V~ | On/Off switch, 1-pole
- Housing and strain relief screwed, 2 connector terminals
- For dual-insulated flat cable, 2 x 0.75 mm<sup>2</sup> and 3 x 0.75 mm<sup>2</sup>
- Strain relief
- Screwed contacts

#	
	
924.023	Housing, white   Button, black
924.024	Housing, black   Button, black
924.025	Housing, white   Button, white
924.026	Housing, brown   Button, beige
924.027	Housing, gold   Button, gold
924.259	Housing, transparent   Button, transparent
924.260	Housing, titanium   Button, black



924.023



924.024



924.025



924.026



924.027




924.259



924.260

## Line intermediate switch, series 8007 | 61 x 23 x 15 mm

- 2 A/250 V~ | On/Off switch, 1-pole
- Strain relief and housing screwed
- Neutral conductor terminal
- For dual-insulated flat cable, 2 x 0.75 mm<sup>2</sup>
- Screwed contacts

#	
	
924.036	Housing, black   Rocker, black
924.037	Housing, white   Rocker, white
924.038	Housing, brown   Rocker, brown
924.0390	Housing, gold   Rocker, gold



924.036



924.037



924.038

**Line intermediate switch, series 8002 | 58 x 28 x 29 mm (without button)**

- 2 A/250 V~ | On/Off switch, 1-pole
- Strain relief sleeve, screwed
- Snap-in mounting assembly for housing, with inserted pushbutton switch | Button Ø 12 mm
- Neutral conductor terminal
- For dual-insulated flat cable, 2 x 0.75 mm<sup>2</sup>

#	
924.033	Housing, white   Button, white
924.034	Housing, brown   Button, brown



924.033



924.034

**Line intermediate switch, series 5055 | 67 x 22 x 17 mm (without rocker)**

- 3(2)A/250 V~ | On/Off switch, 1-pole
- Strain relief via insulating screw, snap-on housing
- Neutral conductor terminal
- Contacts with silver, therefore particularly suitable for LED
- For dual-insulated flat cable, 2 x 0.5 mm<sup>2</sup> and 2 x 0.75 mm<sup>2</sup>

#	
924.043	Housing, black   Rocker, black
924.044	Housing, white   Rocker, white
924.045	Housing, brown   Rocker, brown
924.046	Housing, gold   Rocker, gold



924.043



924.044



924.045



924.046

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

- 6(4)A/250 V~ | On/Off switch, 1-pole
- Screw-in strain relief sleeve | Screwed housing | 2 connecting terminals
- Marking O-I
- For dual-insulated flat cable, 2 x 0.75 mm<sup>2</sup> and 3 x 0.75 mm<sup>2</sup>
- Suitable for secondary-side switching of halogen lamps

#	
924.047	Housing, black   Rocker, black
924.048	Housing, white   Rocker, white
924.049	Housing, brown   Rocker, brown
924.050	Housing, gold   Rocker, brown



924.047



924.048



924.049



924.050

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

- 10(4)A/250 V~ | On/Off switch, 2-pole
- Screw-in strain relief sleeve | Screwed housing | Connecting terminal for protective conductor
- Marking O-I
- For cables 2 x 0.75 mm<sup>2</sup> and 3 x 0.75 mm<sup>2</sup>

#	
924.051	Housing, black   Rocker, red
924.052	Housing, white   Rocker, white
924.053	Housing, brown   Rocker, beige



924.051



924.052



924.053

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

- 10(4) A/250 V~ | On/Off switch, 2-pole
- Screw-in strain relief sleeve | Screwed housing | Connecting terminal for protective conductor
- Marking 0-I
- Illuminated
- For cables 2 x 0.75 mm<sup>2</sup> and 3 x 0.75 mm<sup>2</sup>
- Screwed contacts

#	
924.327	Housing, black   Rocker, red



924.327

**Line intermediate switch, series 8011 | 105 x 37 x 37 mm**

- 2 A/250 V~ | Multi-circuit switch, 1-pole
- Housing with double cable exit | 2 connecting terminals
- Switches between 0-1-1+2-2-0
- For cables 2 x 0.75 mm<sup>2</sup> and 3 x 0.75 mm<sup>2</sup>
- Screwed contacts

#	
924.054	Housing, black   Button, black
924.055	Housing, white   Button, white



924.054



924.055

**Series 8075 line intermediate switch**

- 2 A/250 V~ AC | On/Off switch, 1-pole
- Screwed housing and strain relief
- Neutral conductor terminal
- For dual-insulated flat cables 2 x 0.75 mm<sup>2</sup>

#	
924.084	
924.086	



924.084



924.086

**Foot intermediate switches**

- Ø 66 mm
- With screwed contacts
- For cables 2 x 0.75 mm<sup>2</sup> and 3 x 0.75 mm<sup>2</sup>
- 2 connecting terminals | Snap-in mounting for housing | Strain relief sleeve, screwed
- Strain relief

#	
---	--

**Series 50 line foot intermediate switch | 2(1) A, 250 V~ | On/Off switch, 1-pole**

924.262	Housing transparent   Button transparent
---------	--

**Series 5062 foot intermediate switch | 2(1) A, 250 V~ | On/Off switch, 1-pole**

924.056	Housing, gold   Button, gold
924.057	Housing, white   Button, black
924.058	Housing, black   Button, black
924.059	Housing, white   Button, white
924.060	Housing, brown   Button, beige



924.058



924.059



924.060



924.262

**Series 8009 foot intermediate switch | 2(1) A, 250 V~ | On/Off switch, 1-pole**

924.062	Housing, black   Button, black
924.063	Housing, white   Button, white
924.064	Housing, brown   Button, brown
924.065	Housing, gold   Button, gold



924.064



924.068

**Series 8009 foot intermediate switch | 2(1) A, 250 V~ | Multi-circuit switch, 1-pole | Switches between 0-1-1+2-2-0**

924.067	Housing, black   Button, black
---------	--------------------------------

#	
924.264	Housing, gold   Button, gold
<b>Series 8009 foot intermediate switch</b>   6(2) A, 250 V~   On/Off switch, 1-pole   Suitable for secondary-side switching of halogen lamps	
924.068	Housing, black   Button, black
924.069	Housing, white   Button, white



924.069

### Pull switch | On/Off switch, 1-pole

- Screwed contacts
- T 125 °C

#	
<b>Series 3716 pull switch</b>   4(1) A, 250 V~	
924.151	Housing, black   Two-hole mounting   Hole distance 20 mm   Mounting holes Ø 3.4 mm
<b>Series 3730 pull switch</b>   2(1) A, 250 V~	
924.152	Housing, black   Single-hole mounting   Mounting holes Ø 3.2 mm
924.153	Housing, black   Hole distance 22–25 mm   With screw-on brackets
<b>Series 3746 pull switch</b>   2 A/250 V~   Hole distance 23 mm   Mounting holes Ø 3.4 mm   With mounting plate	
924.156	Housing, brown-black   Pull cord entry on end face
<b>Series 3746 pull switch</b>   2 A/250 V~   Two-hole mounting   Hole distance 22 mm   Mounting holes Ø 3.4 mm	
924.154	Housing, brown-black   Pull cord entry on end face
924.155	Housing, brown-black   Pull cord entry on side face



924.151



924.152



924.153



924.156



924.154

### Pull switch, series 3717

- 2(1) A, ~ 250 V, T 85 °C
- Screwless terminal connectors

#	
924.258	Cable cross-section at least 0.75 mm²   1-pole



924.258

### Pull cord

- 25 cm, with pull cone
- Suitable for switch types 3716, 3730, 3746, 8017, 3776

#	
924.158	White



924.158

### Line-end switch, series 8016 | 30 x 51 x 20 mm

- 10(2) A/250 V~ | On/Off switch, 1-pole
- With screwed contacts | Screwed housing and strain relief sleeve
- Marking 0 - 1

#	
924.073	Housing, white   Rocker, white
924.074	Housing, black   Rocker, black




924.073



924.074

**Console push-button with spring contact, series 5120 | 39 x 34 x 15 mm**

- 2(1) A/250 V~ | Break-contact switch, 1-pole
- With screwed contacts | Two-hole mounting, mounting holes Ø 3.5 mm
- T 85 °C

#	
	
<b>Hole distance 25.5 mm</b>   Industrial version without additional housing   Please note: Ensure installation is VDE-compliant, e.g. bolt only to insulating surfaces (plastic)	
924.071	Housing, white   Button, white
924.072	Housing, black   Button, black
<b>Hole distance 43 mm</b>   Trade version with additional housing	
924.203	Housing, white   Button, white
924.103	Housing, black   Button, black


**Pushbutton, series 8001**

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

#	
924.146	


**Pushbutton switch**

- On/Off switch, 1-pole
- Central mounting M 10 x 1 mm | Screwed contacts
- Bell-shaped nut screwed on

#	
	
<b>Series 3030 pushbutton switch</b>   2(1) A, 250 V~   T 85 °C   Bell-shaped nut screws on, constant switch position	
924.137	Button, white   Thread length 11.5 mm
924.138	Button, black   Thread length 11.5 mm
924.1430	Button, black   Thread length 7.5 mm
<b>Series 8001 pushbutton switch</b>   2(0.7) A, 250 V~   T 100 °C	
924.145	Button, white   Universally applicable for 8–15 mm thread   With 2 thread-reducing rings
<b>Series 8001 pushbutton switch</b>   6(2) A, 250 V~   T 85 °C   Suitable for secondary-side switching of halogen lamps	
924.144	Button, white   Thread length 8 mm
<b>Flush pushbutton switch, series 3030</b>   2(1) A, 250 V~   T 185 °C   For H03VV-F 2x0.75 mm², H03VV-F 3G 0.75 mm², H03VV H2-F 2x0.75 mm², bell-shaped nut screws on from above, constant switch position	
924.1370	Housing, black   Rocker green without marking

**Button, series 8001**


- 2(0.7) A/250 V~ | Normally open contact, 1-pole
- Central mounting M 10 x 1 mm | Screwed contacts
- Bell-shaped nut screwed on
- T 100 °C

#	
924.149	
	Button, white   Universal for 8–15 mm thread, with 2 thread-reducing rings



**Toggle switch, series 8400**

- 6(4) A, 250 V~
- Suitable for devices of protection class II | Central fastening M 12 x 0.75 mm
- Hexagonal and knurled nut screwed on
- Thermoplastic toggle and housing | Contacts made of silver | Connections silver-plated
- Suitable for secondary-side switching of halogen lamps
- T 85 °C

#	
	
<b>On/Off switch, 1-pole</b>	
924.160	Solder connection
924.161	Plug connection 4.8 mm
<b>Changeover switch, 1-pole</b>	
924.162	Solder connection
924.163	Plug connection 4.8 mm




924.161



924.163

**Rocker switch, series 3652**

- 16(8) A, 250 V~
- With and without illumination
- Spade terminals 6.3 x 0.8 mm
- No centre position
- T 125 °C

#	
	
<b>On/Off switch, 1-pole</b>   Illuminated   Without rocker printing   Cut-out dimensions 11 x 30 mm	
924.111	Housing, white   Rocker, red
924.112	Housing, black   Rocker, red
924.113	Housing, black   Rocker, yellow
924.114	Housing, black   Rocker, green
<b>On/Off switch, 1-pole</b>   Non-illuminated   Without rocker printing   Cut-out dimensions 11 x 30 mm	
924.090	Housing, white   Rocker, white
924.091	Housing, black   Rocker, black
<b>On/Off switch, 2-pole</b>   Illuminated   Rocker printing with 0 I   Cut-out dimensions 22 x 30 mm	
924.096	Housing, white   Rocker, red
924.097	Housing, black   Rocker, green
924.0970	Housing, black   Rocker, blue
924.098	Housing, black   Rocker, yellow
924.099	Housing, black   Rocker, red
<b>On/Off switch, 2-pole</b>   Non-illuminated   Rocker printing with 0 I   Cut-out dimensions 22 x 30 mm	
924.094	Housing, white   Rocker, white
924.095	Housing, black   Rocker, black
<b>On/Off switch 2 x 1-pole</b>   Illuminated   Without rocker printing   Cut-out dimensions 22 x 30 mm	
924.120	Housing, black   Rocker red/red
<b>Changeover switch, 1-pole</b>   Non-illuminated   Without rocker printing   Cut-out dimensions 11 x 30 mm	
924.092	Housing, black   Rocker, black
<b>Changeover switch, 2-pole</b>   Non-illuminated   Without rocker printing   Cut-out dimensions 22 x 30 mm	
924.109	Housing, black   Rocker, black



924.111



924.090



924.091



924.096



924.094



924.095



924.120



924.092




924.109



**SPVC covers and frames, series 22**

- Retrofit to series 3652 as splash-water and dust protection

#	
	
<b>For 1-pole rocker switches</b>	
924.115	Frame, white   Cap, clear
924.116	Frame, black   Cap, clear
<b>For 2-pole rocker switches</b>	
924.118	Frame, black   Cap, clear



924.115



924.116



924.118

**Rocker switch, series 8004**

- 6(2) A/250 V~ | On/Off switch, 1-pole
- Snap-in fixing for 19.4 x 13 mm cut-out
- Suitable for secondary-side switching of halogen lamps
- Non-illuminated, marking 0-I
- T 85 °C

#	
	
924.128	Screw terminals   Housing, black   Rocker, red



924.128

**Rocker switch, series 8005**


- 16(4) A/250 V~ | On/Off switch, 2-pole
- Snap-in fixing for 22 x 30 mm cut-out
- Combined spade terminals, 6.3 mm
- Screw terminals M 3
- Illuminated, marking 0-I
- T 85 °C

#	
	
924.129	Housing, black   Rocker, red



924.129

**Rocker switch, series 8014**

#	
	
<b>Fits hole diameter 21.7 mm, Class II, screwed contacts, with shutter</b>   On/Off switch, 1-pole   6(2) A, 250 V~   T 120 °C   Suitable for secondary-side switching of halogen lamps	
924.133	Housing, black   Rocker, black
924.134	Housing, white   Rocker, white
<b>Installation dimension Ø 22 mm, fixing thread M 22, Class II</b>   On/Off switch, 1-pole   6(2) A, 250 V~   T 85 °C   Screwed contacts, with plastic hexagonal nut   Suitable for secondary-side switching of halogen lamps	
924.131	Housing, white   Rocker, white
924.132	Housing, black   Rocker, black
<b>Snap-in fixing for cut-out 22 x 30 mm, combined spade terminals 6.3 mm</b>   On/Off switch, 2-pole   16(4) A, 250 V~   T 85 °C   Screw terminals M 3, with water protection cap, illuminated, marking 0 I	
924.136	Housing, red   Rocker, red



924.133



924.134



924.132



924.136

**Flush rocker switch, series 3627**

- 16(8) A, 250 V~
- Illuminated
- Spade terminals 6.3 mm
- Snap-in fixing for 22 x 30 mm cut-out
- Marking 0–I

#	
	
<b>On/Off switch, 2-pole</b>   Illuminated   T 125 °C	
924.176	Housing, black   Rocker, green
924.178	Housing, black   Rocker, red



**Flush rocker switch, series 3628**

- 10(4) A
- Spade terminals 4.8 x 0.8 mm
- Installation dimensions 22 x 19 mm
- Marking 0 – I

#	
	
<b>On/Off switch, 2-pole</b>   Non-illuminated   T 105°C	
924.190	Housing, black   Rocker, black



**Flush rocker switch, series 3630**


- 5 A
- Spade terminals 4.8 x 0.8 mm
- Installation dimension 20 mm Ø

#	
	
<b>On/Off switch, 2-pole</b>   Non-illuminated   T 105°C	
924.191	Housing, black   Rocker, black



**Flush rocker switch, series 3631**


- 10(4) A, 250 V~
- With and without illumination
- Spade terminals 4.8 x 0.8 mm
- Installation dimensions 19 x 13 mm

#	
	
<b>Changeover switch, 1-pole</b>   Non-illuminated   T 125 °C	
924.182	Housing, black



**Flush rocker switch, series 3632**

- 10(2) A | 250 V~ | 1-pole | T125°
- Changeover switch with central position “OFF”, non-illuminated
- Installation dimensions 19 x 13 mm
- Spade terminals 4.8 x 0.8 mm

#	
	
924.183	Housing, black   White marking I–0–II



**Flush rocker button, series 3633**

- 6 (2) A | 250 V~ | 1-pole | Normally open contact | T125°
- Installation dimensions 19 x 13 mm
- Spade terminals 4.8 x 0.8 mm

#	
924.184	Housing, black   Non-illuminated



924.184

**Flush rocker switch, series 3634**

- 10 (4) A | 250 V~ | 2-pole | On/Off switch | T125°
- Installation dimensions 19 x 13 mm
- Spade terminals 4.8 x 0.8 mm
- White marking 0-I

#	
924.185	Housing, black   Non-illuminated
924.186	Housing, black   Rocker green illuminated



924.185



924.186

**Flush pressure switch, series 3635**

- 16 (4) A | 250 V~ | 2-pole | On/Off switch | T125°
- Installation dimensions 19 x 13 mm
- Spade terminals 4.8 x 0.8 mm

#	
924.1371	Housing, black



924.1371

**Flush rocker switch, series 3658**

- 16 (4) A | 250 V~ | 2-pole | On/Off switch | T125°
- Installation dimensions 19 x 13 mm
- Spade terminals 6.3 mm
- With rubber seal
- Water and dust protection as per IP65

#	
924.187	Housing, black   Button green illuminated
924.188	Housing, black   Button red illuminated



924.187



924.188

# Child safety

## Teddy, series 6310

- Socket guard for insertion into socket outlets with earthing contacts
- Cover cap with key
- Only to be removed from outlet with the key supplied

#	
<b>Loose (price per item), 50 items in a box</b>	
924.005	White
<b>5 items and 3 keys in transparent bag (price per bag)</b>	
924.201	White
924.101	Black
924.004	Brown (supplied in units stated)



924.201



924.101



924.004

## Teddy automatic, series 6320

- Socket guard for gluing into socket outlets with earthing contacts

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



924.009



924.010



924.011

## Protective caps, series 2002

- For insertion into socket outlets with earthing contacts

#	
924.1720	White   1 piece (loose)
924.172	White   10 items in transparent bag (price per bag)



924.172

## Teddy duo, series 6330

- Night light plus socket outlet protection
- With key

#	
<b>1 item on blister card (price per card)</b>	
924.001	Gives a red light



924.001

# Special products

## Overload protection power strip, series 8110 | 75x45x270 mm

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

#	
924.164	2-way



924.164

## Pinfix, series 8821

- Special solution for heavy flat-connector power packs
- For the whole of Europe (except Switzerland)
- Pinfix is patented
- 1 item on blister card

#	
924.329	Black
924.330	White



924.330



This **overload-protected power strip** solves the problem of running two power-hungry appliances such as a washing machine and a tumble drier from a single supply cable. It prevents fuses being blown and avoids the need for new cables to be installed. The two appliances can be run simultaneously because the power strip cuts out the tumble dryer during the water-heating phase of the washing machine. Once the heating stage is completed, the dryer will automatically be switched on again. For electronic dryers, please consult your user manual.

# IT power distribution



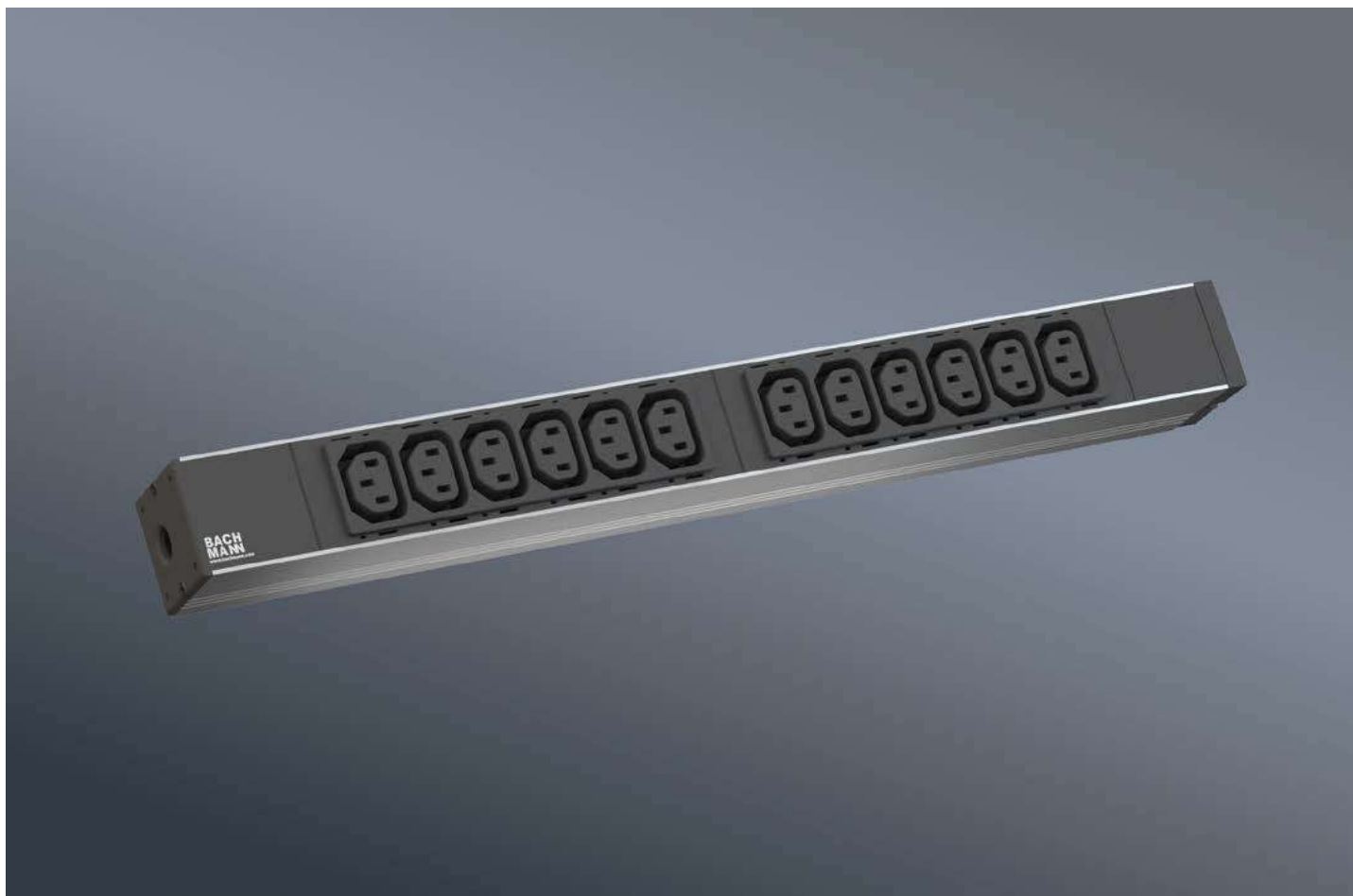




## Power Distribution Units (PDU)

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# 19" PDU Basic 1U IEC 60320 versions (C13, C19)

A PDU (Power Distribution Unit) in a compact 1U size. For installing horizontally in 19" server racks, as well as in other applications in which IT devices are powered by **IEC 60320 C13 and C19 outlets**. The PDUs are reliable and durable thanks to their robust aluminium profile and high-quality components. Their modular design and the versatile function modules enable them to be set up to satisfy customised requirements. The lockable outlets conform to IEC 60320, are available with an IEC Lock® as an option, provide protection against unexpected failures and ensure maximum safety in data centres.

A version with country-specific outlets is available on request.

## BENEFITS

- **Protection thanks to lockable outlets**
- **Up to 12 outlets per PDU**
- **Individual function modules**
- **Easy installation**
- **Reliable power supply**

**19" PDU Basic 1U (230-400 V / 50 Hz) | Incl. mounting brackets**

#	C13	C19	Outlets in total	Phase(s)	Cable length	Plug	Thermal/micro fuse (A)	With locking clips	Profile colour	Rated voltage (V)	Current per phase (A)	Cable type	↕
333.540	8		8	1	2	C14	10		Grey	230	10	H05VV-F 3G 1,00 mm <sup>2</sup>	440 x 44 x 47 mm
333.408	8		8	1	2	CEE 7/7	10		Grey	230	10	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm
333.539	9		9	1	2	CEE 7/7			Grey	230	16	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm
800.2284	12		12	1	2	C14	10	•	Grey	230	10	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm
800.2331	12		12	1	2	CEE 7/7	10	•	Grey	230	10	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm
333.616	12		12	1	2	CEE 7/7		•	Grey	230	16	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm
333.830	12		12	1		Connection terminal			Grey	230	16		440 x 44 x 47 mm
800.0111*		6	6	3	3	CEE 16A			Grey	400	16	H05VV-F 5G 2,50 mm <sup>2</sup>	440 x 44 x 47 mm
333.815		8	8	1	2	C20			Grey	230	16	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm
800.2332	8	3	11	1	2	C20			Grey	230	16	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm

\* C19 with IEC lock





# 19" PDU Basic 1U country-specific ver- sions






A PDU (Power Distribution Unit) in a compact 1U size. For installing horizontally in 19" server racks, as well as in other applications in which IT devices are powered by **country-specific outlets**. The PDUs are reliable and durable thanks to their robust aluminium profile and high-quality components. Their modular design and the versatile function modules enable them to be set up to satisfy customised requirements.

Other versions with international outlets (C13/C19) are available on request.

## BENEFITS

- **Up to nine socket outlets per PDU**
- **Individual function modules**
- **Easy installation**
- **Reliable power supply**

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

#					Outlets in total	Phase(s)	Cable length	RCD 30 mA	Thermal/micro fuse (A)	Switch	Current per phase (A)	Profile colour	Rated voltage (V)	Plug	Miniature circuit breaker	Cable type	
333.407	5				5	1	2				16	Grey	230	CEE 7/7		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
333.411	6				6	1	2	•			16	Grey	230	CEE 7/7		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
333.412	6				6	1	2				16	Grey	230	CEE 7/7	B16A	H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
333.410	8				8	1	2		10		10	Grey	230	C14		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
333.538	8				8	1	2		10		10	Black	230	C14		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
333.400	8				8	1	2			•	16	Grey	230	CEE 7/7		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
333.416	8				8	1					16	Grey	230	Con- nection termi- nal			440 x 44 x 47 mm
333.505	8				8	1	2			•	16	Black	230	CEE 7/7		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
333.401	9				9	1	2				16	Grey	230	CEE 7/7		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
333.506	9				9	1	2				16	Black	230	CEE 7/7		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
333.805	6				6	1	2			•	13	Grey	230	UK		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
333.804	7				7	1	2				13	Grey	230	UK		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
333.4065			6		6	1	2	•			16	Grey	230	CEE 7/7		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
333.419			8		8	1	2			•	16	Grey	230	CEE 7/7		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
333.819			8		8	1					16	Grey	230	Con- nection termi- nal			440 x 44 x 47 mm
333.418			9		9	1	2				16	Grey	230	CEE 7/7		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
800.1263				7 (T13)	7	1	2		10	•	10	Grey	230	T12		H05VV-F 3G 1,00 mm²	440 x 44 x 47 mm
800.1259				8 (T13)	8	1	2		10		10	Grey	230	T12		H05VV-F 3G 1,00 mm²	440 x 44 x 47 mm
800.1264				7 (T23)	7	1	3			•	16	Grey	230	T23		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
800.1262				8 (T23)	8	1	3				16	Grey	230	T23		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
With replaceable surge protection and fault indicator contact   CITEL SPD Type 3																	
800.2949	5				5	1	2				16	Grey	230	CEE 7/7		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
With mains and frequency filters																	
333.406	7				7	1	2				16	Grey	230	CEE 7/7		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
With surge protection																	
333.405	7				7	1	2			•	16	Grey	230	CEE 7/7		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
333.535	7				7	1	2			•	16	Black	230	CEE 7/7		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
333.534	8				8	1	2				16	Black	230	CEE 7/7		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
333.404	8				8	1	2				16	Grey	230	CEE 7/7		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm
333.838			7		7	1	2			•	16	Grey	230	CEE 7/7		H05VV-F 3G 1,50 mm²	440 x 44 x 47 mm

#					Outlets in total	Phase(s)	Cable length	RCD 30 mA	Thermal/micro fuse (A)	Switch	Current per phase (A)	Profile colour	Rated voltage (V)	Plug	Miniature circuit breaker	Cable type	
333.4061			8		8	1	2				16	Grey	230	CEE 7/7		H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm
800.1260				7 (T13)	7	1	2		10		10	Grey	230	T12		H05VV-F 3G 1,00 mm <sup>2</sup>	440 x 44 x 47 mm
800.1258				7 (T23)	7	1	3				16	Grey	230	T23		H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm
<b>With surge protection</b>   Mains and frequency filter																	
333.403	5				5	1	2			•	16	Grey	230	CEE 7/7		H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm
333.537	5				5	1	2			•	16	Black	230	CEE 7/7		H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm
333.402	6				6	1	2				16	Grey	230	CEE 7/7		H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm
333.536	6				6	1	2				16	Black	230	CEE 7/7		H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm
333.4063			6		6	1	2				16	Grey	230	CEE 7/7		H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm
800.1261				5 (T13)	5	1	2		10		10	Grey	230	T12		H05VV-F 3G 1,00 mm <sup>2</sup>	440 x 44 x 47 mm
800.1265				5 (T23)	5	1	3				16	Grey	230	T23		H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm



333.405



333.404



333.838



800.1260



333.537



333.536



800.1261





# 19" PDU Basic >1U

A cost-effective PDU (Power Distribution Unit), size >1U. For installing in server racks and other applications in which the IT devices have **country-specific plugs**. The PDUs are reliable and durable thanks to their robust aluminium or PVC profile and high-quality components. Their modular design and the versatile function modules, such as a type 3 surge protection device and mains and frequency filters, enable them to be set up to satisfy customised requirements. To create the perfect look, the socket inserts for the aluminium profile are available in **various colours**.

## BENEFITS

- **Exceptional cost-benefit ratio**
- **Individual function and colour variants**
- **Versatile installation options**
- **Reliable power supply**

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

#		Outlets in total	Phase(s)	Cable length	Plug	Profile colour	Rated voltage (V)	Current per phase (A)	Cable type	
333.000	7	7	1	2	CEE 7/7	Grey	230	16	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 52 x 44 mm
333.001	8	8	1	2	CEE 7/7	Grey	230	16	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 52 x 44 mm
<b>With surge protection</b>										
333.005	6	6	1	2	CEE 7/7	Grey	230	16	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 52 x 44 mm
333.004	7	7	1	2	CEE 7/7	Grey	230	16	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 52 x 44 mm
<b>With surge protection   Mains and frequency filter</b>										
331.0202	4	4	1	2	CEE 7/7	Grey	230	16	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 52 x 44 mm
333.002	5	5	1	2	CEE 7/7	Grey	230	16	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 52 x 44 mm



333.000



333.001



333.005



333.004





331.0202



333.002

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

#		Outlets in total	Phase(s)	Cable length	Plug	Profile colour	Rated voltage (V)	Current per phase (A)	Cable type	
333.600	7	7	1	2	CEE 7/7	Grey	230	16	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 52 x 44 mm
333.601	8	8	1	2	CEE 7/7	Grey	230	16	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 52 x 44 mm
<b>With surge protection</b>										
333.605	6	6	1	2	CEE 7/7	Grey	230	16	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 52 x 44 mm
333.604	7	7	1	2	CEE 7/7	Grey	230	16	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 52 x 44 mm



333.600



333.601

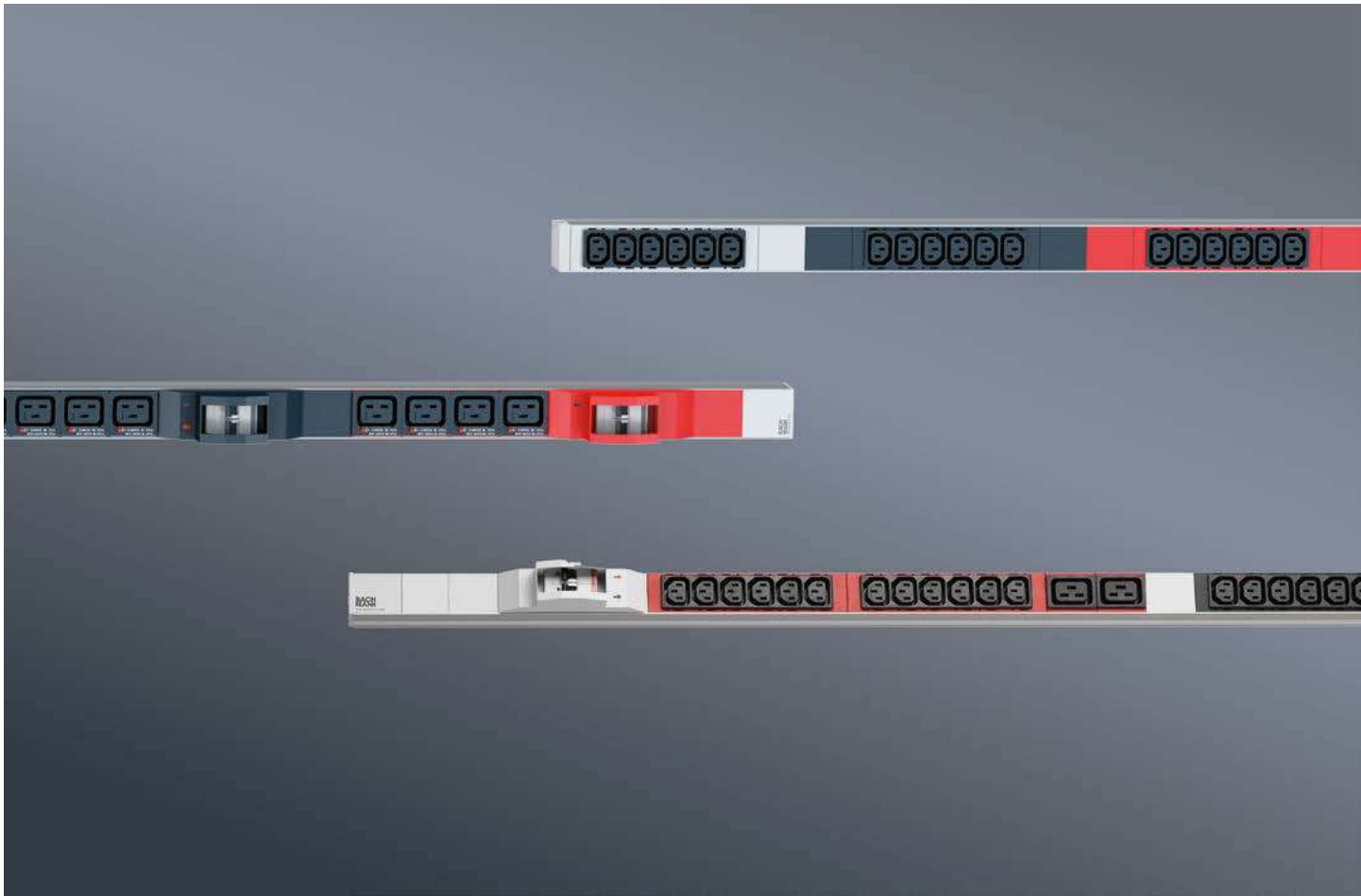


333.605



333.604





# PDU Basic 1U IEC 60320 versions (C13, C19)

The counterpart to the horizontal 19" PDU (Power Distribution Unit) – a PDU in a compact 1U size for installing vertically in the sides of server racks (ZeroU) and other applications in which IT devices are powered by **IEC 60320 C13 and C19 outlets**. The PDUs are reliable and durable thanks to their robust aluminium profile and high-quality components. Their modular design and the versatile function modules enable them to be set up to satisfy customised requirements. The lockable outlets, which come with an optional IEC Lock®, provide protection against unexpected failures and ensure maximum safety in data centres. Furthermore, the **high packing and power density** ensure efficient power distribution.

A version with country-specific outlets is available on request.

## BENEFITS

- **Efficient power distribution**
- **Protection against failure thanks to lockable outlets**
- **Space-saving design**
- **Individual function modules**
- **Reliable power supply**

**PDU Basic 1U (230-400 V / 50 Hz) | Incl. mounting brackets**

#	C13	C19	Outlets in total	Phase(s)	Cable length	Plug	With locking clips	Profile colour	Rated voltage (V)	Current per phase (A)	Cable type	Miniature circuit breaker	
---	-----	-----	------------------	----------	--------------	------	--------------------	----------------	-------------------	-----------------------	------------	---------------------------	--

**16 A / 230 V**

800.1657*	24	3	27	1	3	CEE 16A	•	Grey	230	16	H05VV-F 3G 2,50 mm <sup>2</sup>		1075 x 44 x 47 mm
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**16 A / 400 V**

800.0105	18		18	3	3	CEE 16A		Grey	400	16	H05VV-F 5G 2,50 mm <sup>2</sup>		821 x 44 x 47 mm
800.0114**	48		48	3	3	2 x WEF		Grey	400	16	H05VV-F 2 x 5G 2,50 mm <sup>2</sup>		1840 x 44 x 47 mm
800.0104*	18	3	21	3	3	CEE 16A		Grey	400	16	H05VV-F 5G 2,50 mm <sup>2</sup>		821 x 44 x 47 mm
800.1656*	24	3	27	3	3	CEE 16A		Grey	400	16	H05VV-F 5G 2,50 mm <sup>2</sup>		1075 x 44 x 47 mm
800.2282	24	6	30	3	3	CEE 16A		Grey	400	16	H05VV-F 5G 2,50 mm <sup>2</sup>		1116 x 44 x 47 mm
800.2341	36	6	42	3	3	CEE 16A		Grey	400	16	H05VV-F 5G 2,50 mm <sup>2</sup>		1457 x 44 x 47 mm

**32 A / 230 V**

800.0119	20		20	1	3	CEE 32A		Grey	230	32	H05VV-F 3G 4,00 mm <sup>2</sup>	2 x C16A	778 x 44 x 47 mm
800.2336	24	4	28	1	3	CEE 32A		Grey	230	32	H05VV-F 3G 4,00 mm <sup>2</sup>	2 x C16A	1119 x 44 x 47 mm

**32 A / 400 V**

800.0102	36		36	3	3	CEE 32A		Grey	400	32	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	1586 x 44 x 47 mm
800.0101*		6	6	3	3	CEE 32A		Grey	400	32	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	820 x 44 x 47 mm
800.0100*		12	12	3	3	CEE 32A		Grey	400	32	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	1075 x 44 x 47 mm
800.2338	24	6	30	3	3	CEE 32A		Grey	400	32	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	1586 x 44 x 47 mm

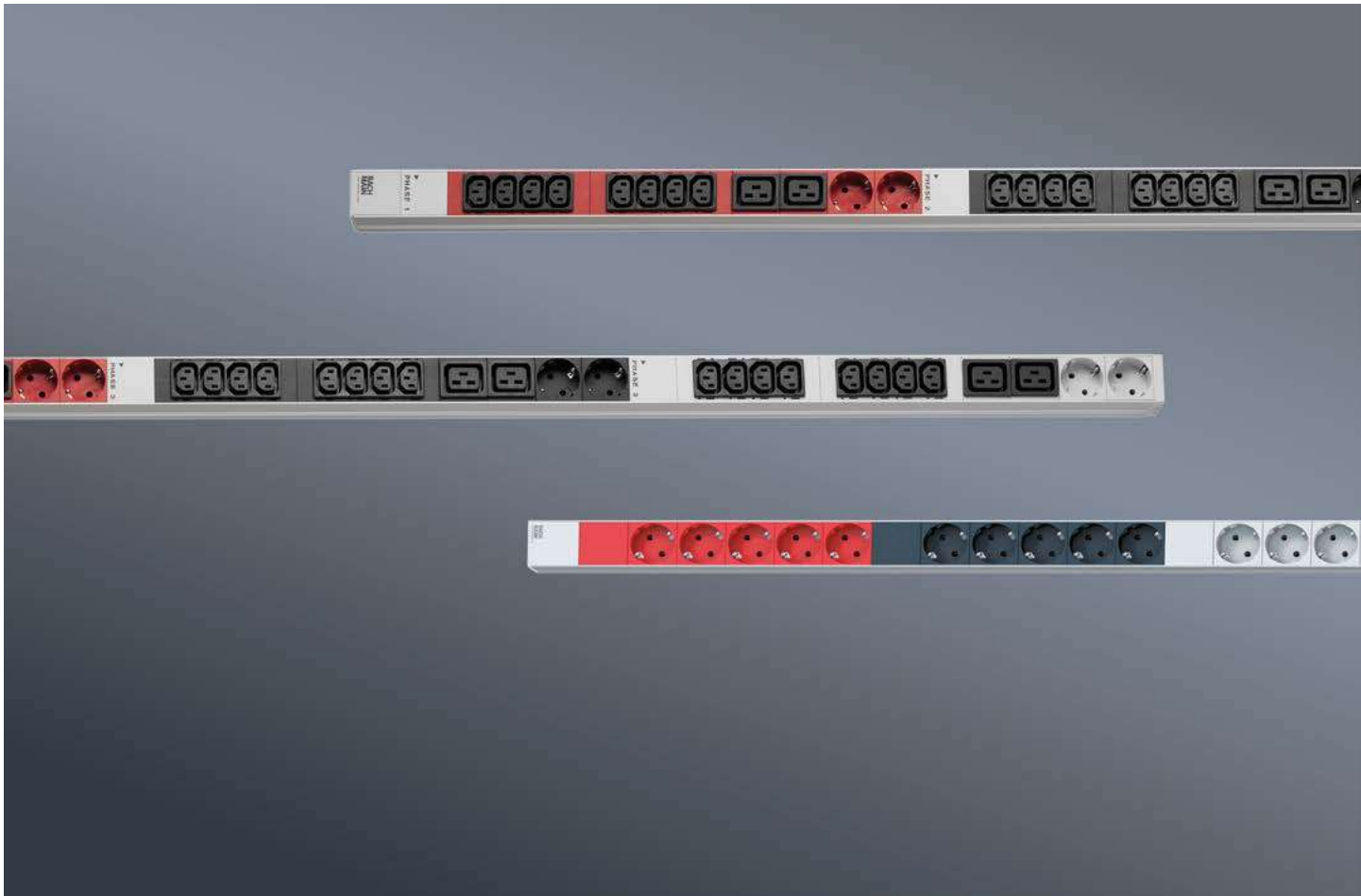
\* C19 with IEC lock / \*\* WEF = Wire end ferrules



800.0105



800.0100



# PDU Basic 1U – country-specific versions



The counterpart to the horizontal 19" PDU (Power Distribution Unit) – a PDU in a compact 1U size for installing vertically in the sides of server racks (ZeroU) and other applications in which IT devices are powered by **country-specific outlets**. The PDUs are reliable and durable thanks to their robust aluminium profile and high-quality components. Their modular design and the versatile function modules enable them to be set up to satisfy customised requirements. Furthermore, the **high packing and power density** ensure efficient power distribution.

Alternative versions with international outlets (C13/C19) are available on request.

## BENEFITS

- **Efficient power distribution**
- **Space-saving design**
- **Individual function modules**
- **Reliable power supply**

**PDU Basic 1U (230-400 V / 50 Hz) | Incl. mounting brackets**

#		C13	C19	Outlets in total	Phase(s)	Cable length	Plug	Rated voltage (V)	Current per phase (A)	Cable type	Miniature circuit breaker	
<b>16 A / 230 V</b>												
333.417	3			3	1	2	CEE 7/7	230	16	H05VV-F 3G 1,50 mm <sup>2</sup>		208 x 44 x 47 mm
333.0122	4			4	1	2	CEE 7/7	230	16	H05VV-F 3G 1,50 mm <sup>2</sup>		208 x 44 x 47 mm
333.413	12			12	1	2	CEE 7/7	230	16	H05VV-F 3G 1,50 mm <sup>2</sup>		565 x 44 x 47 mm
<b>16 A / 230 V / With surge protection</b>												
800.2334	12			12	1	2	CEE 7/7	230	16	H05VV-F 3G 1,50 mm <sup>2</sup>		608 x 44 x 47 mm
<b>16 A / 400 V</b>												
800.0107	15			15	3	3	CEE 16A	400	16	H05VV-F 5G 2,50 mm <sup>2</sup>		821 x 44 x 47 mm
800.2337	3	18		21	3	3	CEE 16A	400	16	H05VV-F 5G 2,50 mm <sup>2</sup>		734 x 44 x 47 mm
800.0109	6	12		18	3	3	CEE 16A	400	16	H05VV-F 5G 2,50 mm <sup>2</sup>		821 x 44 x 47 mm
800.2339	6	24		30	3	3	CEE 16A	400	16	H05VV-F 5G 2,50 mm <sup>2</sup>		1203 x 44 x 47 mm
800.2342	6	36		42	3	3	CEE 16A	400	16	H05VV-F 5G 2,50 mm <sup>2</sup>		1458 x 44 x 47 mm
800.0113*	12	36		48	3	3	2 x WEF	400	16	H05VV-F 2 x 5G 2,50 mm <sup>2</sup>		1840 x 44 x 47 mm
800.2283	6	24	6	36	3	3	CEE 16A	400	16	H05VV-F 5G 2,50 mm <sup>2</sup>		1457 x 44 x 47 mm
800.1453	6	36	6	48	3	3	CEE 16A	400	16	H05VV-F 5G 2,50 mm <sup>2</sup>		1713 x 44 x 47 mm
<b>32 A / 400 V</b>												
800.2340	6	24		30	3	3	CEE 32A	400	32	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	1586 x 44 x 47 mm

\* WEF = Wire end ferrules



333.417



333.0122



333.413



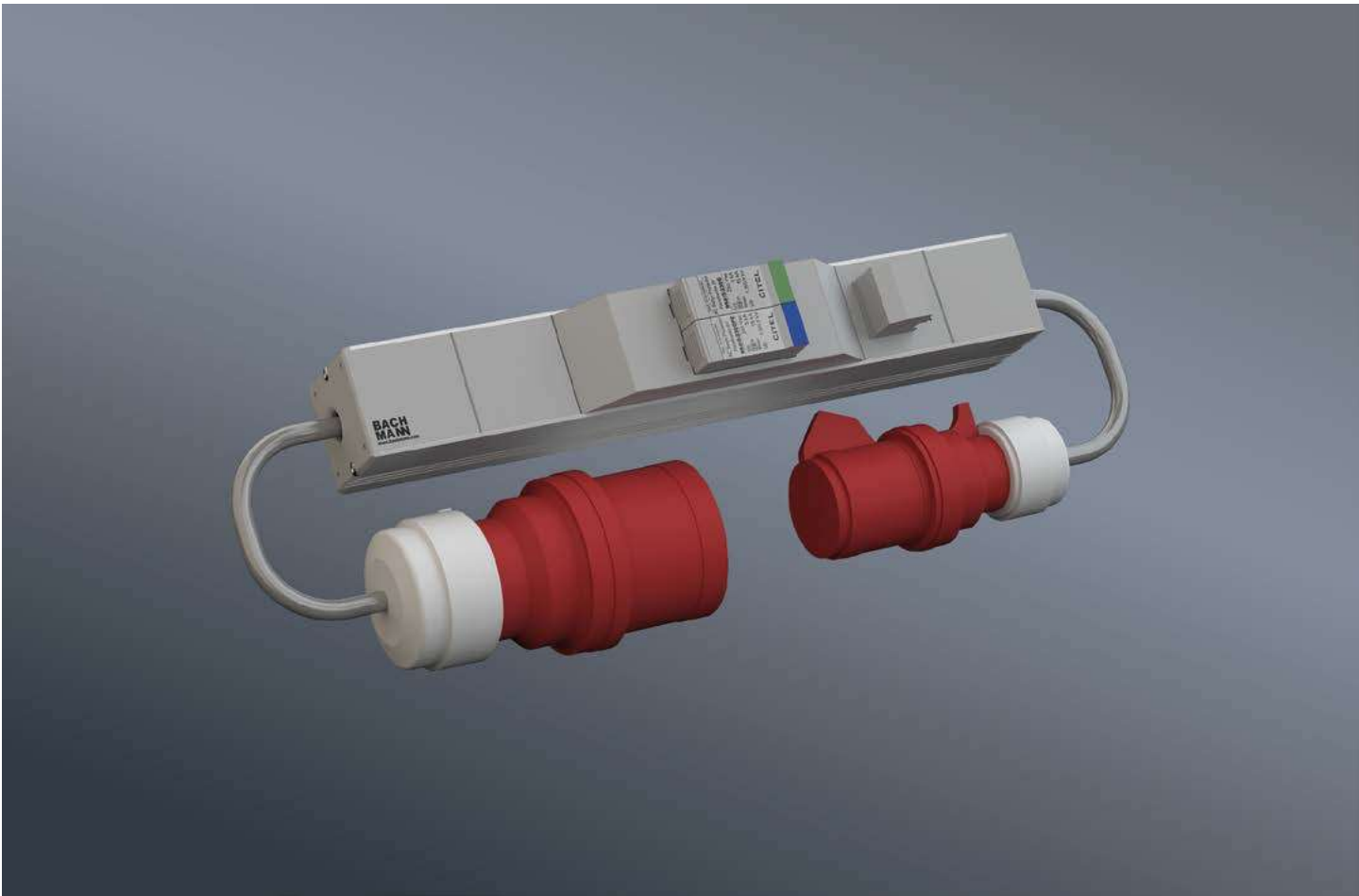
800.2334



800.0107



800.0113



# Inline PDU Basic 1U

A PDU (Power Distribution Unit) in a compact 1U size. For installing in server racks and other applications in which IT devices or existing socket strips need to be powered. The PDUs are reliable and durable thanks to their robust aluminium profile and high-quality components.

The Inline PDU is the ideal intermediary **retrofit solution** for safeguarding connected equipment with protective components like surge protection devices or miniature circuit breakers. This solution can be customised at any time, in order to satisfy any requirements thanks to the versatile function modules.

## BENEFITS

- **Simple, cost-saving retrofit solution**
- **Increased device protection**
- **Individual function modules**
- **Reliable power supply**

**19" Fusebox (400 V / 50 Hz) | Incl. mounting brackets**

- Power input: 2.0 m H05VV-F 5G 4.00 mm<sup>2</sup> with CEE 32 A plug
- Power output: 2 x 1.0 m H05VV-F 5G 2.50 mm<sup>2</sup> with CEE 16 A coupling

#	Phase(s)	Rated voltage (V)	Current per phase (A)	Miniature circuit breaker	
800.0120	3	400	32	6 x C16A	440 x 44 x 47 mm



800.0120

**Inline PDU Basic 1U (230-400 V / 50 Hz) | Incl. mounting brackets**

- Power input: 1.0 m H05VV-F with CEE plug
- Power output: 1.0 m H05VV-F with CEE coupling

#	Phase(s)	Rated voltage (V)	Current per phase (A)	Cable type	
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800.2623



800.2546

**With replaceable surge protection and fault indicator contact | CITEL SPD Type 3**

800.2621	1	230	16	H05VV-F 3G 2,50 mm <sup>2</sup>	261 x 44 x 47 mm
800.2522	3	400	16	H05VV-F 5G 2,50 mm <sup>2</sup>	303 x 44 x 47 mm
800.2622	1	230	32	H05VV-F 3G 4,00 mm <sup>2</sup>	261 x 44 x 47 mm
800.2623	3	400	32	H05VV-F 5G 4,00 mm <sup>2</sup>	303 x 44 x 47 mm



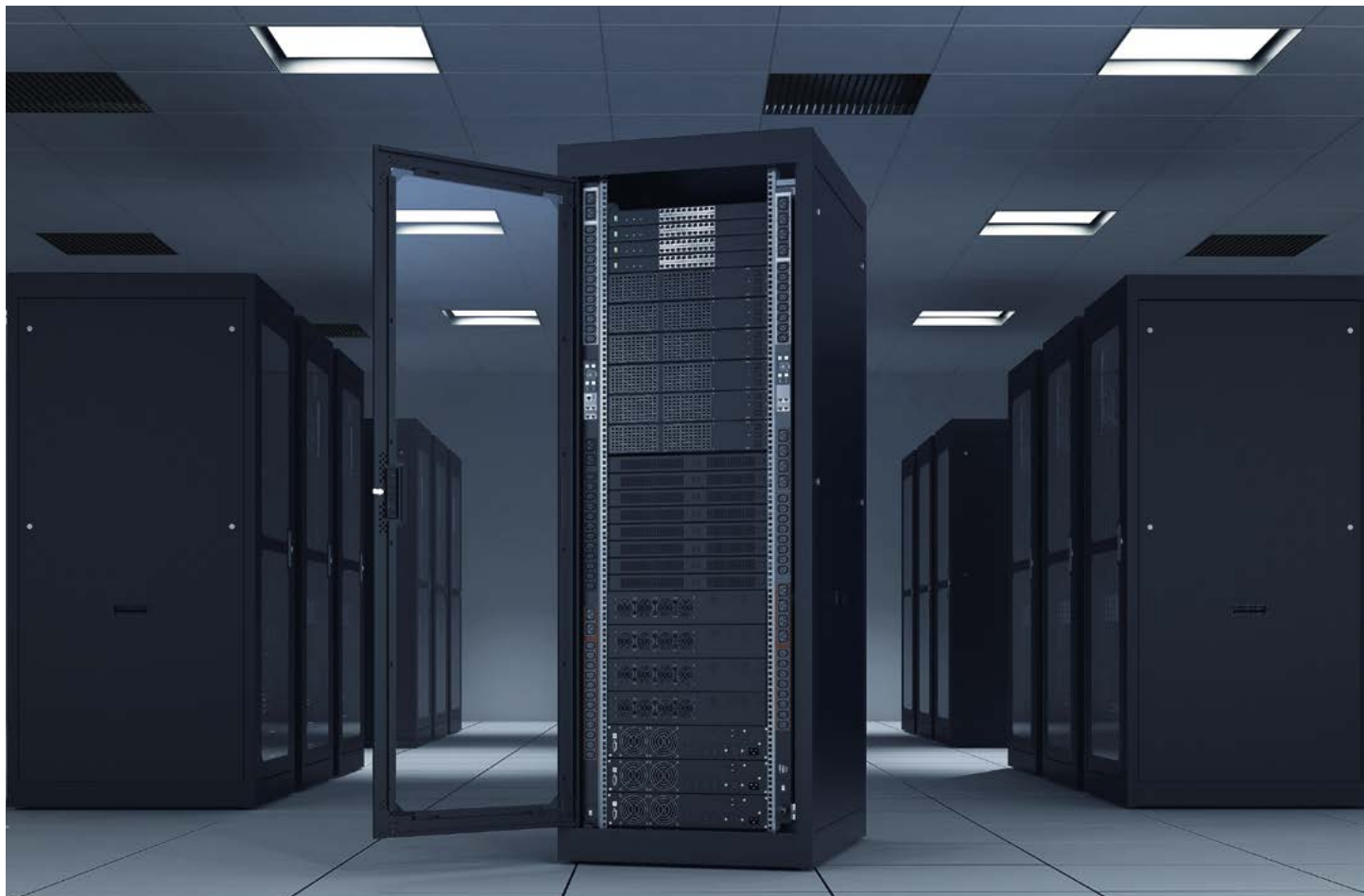
800.2638

**With surge protection**

800.2548	1	230	16	H05VV-F 3G 2,50 mm <sup>2</sup>	217 x 44 x 47 mm
800.2546	3	400	16	H05VV-F 5G 2,50 mm <sup>2</sup>	343 x 44 x 47 mm
800.2638	1	230	32	H05VV-F 3G 4,00 mm <sup>2</sup>	238 x 44 x 47 mm
800.2960	3	400	32	H05VV-F 5G 4,00 mm <sup>2</sup>	384 x 44 x 47 mm







# BlueNet – Smart Solutions

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

## Energy management

Monitor energy costs with BlueNet. All data is illustrated using the software and display. Loads can be distributed so that failures caused by overloaded power circuits can be prevented and so that messages are automatically triggered by means of variable threshold values. Restarts controlled by web link further increase availability and flexibility. The BlueNet technology can also be easily integrated into superordinate software solutions using extensive and integrated interfaces.

## Safety

Every BACHMANN PDU is tested and documented

during production using a computer-based test program. Electronic components are continually subjected to "stress tests" to guarantee consistent quality. BlueNet is therefore only integrated into compact, very robust yet weight-optimised aluminium housings. Most of the requirements of relevant standards and guidelines are exceeded.

## Energy-efficiency

BACHMANN BlueNet PDUs save energy. The technology used has some of the lowest internal consumption levels for intelligent measurement systems in the world. The modular structure of the BlueNet PDUs guarantees maximum packing density. The tiny amount of space needed by the PDUs leaves room for cabling and air conditioning in the rack. The BlueNet series BN2000 is one of the most compact power metering solutions with integrated network and sensor interface anywhere in the world.

**BN3000 – BN7500**









The BN3000 – BN7500 series of our BlueNet products is synonymous with state-of-the-art technology – whether in the form of power distribution units (PDUs) that can be cascaded via Modbus, integrated, AC/DC-sensitive Residual Current Monitoring, surge protection, command line tools or the rotating

OLED display.

And there's more: our features represent safety and efficiency; and can be integrated into DCIM systems. From a single workplace, you can monitor and control your data centre's complex power grid locally or remotely.

# BlueNet

*Efficient Power Management*

	PDUs for metering				PDUs for metering and switching	
	BN0500	BN2000	BN3000	BN3500	BN7000	BN7500
 Surge protection	(•)	(•)	(•)	(•)	(•)	(•)
 Measurement per phase	•	•	•	•	•	•
 Ethernet		•	•	•	•	•
 Sensors		•	•	•	•	•
 Modbus RTU/TCP			•	•	•	•
 Type B RCM			(•)	(•)	(•)	(•)
 Switching					•	•
 Measurement per port				•		•

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

# BlueNet features

	BN0500	BN2000	BN3000	BN3500	BN7000	BN7500
<b>Measurement</b>						
Current	•	•	•	•	•	•
Voltage	•	•	•	•	•	•
Phase angle	•	•				
Frequency	•	•	•	•	•	•
Active power	•	•	•	•	•	•
Reactive power		•	•	•	•	•
Apparent power		•	•	•	•	•
Energy meter	•	•	•	•	•	•
Power factor		•	•	•	•	•
Neutral conductor monitoring		•	•	•	•	•
Measurement per phase	•	•	•	•	•	•
Measurement per socket				•		•
Optional Residual Current Monitoring (type B)			•	•	•	•
Measurement accuracy	2 %	1 %	1 %	1 %	1 %	1 %
<b>Display</b>						
Type	LCD	TFT	OLED	OLED	OLED	OLED
Display can be rotated using software		•	•	•	•	•
<b>Switching</b>						
Sockets can be switched					•	•
Switching with bistable relays					•	•
<b>Operation</b>						
Web browser		•	•	•	•	•
Local	•	•	•	•	•	•

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

## Cascading using the Master/Slave concept



A BlueNet Master PDU can manage up to 11 BlueNet Slave PDUs via a separate Modbus connection. This means you can save on expensive network ports and are able to define groups of outlet ports that include several PDUs. Grouping in this way allows you to reset multiple power supply units of a server or switch at the same time.

Every BlueNet PDU features Modbus RTU interfaces to facilitate cascading. The PDUs are connected to one another via a standard network cable – there is no need for any special cables. With this type of cascading, you only need to provide one network port for a total of six racks with two BlueNet PDUs each, for example. This makes the communication network less complex and reduces the number of IP addresses required.

The PDUs from series BN7000 and BN7500 are PoE-capable (PoE: Power over Ethernet), i.e. if you were to use a PoE switch, it would still be possible to assess the status of the PDUs and the sensors even if the power fails.

## Customising with the BACHMANN modular principle

Whether home to just one rack or one thousand: every data centre has its own particular conditions that must be taken into account, especially when it comes to configuring the power supply. We are well aware that a professional and homogeneous data centre power supply requires PDUs that meet your needs, be that through a wide range of country-specific outlet ports, a variety of protection options or supplementary modules

providing modular surge protection or Residual Current Monitoring, for example. That's why, with the BlueNet series, we offer tailor-made units that extend far beyond the standard product range – even in small quantities. When used in conjunction with the BACHMANN modular system, this gives you incredible flexibility when configuring our PDUs, so you can achieve optimum energy management in your data centre.





## Energy monitoring and management



Make optimum use of your resources with BlueNet: the transparency that BlueNet provides enables you to effectively measure, assess and optimise energy efficiency and costs, document peak loads and plan capacity more efficiently. A measurement is taken at each output, so the requirements of granularity level 3 outlined in the data centre standard EN 50600 are met.

The high sensor measuring accuracy of  $\pm 1\%$  is an important quality feature of the BlueNet series. You can take measurements for each phase at the input of every PDU or for each output port (BlueNet BN7500), depending on your requirements. Thanks to this measuring accuracy, you will not only be able to optimise your data centre's energy costs, but also to pass them on for a specific application or customer with  $\pm 1\%$  billing accuracy.

## Colour coding



The availability of any data centre is based on various redundancy concepts, which usually feature a double power supply for all IT components at rack level. To quickly distinguish between PDUs and match them up more easily in the rack, the BlueNet PDUs are available in different colours. Users can therefore quickly differentiate between the A and B supply during the installation phase or during service/maintenance work. Different application or customer areas in the data centre (known as cages) can also be equipped with different coloured PDUs.

Clear colour coding also makes installation and mounting easier. Easy-to-mount accessories that enable the PDU to be positioned at all rack levels complete the overall BACHMANN package.

## Safe connections

BlueNet provides various ways of safely connecting servers with PDUs. In addition to slide-on locking clips, which secure two C13 ports, there is also the height-adjustable universal interlock, which can be used to lock both C13 and C19 ports. With the aid

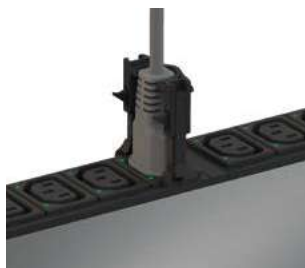
of SecureSleeves, the plugs can not only be secured, but also colour-coded – without additional, special cables having to be bought.



**Universal interlock C19**



**Locking clips**



**Universal interlock C13**



**SecureSleeves**

## Surge protection



Standards DIN VDE 0100-443 and IEC 60364-4-44 stipulate that a surge protection concept is a fundamental component of any new building, including new data centres that are going to be built. The effective protection zone of an SPD (Surge Protection Device) has been taken into consideration in the standards DIN VDE 0100-534 and IEC 60364-4-44 for the first time, with a maximum zone of 10 m. If this maximum distance cannot be met, then additional surge protection (type 3) should be installed as close to the protected device as possible. The experts here at BACHMANN recommend installation in the PDU, directly to the devices.

Once the new data centre is completed and put into service, a further challenge can arise: what happens if the surge protection is triggered due to atmospheric influences or a switching process?

Our BlueNet series PDUs, with their standard-compliant and, above all, modular overvoltage concept are a great help here. The type 3 SPD protection modules can be replaced tool-free during operation, so the power supply will no longer have to be interrupted if the device is tripped or needs to be changed. This method is a much cheaper way of restoring the function of the surge protection device. In addition, the protection status of the arrester module is monitored by the PDU, visualised in the BlueNet software and an alarm can be issued as a signal sequence via various communication interfaces.

## BlueNet sensors

Optimum operation of a data centre is conditional on a granulated measurement of the temperature, air humidity and other operating states directly in the server rack. These requirements can be met by using the BlueNet temperature sensor, combination sensor (temperature/air humidity) and the GPIO Module.

The sensors and/or the GPIO Module are connected to the sensor ports of the BlueNet PDU using Plug & Play and monitored continuously. If values exceed or fall below config-

urable threshold values, this is detected and signalled at an early stage. In this way, we can ensure the air conditioning runs efficiently in your data centre, while improving operating conditions for your IT equipment at the same time. The availability of the data centre as a whole can thus be guaranteed, any loss of data caused by sudden interruptions to operation can be avoided and the energy footprint can be optimised.





## GPIO Module

The GPIO Module (GPIO: general purpose input/output) allows you to expand BlueNet BN3000 – BN7500 PDUs by adding external sensors and/or actuators. Floating contacts provided on-site can then be queried and evaluated, and signalling can be performed via internal relay contacts, for example. Furthermore, it enables a physical connection to be established with the building control system for issuing alarms in response to set threshold values, such as when the residual current is exceeded.

The GPIO Module has four programmable in- and outputs that are visualised in the software interface of BlueNet BN3000 – BN7500. The PDU in the server rack therefore evolves into a central, intelligent control unit for all physical parameters.

The input contacts provide an auxiliary voltage of 7 V and can be assigned to signal sequences. The isolated output contacts can

be activated automatically by signal chains or manually via the software interface. Bistable relays enable loads of up to a maximum of 2 A/230 V AC or 2 A/30 V DC to be switched.

The GPIO Module is connected to one of the two sensor ports of the BlueNet BN3000 – BN7500 PDUs via a standard network cable. An external voltage supply is not required to operate the GPIO Module.

### Benefits

- Simple monitoring and signalling
- Inputs and outputs can be visualised in the software user interface
- Configuration via BlueNet software
- Easy installation



You will find the **GPIO Module** (802.0100) on page 293.

## Monitoring with BlueNet software



As well as the local display in every PDU, the BlueNet software with integrated Ethernet interface also gives you the means to monitor data at a central location from anywhere in the world, using standard browsers and the internet. For the implementation of the BlueNet PDUs in a higher-level monitoring or DCIM system (DCIM: Data Centre Infrastructure Management), we provide you with a suitable MIB file (MIB: Management Information Base). This way, you always have an overview of your PDUs: these intelligent PDUs provide you with current status information in real time. You can then respond easily and immediately in the form of automated actions via the DCIM system.

Communication is encrypted and complies with common security standards. Any threshold value, network parameter or alert settings can thus be performed. For example, if a particular threshold value is reached, an alert can be e-mailed to the responsible employee's smartphone so appropriate measures can be taken straight away if necessary. In addition, control via the command line interface or SNMP is also possible, in order to connect to existing or higher-level systems.

Access rights to the PDU can be defined on a user-specific basis and restricted to read-only data access, for example. Only the administrator has full read and write access. The administrator can create other users and define their rights at the PDU level.

## Type B Residual Current Monitoring (RCM)

Using type B Residual Current Monitoring (RCM) allows changes in the level of insulation of your power supply to be detected promptly, before protective devices are tripped by a residual current that puts people at risk and involves the risk of fire which would lead to the triggering of safety mechanisms and thus the failure of critical IT infrastructure. This time advantage allows countermeasures to be planned and contributes to the high availability of the power supply and, therefore, the data centre.

Thanks to our BlueNet PDU, this Residual Current Monitoring is not just undertaken at central measuring points in the main distribution or sub-distribution, but granulated at rack level in

every PDU and even for every phase. In the event of escalation, this will help to locate the sources of errors faster and rectify them efficiently.

The residual current sensor conforms to EN 62020 and provides a high physical granularity, maximum safety and high availability. This AC/DC sensitive technology (type B) monitors all kinds of residual current and enables the user to differentiate between alternating (AC) and direct (DC) residual currents. Leakage currents, which are physically required, can therefore be distinguished from real residual currents.



## Neutral conductor monitoring

Generally speaking, operators of data centres want to achieve almost symmetrical utilisation of the line conductors (phases), although this is not always possible. On top of this, the multitude of switching power supplies in the connected IT devices generate an unpleasant side effect in the form of unwanted harmonic waves, which superimpose the 50 Hz fundamental frequency in the grid.

The superimposed harmonics mean there is no longer a value of “zero” at the neutral conductor; rather, in the worst-case scenario there will be a much higher value, which can even reach 1.73 times the nominal current of the line conductors. It is essential for this huge current load to be monitored, which our BlueNet PDUs do with additional sensors.

Another aspect that makes neutral conductor monitoring necessary: incorrect installation may lead to wrong or loose connections of the neutral conductor. Depending on the internal resistances of the connected IT equipment, this could lead to extreme overvoltages and, consequently, to the IT devices being seriously damaged or even destroyed. This is another reason why neutral conductor monitoring is so important.

All of the above means that neutral conductor monitoring is a requirement of EN 50600, the standard for data centres. BACHMANN's three-phase BlueNet PDUs from series BN3000 – 7500 come equipped with this function, which will be beneficial when certifying your data centre in accordance with EN 50600.

## Permanent monitoring of systems and operating equipment

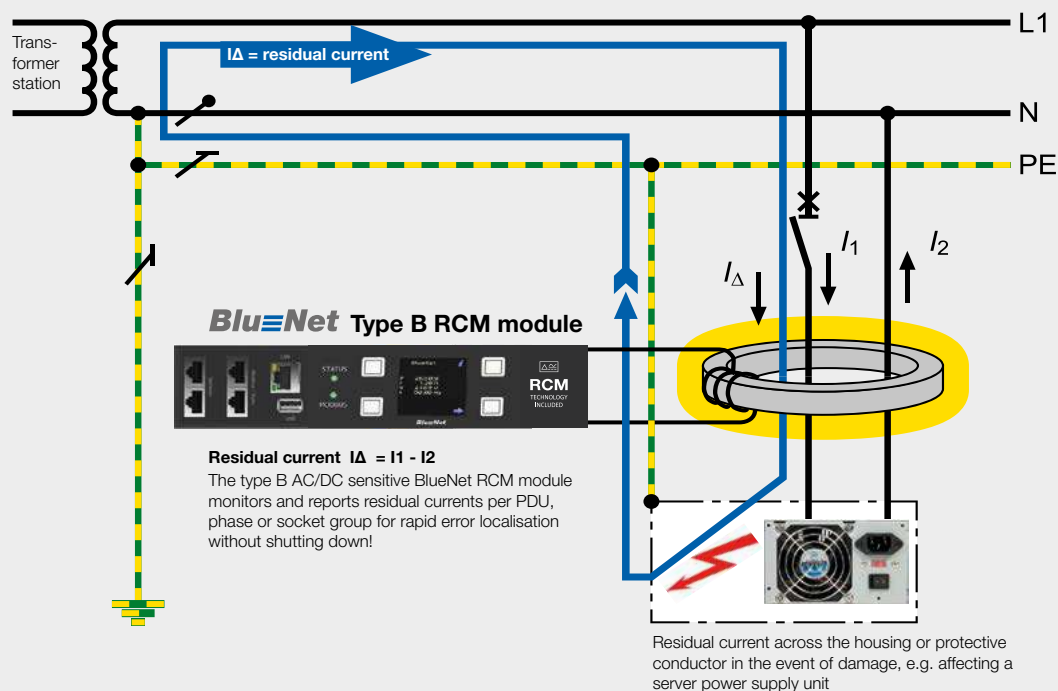
Permanent monitoring is absolutely essential in modern information technology. Continuous monitoring equipment reduces the work involved in statutory retests. In accordance with accident prevention regulations (DGUV, rule 3), the system's testing dates can be adapted to suit actual circumstances and optimise costs using permanent RCM.

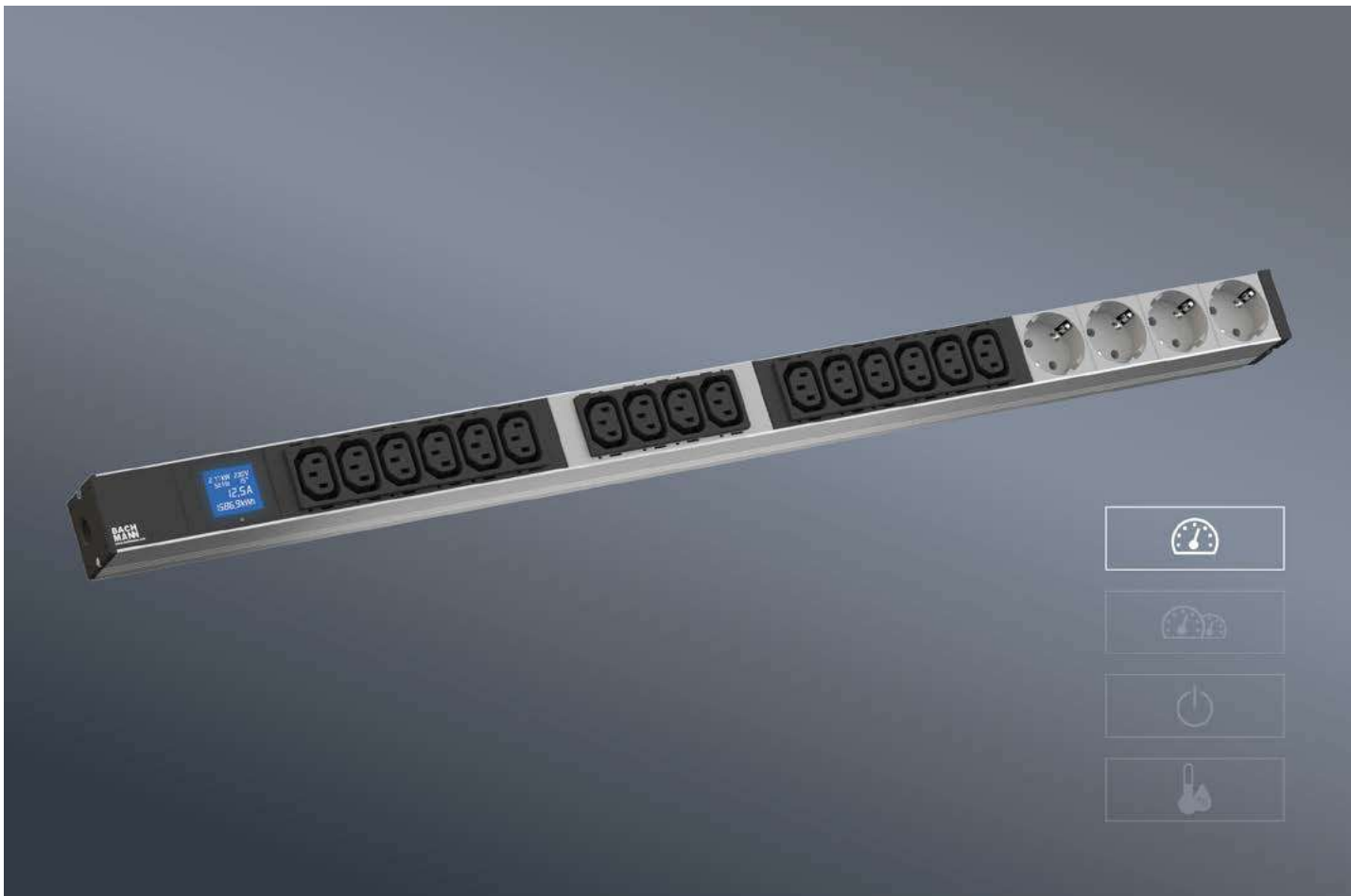
The Residual Current Monitoring (RCM) is able to record residual currents of 1 mA and higher. Residual current activation values can be set in the BlueNet software. The BlueNet software

reliably signals instances where these values are exceeded. All measured values are transferred to superordinate systems via the Ethernet interface. A local display in the PDU also provides information about all important measured values. An RCM alarm or warning can also be triggered via the isolated PDU output or by the optional GPIO Module.

This setup ensures that the availability of the power supply has absolute priority at all times and that the system is not unexpectedly shut down in the event of errors.

### Power circuit with Residual Current Monitoring (RCM)





# BN0500

## Measurement per phase

The BN0500 is an intelligent PDU (Power Distribution Unit). It is ideal as a **cost-effective entry-level device** for energy measurement at PDU level.

Thanks to its compact design (1U), installing the BN0500 is flexible and space-saving, and therefore enables optimised cabling and air flow in the server rack.

The following measurement values are shown on the backlit display:

Current [A]  
Voltage [V]  
Frequency [Hz]  
Active power [kW]  
Active energy [kWh], can be reset  
Phase-shift angle [°]

The BN0500 is ideal for simpler applications in which a local measurement value display is sufficient for monitoring the power requirement and capacity utilisation whenever necessary.

Optional technology modules:  
Surge Protection Device (SPD), housing colour



This PDU is available as a 19" version or for vertical installation.

Further product configurations available on request.

## BENEFITS

- **Cost-effective, intelligent PDU**
- **Clear display of measurement values**
- **Illuminated display**
- **Easy to use**
- **Compact, flexible and space-saving**

**19" BN0500 (230 V / 50 Hz) | Incl. mounting brackets**

#					C13	C19	Outlets in total	Plug	Thermal/micro fuse (A)	Cable length	Cable type	
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**13 A / 230 V**

800.2068		6					6	UK		2	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm
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**16 A / 230 V**

800.2054	8						8	CEE 7/7		2	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm
800.2067			8				8	CEE 7/7		2	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm
800.2063				7 (T13)			7	T23	10	3	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm
800.2055					12		12	CEE 7/7		2	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm
800.2154						8	8	CEE 7/7		2	H05VV-F 3G 1,50 mm <sup>2</sup>	440 x 44 x 47 mm

**BN0500 (230-400 V / 50 Hz) | Incl. mounting brackets**

#		C13	C19	Outlets in total	Plug	Cable length	Cable type	Miniature circuit breaker	
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**16 A / 230 V**

800.2395		16	4	20	CEE 16A	3	H05VV-F 3G 1,50 mm <sup>2</sup>		746 x 44 x 47 mm
800.2135*		24	4	28	CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		958 x 44 x 47 mm
800.2396	4	16		20	CEE 16A	3	H05VV-F 3G 1,50 mm <sup>2</sup>		746 x 44 x 47 mm

**16 A / 400 V**

800.2398		18	3	21	CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		978 x 44 x 47 mm
800.2400		24	6	30	CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1360 x 44 x 47 mm
800.2403		36	6	42	CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1616 x 44 x 47 mm
800.2399	3	18		21	CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		978 x 44 x 47 mm
800.2401	6	24		30	CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1360 x 44 x 47 mm
800.2404	6	36		42	CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1616 x 44 x 47 mm
800.2402	6	24	6	36	CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1787 x 44 x 47 mm

**32 A / 230 V**

800.2405		16	4	20	CEE 32A	3	H05VV-F 3G 4,00 mm <sup>2</sup>	2 x C16A	916 x 44 x 47 mm
800.2407		24	4	28	CEE 32A	3	H05VV-F 3G 4,00 mm <sup>2</sup>	2 x C16A	1086 x 44 x 47 mm

**32 A / 400 V**

800.2409	6	24		30	CEE 32A	3	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	1787 x 44 x 47 mm
800.2408		24	6	30	CEE 32A	3	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	1787 x 44 x 47 mm
800.2410		36	6	42	CEE 32A	3	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	2042 x 44 x 47 mm

\* With integrated IEC lock



Variants with replaceable type 3 surge protection available on request.



# BN2000

## Measurement per phase, network-capable

The BN2000 is an intelligent PDU (Power Distribution Unit). It is the ideal **entry-level device for network-capable energy measurement technology** at PDU level. The various measurement values in the data centre can be viewed at any time, whether on-site or remotely via Ethernet.

Thanks to its compact design (1U), installing the BN2000 is flexible and space-saving, and therefore enables optimised cabling and air flow in the server rack.

The BN2000 features one continuous energy meter and one energy meter that can be reset, which enables period-specific measurements. All of the BN2000 functions can be controlled remotely via the web server's user interface or via SNMP-capable software. An integrated alarm function (SNMP traps) for current, neutral-conductor current, air temperature and humidity enables automatic server rack monitoring.

The following measurement values are displayed for each phase on the backlit TFT display and in the integrated web server:

Current [A]  
Neutral conductor current [A] for three-phase versions  
Voltage [V]  
Frequency [Hz]  
Active power [kW]

Reactive power [kVAr]  
Apparent power [kVA]  
Active energy [kWh]  
Reactive energy [kVArh]  
Apparent energy [kVAh]  
Power factor

Furthermore, the flexible design of the PDU and numerous technology modules make a multitude of customised versions possible.

Optional technology modules:  
Temperature and air humidity sensor (air temperature [°C], relative humidity [% RH]), Surge Protection Device (SPD), housing colour



This PDU is available as a 19" version or for vertical installation.

Further product configurations available on request.

## BENEFITS

- **Cost-effective, network-capable PDU**
- **Intuitive operation**
- **Display with rotatable screen**
- **Optional climate sensors**
- **Compact, flexible and space-saving**

**BN2000 (230-400 V / 50 Hz) | incl. mounting kit**

#		C13	C19	Outlets in total	Phase(s)	Cable length	Cable type	Plug	Miniature circuit breaker	
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**16 A / 230 V**

329.3009	6			6	1	2	H05VV-F 3G 1,50 mm <sup>2</sup>	CEE 7/7		440 x 44 x 47 mm
329.3010		8		8	1	2	H05VV-F 3G 1,50 mm <sup>2</sup>	CEE 7/7		440 x 44 x 47 mm
329.3057*		24	3	27	1	3	H05VV-F 3G 2,50 mm <sup>2</sup>	CEE 16A		1033 x 44 x 47 mm

**16 A / 400 V**

329.3059*		24	6	30	3	3	H05VV-F 5G 2,50 mm <sup>2</sup>	CEE 16A		1373 x 44 x 47 mm
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**32 A / 230 V**

329.3056*		24	4	28	1	3	H05VV-F 3G 4,00 mm <sup>2</sup>	CEE 32A	2 x C16A	1331 x 44 x 47 mm
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**32 A / 400 V**

329.3058*		24	6	30	3	3	H05VV-F 5G 4,00 mm <sup>2</sup>	CEE 32A	6 x C16A	1883 x 44 x 47 mm
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\* With integrated IEC lock




329.3009



329.3010


**BN2000 Concentrator**

#	
329.3201	Including license for 10 BN2000 PLC PDUs   19" housing   No fan   2 x 3 phase   230 V / 400 V



329.3201

**BN2000 Inline (230-400 V / 50 Hz)**

#	Phase(s)	Rated voltage (V)	Current per phase (A)	
329.3032	1	230	16	232 x 104 x 102 mm
329.3033	3	400	16	232 x 104 x 102 mm
329.3036	1	230	32	232 x 104 x 102 mm
329.3037	3	400	32	232 x 104 x 102 mm



329.3032



329.3033



329.3036



Variants with replaceable type 3 surge protection available on request.





# BN3000

## Measurement per phase, network-capable and multifunctional

The BN3000 is an intelligent PDU (Power Distribution Unit). As with the BN2000, it enables measurements for each phase at PDU level via the network. It is also equipped with **additional intelligent functions**, therefore enabling professional energy and capacity management.

Thanks to its compact design (1U), installing the BN3000 is flexible and space-saving, and enables optimised cabling and air flow in the server rack.

Whether on-site or remotely via Ethernet: energy consumption measurements can be viewed locally on the display or via the web server using the clear and highly functional software interface. Furthermore, the BN3000 can be integrated into corresponding software systems via SNMP or Modbus TCP, for example. Granular measurement recording accompanied by neutral conductor monitoring and RCM type B (as an option) ensures maximum safety in the data centre. In addition, intelligent Master/Slave cascading in the PDU network enables cost-optimised network management.

The following measurement values are displayed per phase on the illuminated display and in the integrated web server:

Current [A]  
Neutral conductor current [A] for three-phase versions

Voltage [V]  
Frequency [Hz]  
Active power [kW]  
Reactive power [kVAR]  
Apparent power [kVA]  
Active energy [kWh]  
Reactive energy [kVARh]  
Apparent energy [kVAh]  
Power factor

Furthermore, the flexible design of the PDU and different technology modules make a multitude of customised versions possible.

Optional technology modules:  
Residual Current Monitoring (RCM type B) AC [mA] and DC [mA], Surge Protection Device (SPD), GPIO module, housing colour, temperature and air humidity sensors

This PDU is available as a 19" version or for vertical installation.

Further product configurations available on request.

## BENEFITS

- **Measurement per phase via network**
- **Display with rotatable screen**
- **Optional technology modules such as RCM type B**
- **Cost benefit through Master/Slave cascading**
- **A large number of protocols and interfaces supported**

**BN3000 (230-400 V / 50 Hz) | incl. mounting kit**

#		Slave variant	C13	C19	Outlets in total	For min. 46U server racks	Plug	Cable length	Cable type	Miniature circuit breaker	
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**16 A / 230 V**

802.3006	4		16		20		CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		1102 x 44 x 65 mm
802.3004			16	4	20		CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		1102 x 44 x 65 mm
802.3041			24	4	28		CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		1533 x 44 x 65 mm

**16 A / 230 V / Residual Current Monitoring per supply cable**

802.3055			16	4	20		CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		1103 x 44 x 65 mm
802.3055-S		•	16	4	20		CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		1103 x 44 x 65 mm

**16 A / 400 V**

802.3014	6		24		30		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1533 x 44 x 65 mm
802.3016	6		24	6	36		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1762 x 44 x 65 mm
802.3012			24	6	30		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1533 x 44 x 65 mm
802.3012-S		•	24	6	30		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1533 x 44 x 65 mm

**16 A / 400 V / Residual Current Monitoring per phase**

802.3023	3		18		21		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1500 x 44 x 65 mm
802.3022			18	3	21		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1234 x 44 x 65 mm
802.3024			24	6	30		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1533 x 44 x 65 mm
802.3024-S		•	24	6	30		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1533 x 44 x 65 mm

**16 A / 400 V / Residual Current Monitoring per supply cable**

802.3030			24	12	36		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1762 x 44 x 65 mm
802.3030-S		•	24	12	36		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1762 x 44 x 65 mm

**32 A / 230 V**

802.3007	4		16		20		CEE 32A	3	H05VV-F 3G 4,00 mm <sup>2</sup>	2 x C16A	1234 x 44 x 65 mm
802.3005			16	4	20		CEE 32A	3	H05VV-F 3G 4,00 mm <sup>2</sup>	2 x C16A	1234 x 44 x 65 mm

**32 A / 400 V**

802.3013			24	6	30		CEE 32A	3	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	1762 x 44 x 65 mm
802.3013-S		•	24	6	30		CEE 32A	3	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	1762 x 44 x 65 mm
802.3019			36	6	42	•	CEE 32A	3	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	2170 x 44 x 65 mm
802.3019-S		•	36	6	42	•	CEE 32A	3	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	2170 x 44 x 65 mm



**32 A / 400 V / Residual Current Monitoring per phase**


802.3025			24	6	30		CEE 32A	3	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	1873 x 44 x 65 mm
802.3025-S		•	24	6	30		CEE 32A	3	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	1873 x 44 x 65 mm

**32 A / 400 V / Residual Current Monitoring per supply cable**

802.3031			24	12	36	•	CEE 32A	3	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	2037 x 44 x 65 mm
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#		Slave variant	C13	C19	Outlets in total	For min. 46U server racks	Plug	Cable length	Cable type	Miniature circuit breaker	
802.3031-S		•	24	12	36	•	CEE 32A	3	H05VV-F 5G 4,00 mm²	6 x C16A	2037 x 44 x 65 mm



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



# BN3500

## Measurement per phase and outlet, network-capable and multifunctional

The BN3500 is an intelligent PDU (Power Distribution Unit). As with the BN3000, it enables professional energy and capacity management through network-capable measurements for each phase at PDU level. In addition, **measurement values per outlet** can be monitored.

Thanks to its compact design (1U), installing the BN3500 is flexible and space-saving, and therefore enables optimised cabling and air flow in the server rack.

Whether on-site or remotely via Ethernet: energy consumption measurements can be viewed locally on the display or via the web server using the clear and highly functional software interface. Furthermore, the BN3500 can be integrated into third-party software systems via SNMP or Modbus TCP, for example. Granular measurement recording accompanied by neutral conductor monitoring and RCM type B (as an option) ensures maximum safety in the data centre. In addition, intelligent Master/Slave cascading in the PDU network enables cost-optimised network management.

The following measurement values are displayed for each phase and outlet on the illuminated display and in the integrated web server:

Current [A]  
Neutral conductor current [A] for three-phase versions  
Voltage [V]  
Frequency [Hz]  
Active power [kW]  
Reactive power [kVAr]  
Apparent power [kVA]  
Active energy [kWh]  
Reactive energy [kVArh]  
Apparent energy [kVAh]  
Power factor

Furthermore, the flexible design of the PDU and different technology modules make a multitude of customised versions possible.

Optional technology modules:  
Residual Current Monitoring (RCM type B) AC [mA] and DC [mA], Surge Protection Device (SPD), GPIO module, housing colour, temperature and air humidity sensors  
This PDU is available as a 19" version or for vertical installation.

Further product configurations available on request.

## BENEFITS

- **Measurement per phase and outlet**
- **Display with rotatable screen**
- **Optional technology modules such as RCM type B**
- **A large number of protocols and interfaces supported**
- **Cost benefit through Master/Slave cascading**

**BN3500 (230-400 V / 50 Hz) | incl. mounting kit**

#		Slave variant	C13	C19	Outlets in total	For min. 46U server racks	Plug	Cable length	Cable type	Miniature circuit breaker	
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**16 A / 230 V**

802.3502	4		18		22		CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		1500 x 44 x 65 mm
802.3500			18	4	22		CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		1234 x 44 x 65 mm
802.3500-S		•	18	4	22		CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		1234 x 44 x 65 mm
802.3519			24	4	28		CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		1533 x 44 x 65 mm

**16 A / 230 V / Residual Current Monitoring per supply cable**

802.3525			18	4	22		CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		1500 x 44 x 65 mm
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**16 A / 400 V**

802.3507	3		18		21		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1500 x 44 x 65 mm
802.3506			18	3	21		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1500 x 44 x 65 mm
802.3508			24	6	30		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1762 x 44 x 65 mm
802.3514			36	6	42	•	CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1943 x 44 x 65 mm
802.3514-S		•	36	6	42	•	CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1943 x 44 x 65 mm

**16 A / 400 V / Residual Current Monitoring per phase**

802.3522			24	6	30		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1762 x 44 x 65 mm
802.3522-S		•	24	6	30		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1762 x 44 x 65 mm

**32 A / 230 V**

802.3520			24	4	28		CEE 32A	3	H05VV-F 3G 4,00 mm <sup>2</sup>	2 x C16A	1500 x 44 x 65 mm
802.3501			24	6	30		CEE 32A	3	H05VV-F 3G 4,00 mm <sup>2</sup>	2 x C16A	1234 x 44 x 65 mm

**32 A / 400 V**

802.3511	6		24		30		CEE 32A	3	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	1817 x 44 x 65 mm
802.3509			24	6	30		CEE 32A	3	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	1762 x 44 x 65 mm
802.3509-S		•	24	6	30		CEE 32A	3	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	1762 x 44 x 65 mm

**32 A / 400 V / Residual Current Monitoring per phase**

802.3527			24	6	30		CEE 32A	3	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	1945 x 44 x 65 mm
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802.3500



802.3501



802.3506



802.3509



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



# BN7000

## Measurement per phase, switchable outlets, network-capable and multifunctional

The BN7000 is an intelligent PDU (Power Distribution Unit). As with the BN3000, it enables professional energy and capacity management through network-capable measurements for each phase at PDU level. In addition, the **outlets can be switched individually**.

Thanks to its compact design (1U), installing the BN7000 is flexible and space-saving, and therefore enables optimised cabling and air flow in the server rack.

Whether on-site or remotely via Ethernet: energy consumption measurements can be viewed locally on the display or via the web server using the clear and highly functional software interface. Furthermore, the BN7000 can be integrated into third-party software systems via SNMP or Modbus TCP, for example. Granular measurement recording accompanied by neutral conductor monitoring and RCM type B (as an option) ensures maximum safety in the data centre. In addition, intelligent Master/Slave cascading in the PDU network enables cost-optimised network management.

The following measurement values are displayed for each phase and outlet on the illuminated display, as well as in the integrated web server:

Current [A]  
Neutral conductor current [A] for three-phase versions

Voltage [V]  
Frequency [Hz]  
Active power [kW]  
Reactive power [kVAr]  
Apparent power [kVA]  
Active energy [kWh]  
Reactive energy [kVArh]  
Apparent energy [kVAh]  
Power factor

Furthermore, the flexible design of the PDU and different technology modules make a multitude of customised versions possible.

Optional technology modules:  
Residual Current Monitoring (RCM type B) AC [mA] and DC [mA], Surge Protection Device (SPD), GPIO module, housing colour, temperature and air humidity sensors

This PDU is available as a 19" version or for vertical installation.

Further product configurations available on request.

## BENEFITS

- **Measurement per phase – switchable outlets**
- **Display with rotatable screen**
- **Optional technology modules such as RCM type B**
- **Cost benefit through Master/Slave cascading**
- **A large number of protocols and interfaces supported**

**BN7000 (230-400 V / 50 Hz) | incl. mounting kit**

#		Slave variant	C13	C19	Outlets in total	For min. 46U server racks	Plug	Cable length	Cable type	Miniature circuit breaker	
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**16 A / 230 V**

802.7002	4		18		22		CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		1500 x 44 x 65 mm
802.7000			18	4	22		CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		1234 x 44 x 65 mm
802.7000-S		•	18	4	22		CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		1234 x 44 x 65 mm
802.7021			24	4	28		CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		1533 x 44 x 65 mm

**16 A / 230 V**

802.7014			36	6	42	•	CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1943 x 44 x 65 mm
802.7007	3		18		21		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1500 x 44 x 65 mm
802.7008			24	6	30		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1762 x 44 x 65 mm
802.7008-S		•	24	6	30		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1762 x 44 x 65 mm

**16 A / 400 V / Residual Current Monitoring per phase**

802.7026			24	6	30		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1762 x 44 x 65 mm
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**32 A / 230 V**

802.7001			16	4	20		CEE 32A	3	H05VV-F 3G 4,00 mm <sup>2</sup>	2 x C16A	1234 x 44 x 65 mm
802.7022			24	4	28		CEE 32A	3	H05VV-F 3G 4,00 mm <sup>2</sup>	2 x C16A	1533 x 44 x 65 mm

**32 A / 400 V**

802.7009			24	6	30		CEE 32A	3	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	1762 x 44 x 65 mm
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802.7000



802.7001



802.7009



Other product configurations (e.g. surge protection) and Slave variants (802.70XX-S) are available on request.





# BN7500

## Measurement per phase and outlet, switchable, network-capable and multifunctional

The BN7500 is an intelligent PDU (Power Distribution Unit) with a comprehensive range of functions. As with the BN7000, it enables professional energy and capacity management through network-capable measurements for each phase and outlet at PDU level, **plus switching per outlet**. In addition, measurement values for each outlet can be monitored. Two sensor ports support rack monitoring with optional temperature and air humidity sensors.

Thanks to its compact design (1U), installing the BN7500 is flexible and space-saving, and therefore enables optimised cabling and air flow in the server rack.

Whether on-site or remotely via Ethernet: energy consumption measurements can be viewed locally on the display or via the web server using the clear and highly functional software interface. Furthermore, the BN7500 can be integrated into third-party software systems via SNMP or Modbus TCP, for example. Granular measurement recording accompanied by neutral conductor monitoring and RCM type B (as an option) ensures maximum safety in the data centre. In addition, intelligent Master/Slave cascading in the PDU network enables cost-optimised network management.

The following measurement values are displayed per phase and outlet on the illuminated display and in the

integrated web server:

Current [A]  
Neutral conductor current [A] for three-phase versions  
Voltage [V]  
Frequency [Hz]  
Active power [kW]  
Reactive power [kVar]  
Apparent power [kVA]  
Active energy [kWh]  
Reactive energy [kVarh]  
Apparent energy [kVAh]  
Power factor

Furthermore, the flexible design of the PDU and different technology modules make a multitude of customised versions possible.

Optional technology modules:

Residual Current Monitoring (RCM type B) AC [mA] and DC [mA], Surge Protection Device (SPD), GPIO module, housing colour, temperature and air humidity sensors

This PDU is available as a 19" version or for vertical installation.

## BENEFITS

- **Measurement per phase and switchable outlets**
- **Display with rotatable screen**
- **Optional technology modules such as RCM type B**
- **A large number of protocols and interfaces supported**
- **Cost benefit through Master/Slave cascading**

**BN7500 (230-400 V / 50 Hz) | incl. mounting kit**

#		Slave variant	C13	C19	Outlets in total	For min. 46U server racks	Plug	Cable length	Cable type	Miniature circuit breaker	
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**16 A / 230 V**

802.7502	4		18		22		CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		1500 x 44 x 65 mm
802.7500			18	4	22		CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		1234 x 44 x 65 mm
802.7500-S		•	18	4	22		CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		1234 x 44 x 65 mm

**16 A / 230 V / Residual Current Monitoring per supply cable**

802.7531			18	4	22		CEE 16A	3	H05VV-F 3G 2,50 mm <sup>2</sup>		1500 x 44 x 65 mm
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**16 A / 400 V**

802.7507	3		18		21		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1500 x 44 x 65 mm
802.7506			18	3	21		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1533 x 44 x 65 mm
802.7508			24	6	30		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1762 x 44 x 65 mm
802.7508-S		•	24	6	30		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1762 x 44 x 65 mm

**16 A / 400 V / Residual Current Monitoring per phase**

802.7521			24	6	30		CEE 16A	3	H05VV-F 5G 2,50 mm <sup>2</sup>		1762 x 44 x 65 mm
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**32 A / 230 V**

802.7501			16	4	20		CEE 32A	3	H05VV-F 3G 4,00 mm <sup>2</sup>	2 x C16A	1234 x 44 x 65 mm
802.7501-S		•	16	4	20		CEE 32A	3	H05VV-F 3G 2,50 mm <sup>2</sup>	2 x C16A	1234 x 44 x 65 mm
802.7524			24	4	28		CEE 32A	3	H05VV-F 3G 4,00 mm <sup>2</sup>	2 x C16A	1533 x 44 x 65 mm

**32 A / 230 V / Residual Current Monitoring per supply cable**

802.7532			16	4	20		CEE 32A	3	H05VV-F 3G 4,00 mm <sup>2</sup>	2 x C16A	1234 x 44 x 65 mm
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**32 A / 400 V**

802.7511	6		24		30		CEE 32A	3	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	1817 x 44 x 65 mm
802.7509			24	6	30		CEE 32A	3	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	1762 x 44 x 65 mm

**32 A / 400 V / Residual Current Monitoring per phase**

802.7530			24	6	30		CEE 32A	3	H05VV-F 5G 4,00 mm <sup>2</sup>	6 x C16A	1945 x 44 x 65 mm
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802.7500



802.7506



802.7521



802.7501



802.7509



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



# BN3000 Inline

## Measurement per phase, network-capable and multifunctional

The BN3000 Inline is the ideal intermediary **retrofit solution** for equipping existing installations in data centres with the functions of the BN3000 at a later date. The BN3000 Inline enables professional energy and capacity management through network-capable measurements per phase at PDU level.

Whether on-site or remotely via Ethernet: energy consumption measurements can be viewed locally on the display or via the web server using the clear and highly functional software interface. Granular measurement recording accompanied by neutral conductor monitoring and RCM type B (as an option) ensures maximum safety in the data centre. In addition, intelligent master/slave cascading in the PDU network enables cost-optimised network management.

The following measurement values are displayed for each phase on the illuminated display and in the integrated web server:

Current [A]  
Neutral conductor current [A] for three-phase versions  
Voltage [V]  
Frequency [Hz]  
Active power [kW]  
Reactive power [kVar]  
Apparent power [kVA]  
Active energy [kWh]

Reactive energy [kVarh]  
Apparent energy [kVAh]  
Power factor

Optional technology modules:  
Residual Current Monitoring (RCM type B) AC [mA] and DC [mA], Surge Protection Device (SPD), GPIO module, housing colour

This PDU is available as a 19" version or for vertical installation.


Further product configurations available on request.

## BENEFITS

- **Measurement per phase**
- **Display with rotatable screen**
- **Optional technology modules such as RCM type B**
- **Cost benefit through master/slave cascading**
- **A large number of protocols and interfaces supported**

**BN3000 (230-400 V / 50 Hz) | incl. mounting kit**

- Power input: 3.0 m H05VV-F with CEE plug
- Power output: 3.0 m H05VV-F with CEE coupling

#	Slave variant	Phase(s)	Current per phase (A)	Rated voltage (V)	
<b>16 A / 230 V</b>					
802.3069		1	16	230	440 x 44 x 134 mm
802.3069-S	•	1	16	230	440 x 44 x 134 mm
<b>16 A / 230 V / Residual Current Monitoring per supply cable</b>					
802.3072		1	16	230	440 x 44 x 134 mm
802.3072-S	•	1	16	230	440 x 44 x 134 mm
<b>16 A / 400 V</b>					
802.3067		3	16	400	440 x 44 x 134 mm
802.3067-S	•	3	16	400	440 x 44 x 134 mm
<b>16 A / 400 V / Residual Current Monitoring per supply cable</b>					
802.3039		3	16	400	440 x 44 x 134 mm
802.3039-S	•	3	16	400	440 x 44 x 134 mm
<b>32 A / 230 V</b>					
802.3070		1	32	230	440 x 44 x 134 mm
802.3070-S	•	1	32	230	440 x 44 x 134 mm
<b>32 A / 230 V / Residual Current Monitoring per supply cable</b>					
802.3071		1	32	230	440 x 44 x 134 mm
802.3071-S	•	1	32	230	440 x 44 x 134 mm
<b>32 A / 400 V</b>					
802.3068		3	32	400	440 x 44 x 134 mm
802.3068-S	•	3	32	400	440 x 44 x 134 mm
<b>32 A / 400 V / Residual Current Monitoring per supply cable</b>					
802.3065		3	32	400	440 x 44 x 134 mm
802.3065-S	•	3	32	400	440 x 44 x 134 mm



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

# Accessories

## BlueNet BN2000 sensors

#	
329.3104	Combination temperature and air humidity sensor   2.00 m cable
329.3176	Temperature sensor   2.00 m cable



329.3104

329.3176

## BlueNet BN3000 – BN7500 sensors

#	
802.0100	GPIO Module with four inputs and four outputs
<b>Including 2.0 m CAT 5e supply cable with RJ45 plug on both ends</b>	
802.0101	Temperature sensor
802.0102	Combination temperature and air humidity sensor



802.0101

802.0102

## Plug interlocks

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



940.103

802.0010



940.191

940.192

## Locking caps IEC60320 C13 and C19

#	
800.0050	C19 closing flaps   10 pieces incl. unlocking tool
800.0051	C13 closing flaps   10 pieces incl. unlocking tool
800.0052	Unlocking tool for closing flaps



800.0050

800.0051



800.0052

## Substitute module for replaceable surge protection

#	
800.2983	CITEL DSM 215-230/G, 1-pole
800.2969	CITEL DSM 415-230/G, 4-pole



800.2983

800.2969

**Mounting kits for IT PDUs**

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

#	
940.142	Mounting brackets left and right (1U)



940.142

**Mounting brackets for vertical/universal mounting profile variants 1U**

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

#	
800.0053	Link for connecting two vertically mounted PDUs
940.143	Mounting brackets left and right for vertical mounting
940.141	Mounting brackets left and right



800.0053



940.143



940.141

**Mounting brackets for vertical/universal mounting profile variants >1U**

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

#	
<b>Stainless steel mounting bracket</b>	
940.096	Mounting brackets left and right



940.096

**Replacement mounting accessories (BN3000 – BN7500)**

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



802.0005

**Mounting options**

For suitable **IEC60320 extension cables** and **earthing contact plug connection cables** available in grey/black to distinguish from power supply (A/B), see 70, 76 and 77.





# Glossary

## 4-key keypad

Programmable illuminated buttons for controlling devices and media.

## 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 (1U) 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 (1U) with a specified height of 1.75" = 44.5 mm.

## Audio jack or tip-ring-sleeve (TRS) connector

Internationally accepted electrical plug connector for transmitting AC or DC in the low-voltage (SELV – safety extra-low voltage) range. Jack plugs, sockets and couplings are used most typically for forwarding audio signals or for connecting a small electronic appliance to a power supply unit, for example. Jack plugs are often used for connecting headphones to audio equipment. Versions available:

**3.5 mm (miniature jack)** for portable devices (MP3 players, Discmans, etc.), sound cards and small headphones.

**6.35 mm (jack)** for stereo systems and electronic music equipment (mixing desks, effects units, synthesisers, keyboards, electric pianos, electric guitars and guitar amplifiers).

## BNC plug connectors – Bayonet Neill Concelman

These are coaxial plug connectors with a bayonet lock for high frequencies up to approx. 1 GHz, in some cases up to 4 GHz, with a defined wave impedance of 50 or 75  $\Omega$  (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 line 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.

## 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.

## Button

Illuminated blue, for control of devices (e.g. changeover switch). Rocker buttons are used for up/down control of external devices, e.g. screen, blinds, etc.

## Button: automatic switch-off

For connection via plug connectors to power strips with an automatic switch-off feature that is used to automatically switch off the power to the connected equipment. Pressing the button subsequently restores the power supply to the equipment connected to the automatic switch-off.

## Button: stainless steel

For self-connection, to control equipment and media.

## 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	1,000	

The difference between category and class is that the individual components such as cable, socket, connector, etc. are graded into categories. The overall performance of the sum of these components, i.e. of the complete data network, is referred to as the class. The class of the network as a whole is thus determined by the weakest component. Example: CAT6 cable and plug are connected to a CAT5e socket; the overall network therefore attains only class D. A distinction is made in data connection equipment between shielded and unshielded components. Worldwide, unshielded versions are most commonly used; however, almost 100% of cabling in Germany is shielded. The currently applicable standard for this area of data connection technology is summarised in EN 50173.

## Cinch (RCA)

For non-standardised plug connectors for transmitting electrical signals, primarily on coaxial cables. Colour code: Audio white = left analogue channel (sometimes also black); Audio red = right analogue channel; Orange = digital audio; Video yellow = composite video, analogue unmodulated TV picture signal in baseband (VBS or CVBS); Video green = Y (brightness); Video blue = Pb (colour difference); Video red = Pr (colour difference)

## Coaxial cable (COAX)

Coaxial cable is a special type of cable with concentrically arranged conductors for carrying high-frequency signals, such as in TV systems for analogue CVBS or for digital studio signals (DSC).

## Composite video

See **Cinch (RCA)**

## Controller

See **Media control systems**

## Crossover

In computer networking, a cross or crossover cable is an eight-wire twisted-pair cable with an RJ45 plug at each end, but where some of the wires have been swapped over in one of the plugs. It is required where two computers are connected together directly, for example. Instead of a crossover cable, an uncrossed cable can also be used in conjunction with a crossover adapter to obtain the required crossing of wire pairs. The simplest possible application of a crossover cable is to link two computers with network cards without necessarily requiring a hub or switch. The two computers connected in this way form a complete network on the smallest possible scale. Crossover cables can normally be dispensed with in gigabit Ethernet, since Auto-MDI-X is defined in the standard for this and is supported by most devices. In a crossover cable, the "sent data" wire is swapped with the "received data" wire at one end, so that data exchange is possible over a direct connection. If the "sent" and "received" data were not swapped at one end, no link between the machines would be created.

## CVBS

See **Cinch (RCA)**

## 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 essentially 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.

**DVB-T** allows up to 24 TV channels to be received via a conventional domestic TV antenna. The channels are broadcast without encryption and are therefore free of charge. So far, commercial broadcasters have only used DVB-T in urban areas.

**DVB-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.

## DisplayPort

A port for conveying image and sound signals (e.g. monitor, DVD player, plasma TV, etc.)

## DVI – Digital Video Interface

A digital interface for video signals. In this system, the sound has a separate input. The high-definition (HD) formats use the new HDMI input, however. There are three different types of DVI connection: DVI-A transmits analogue signals only.

DVI-I is capable of transmitting both analogue and digital signals, while DVI-D transmits digital signals only. If the new TFT monitor has a DVI-D interface, the old graphics card with analogue VGA output cannot be connected to it.

## Ethernet

A protocol that controls data transfer in local area networks (LANs). This transmission standard was developed by the Californian Xerox corporation in 1976.

## 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).

## F-plug connectors

(IEC 60169-24) Coaxial plug connectors with screw locking designed for high frequencies up to about 5 GHz with a defined wave impedance of 75  $\Omega$ . The most commonly used plug connectors in satellite television systems worldwide.

## Full-HD TV

Full-HD models offer TV and video images with 1,920 x 1,080 pixels – currently the highest pixel number in HDTV broadcasts or high-definition feeds. This picture quality represents five times the resolution of conventional TV pictures. Even when observed close up, the viewer cannot see any kind of pixel structure. Video projections benefit in particular from full-HD resolution. The term is mostly used to describe the ability of an HDTV-capable device to output the highest possible HD resolution.

## Hardware detect

Automatic detection of incoming signals (e.g. if a laptop is connected to an output device while switched on, the output device automatically recognises this newly-connected device).

## HDMI – High-Definition Multimedia Interface

Interface for transmitting picture and sound data in HDTV and HD television systems. It enables fully digital transmission of video and digital sound with up to eight channels. The HDCP digital copy-protection system is built in.

## HDTV – High-Definition Television

HDTV has significantly higher resolution, shows the picture more sharply and with more detail, and is broadcast with an aspect ratio of 16:9 rather than the traditional 4:3. Resolution is up to 1,920 x 1,080 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, which can result in resonance effects and thus a non-linear frequency response.

## ISDN – Integrated-Services Digital Network

International standard for a digital telephone network. Allows multiple channels to transmit simultaneously. A basic ISDN connection offers the user two independently available channels for telephone or Internet. The bandwidth is 64 kb/s.

## Keystone

Universal installation dimensions (19.3 x 14.7 mm) for cut-outs for mounting components.

## KNX

KNX technology resulted from the confluence of three established European bus standards – the European Installation Bus (EIB), the European Home Systems Protocol (EHS) and Batibus (used in heating/ventilation/climate control) – to create a unified technological platform for all areas of home and building systems in the form of an international industry standard. KNX allows central control of practically all components of home and building systems technology, from lighting and heating to alarm systems, and offers advantages of convenience, security and economy for functional buildings, as well as in residential settings. The KNX specification was presented by the then newly founded KNX Association in spring 2002. Based on the EIB standard, with which the new technology platform remains fully compatible, KNX emerged from the addition of new configuration mechanisms and transfer media that had originally been developed for Batibus and EHS. By 2003, KNX was ratified by CENELEC, the Brussels-based European Committee for Electrotechnical Standardization, as European Standard EN 50090. Shortly afterwards, it was ratified by the CEN Committee for Standardization under EN 13321-1 as the European standard for the automation of buildings.

## LAN – Local Area Network

Computer network that links various computers and peripheral devices via cables or wirelessly over a restricted physical area.

## Loudspeaker connection

Stereo (red + white) with screw terminals for transmitting audio signals.

## LC

This plug is similar to the SC, but smaller.

## Media control

Control of video, power, lighting and audio systems in a building. Sound, light and video are controlled by appropriate commands. Media control allows all the devices to be used in a presentation to be linked and controlled in the desired time sequence.

## Miniature jack

A 3.5 mm jack socket for transmitting audio signals (e.g. from laptop or PC to loudspeakers).

## Mini USB

A compact plug or socket version of the USB standard. This version was developed for devices with restricted space, such as mobile telephones and digital cameras.

## MTRJ

An optical connector that accommodates two fibres; the junctions are embedded in a common plastic block in the shape of an RJ45 plug. This design also prevents any confusion of the outward and return line and is easy to insert and to remove. This connector is suitable for single-mode and multi-mode fibres.

## MUTE

Switching of audio devices to silence.

## OWG – Optical waveguides

Cables made up of, or including, optical-fibre conductors with plug connectors for transmitting optical signals in the visible, ultraviolet or infra-red ranges. Optical-fibre 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 electrical circuits of the respective devices remain electrically isolated from one another. This solution is the simplest and safest method for transmitting digital data electrically, for example.

## Power Con

A type of 3-pole power plug connector with coding and interlocking, most frequently used for stage equipment. The interlock mechanism protects against the plug being accidentally pulled out of its socket.

## PS/2 interface (PS/2 connection, PS/2 port, originally "auxiliary port")

Commonly used 6-pole serial interface for input devices (e.g. mouse and keyboard) on personal computers.

## RCA

See **Cinch (RCA)**

## RGB signal

In an RGB signal, the colours red, green and blue are each transmitted and/or stored in their own channel. RGB signals are used for video transmission, e.g. on computers with a VGA interface or in video systems with SCART connections.

## RJ (registered jack) plug connectors

These are standardised plug connectors for telecommunications cables. The standards describe the designs of plugs, sockets and their contact configurations, and are designated by the letters RJ and a number (e.g. RJ-45), with or without the hyphen. Examples: RJ12 6P6C/ RJ45 8P8C

## RJ12

See **RJ (registered jack) plug connectors**

## Router

A device that forwards data packets through various networks. The router serves to calculate the connections between, for example, two local networks (LANs) and automatically establishes the optimum path for the data packets.

## RS-232

Serial interface standard with 25-pole or 9-pole connector for serial data transmission. Also known as V.24. Both one-to-one pinouts and crossover configurations are commonly used.

## SC

This plug connector is 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 plugs linked by a duplex clip), and duplex connections can be inserted or removed simultaneously.

## Speakon

A plug connector designed for loudspeakers, offering a robust construction, a 20 A contact current capacity and secure interlocking. Speakon plug connectors are available in two-pole, four-pole and eight-pole versions; the two-pole and four-pole types are mutually compatible. The eight-pole version has a larger design. The number of contacts available in a single plug connector makes it possible to connect multi-channel passive systems, satellite subwoofer systems or multi-channel monitor loudspeaker constellations via a single cable.

## ST

These plugs (also known as BFOC connectors) are common in LANs and are suitable for single-mode and multi-mode optical fibre cables. Average insertion attenuation is about 0.3 dB; maximum approx. 0.5 dB.

## Surge protection with filter

Surge protection – conforms to DIN VDE 0620-1:01-2002, EN 61643-11:08-2007, type 3, discharge current 6.5 kA, response time < 25 ns. Suitable for 16 A (micro fuse on request) with varistors, thermal fuse, gas discharge arrester, optical LED function and failure display (acoustic signalling also available on request). Mains and frequency filters – conforming to VDE 0565-3:05-2006 for voltage peaks up to 30 MHz, damping diagram on data sheet.

## 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.

## 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 plug connector. The S-VHS standard signal may however be transmitted via the S-video (Hosiden) connector.

## Switch

A network component for linking multiple computers or network segments within a local area network (LAN). Switches analyse network traffic and make logical decisions.

## TOSLINK

A standardised optical-waveguide connection system for transmitting optical signals in the range up to about 20 Mbps. Used to carry digital audio signals between audio devices.

## TrueHD

Audio standard for high-resolution media such as Blu-ray and HD DVD. TrueHD allows 100% loss-free compression of audio data. The codec allows a data rate of up to 18 Mbps.

## USB – Universal Serial Bus

USB is used to connect a variety of devices together by cable. USB is a bit-serial bus on which the individual bits of a data packet are transmitted one after another. Devices with USB can be connected to one another while being operated since the newly connected devices are automatically detected. USB is used to connect, for example, printers, digital cameras, MP3 players and hard disks to a computer.

## VBS

See **Cinch (RCA)**

## VGA/audio switch

Switches between multiple input sources (e.g. several laptops) as required and forwards the signal to output media devices (e.g. projector, monitor, loudspeaker).

## VGA – Video Graphics Array

Refers to a computer graphics standard (EISA, 1987) that defines specific combinations of image resolution and number of colours (colour bit depth), as well as repeat frequency. VGA allows a resolution of 640 x 480 pixels, while VGA cables allow a higher resolution. The 15-pole VGA socket is used to transmit image signals (e.g. from laptop or PC monitor to a projector, VGA switch box, etc.)

## XLR

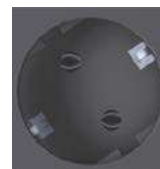
Industry standard for electrical plug connectors. Used in professional public-address and recording studio systems. 3-pole XLR plug connectors are used for analogue microphone and loudspeaker signals and for digital AES/EBU signals. 5-pole connectors are used for DMX digital lighting control data.

# International socket types

## M earthing contact | Germany / type F

**Performance data:** 16 A/250 V max. 3500 W  
**Standard:** DIN VDE 0620-1, Construction type DIN 49440, CEE 7/3  
**Colour:** Black, Red, White, Grey  
**Orientation:** Set at 35° or 90°

**Module width:** 42,5 mm  
 With shutter



## M-UTE | France/type E

**Performance data:** 16 A/250 V max. 3500 W  
**Standard:** NF C 61-314, CEE 7/5  
**Colour:** Black, Red, White, Grey  
**Orientation:** Set at 35°

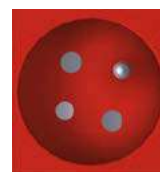
**Module width:** 42,5 mm  
 With shutter



## M-UTE IT | France/type E

**Performance data:** 16 A/250 V max. 3500 W  
**Standard:** NF C 61-314, CEE 7/5  
**Colour:** Red  
**Orientation:** Set at 35°

**Module width:** 42,5 mm  
 With shutter  
 With additional mechanical plug-in fuse



## M-CH T13 | Switzerland/type J

**Performance data:** 10 A/250 V max. 2300 W  
**Standard:** SEV 1011  
**Colour:** Black, Red  
**Orientation:** Set at 0°

**Module width:** 35 mm  
 With shutter



## M-CH T23 | Switzerland/type J

**Performance data:** 16 A/250 V max. 3500 W  
**Standard:** SEV 1011  
**Colour:** Black, Red  
**Orientation:** Set at 90°

**Module width:** 42,5 mm  
 With shutter



## M-USA | USA/type B

**Performance data:** 15 A/125 V  
**Standard:** NEMA 5-15r  
**Colour:** Black  
**Orientation:** Set at 0°

**Module width:** 32 mm



## M-UK FUSE | England/type G

**Performance data:** 13 A/250 V  
**Standard:** BS 1363, Fuse according to BS 1362  
**Colour:** Black

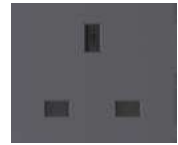
With shutter  
 Orientation 45° = 60 mm module width  
 Orientation 90° = 52.5 mm module width



## M-UK | England/type G

**Performance data:** 13 A/250 V  
**Standard:** BS 1363  
**Colour:** Black  
**Orientation:** Set at 90°

**Module width:** 52,5 mm  
 With shutter



## M-P40 | Italy/type L/F

**Performance data:** 16 A/250 V  
**Standard:** CEI 23-50  
**Colour:** Black  
**Orientation:** Set at 35°

**Module width:** 45 mm  
 With shutter



## M-AUS | Australia/type I

**Performance data:** 10 A/250 V  
**Standard:** AS, NZS 3112  
**Colour:** Black  
**Orientation:** Set at 90°

**Module width:** 44,8 mm



## M-CN | China/type I

**Performance data:** 10 A/250 V  
**Standard:** CPCS-CCC  
**Colour:** Black  
**Orientation:** Set at 90°

**Module width:** 42,5 mm



## M-DK | Denmark/type K

**Performance data:** 10 A/250 V  
**Standard:** DS 107-2-D1  
**Colour:** Black  
**Orientation:** Set at 35°

**Module width:** 42,5 mm  
 With shutter



## M-DK IT | Denmark/type K

**Performance data:** 10 A/250 V  
**Standard:** DK 2-5a (DK IT)  
**Colour:** Black  
**Orientation:** Set at 90°

**Module width:** 42,5 mm  
 With shutter



## M-IEC C13

**Performance data:** 10 A/250 V max. 2300 W  
**Standard:** IEC 60320  
**Colour:** Black  
**Orientation:** Set at 0°

**Module width:** 42,5 mm



## M-IEC C19

**Performance data:** 16 A/250 V max. 3500 W  
**Standard:** IEC 60320  
**Colour:** Black  
**Orientation:** Set at 90°

**Module width:** 42,5 mm



# International plug types

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

## Right-angled plug with earthing contact | CEE 7/7 (type E/F)

**BACHMANN type:** Typ 30  
With dual earthing contact system

**For example, suitable for:**

H03VV-F 3G 0,75 mm <sup>2</sup>	H05VV-F 3G 1,50 mm <sup>2</sup>
H05VV-F 3G 0,75 mm <sup>2</sup>	H07BQ-F 3G 1,50 mm <sup>2</sup>
H05VV-F 3G 1,00 mm <sup>2</sup>	H05BQ-F 3G 0,75 mm <sup>2</sup>



## Central plug with earthing contact | CEE 7/7 (type E/F)

**BACHMANN type:** Typ 31  
With dual earthing contact system

**For example, suitable for:**

H03VV-F 3G 0,75 mm <sup>2</sup>	O5RV4-F 3G 0,75 mm <sup>2</sup>
H05VV-F 3G 1,00 mm <sup>2</sup>	H03V4V4-H 3G 1,00 mm <sup>2</sup>
H05VV-F 3G 1,50 mm <sup>2</sup>	H03RT-H 3G 0,75 mm <sup>2</sup>



## Central plug with earthing contact | CEE 7/7 (type E/F)

**BACHMANN type:** Typ 32  
With dual earthing contact system  
Splash-proof

**For example, suitable for:**

H05VV-F 3G 1,50 mm <sup>2</sup>	H07RN-F 3G 1,50 mm <sup>2</sup>
H05RR-F 3G 0,75 mm <sup>2</sup>	H07BQ-F 3G 1,50 mm <sup>2</sup>
H05RR-F 3G 1,50 mm <sup>2</sup>	H07RN-F 3G 2,50 mm <sup>2</sup>
H07RN-F 3G 1,00 mm <sup>2</sup>	



## Coupling with earthing contact | CEE 7/3 (type F)

**BACHMANN type:** Typ 34

**For example, suitable for:**

H05VV-F 3G 1,00 mm <sup>2</sup>	H07RN-F 3G 1,00 mm <sup>2</sup>
H05VV-F 3G 1,50 mm <sup>2</sup>	H07RN-F 3G 1,50 mm <sup>2</sup>
H05VV-F 3G 2,50 mm <sup>2</sup>	

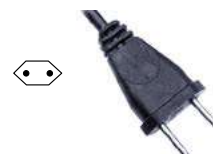


## Swiss plug | SEV 1011 T11 (type J)

**BACHMANN type:** Typ 11, 10 A  
2-pole

**For example, suitable for:**

H03VH2-F 2 x 0,75 mm <sup>2</sup>	H05VV-F 2 x 1,00 mm <sup>2</sup>
H05VH2-F 2 x 1,00 mm <sup>2</sup>	



## Swiss plug | SEV 1011 T12 (type J)

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

**For example, suitable for:**

H05VV-F 3G 1,00 mm <sup>2</sup>
H05VV-F 3G 1,50 mm <sup>2</sup>



## Swiss coupling | SEV 1011 T11 (type J)

**BACHMANN type:** Typ 11 D  
2-pole

**For example, suitable for:**

H03VH2-F 2 x 0,75 mm <sup>2</sup>	H05VV-F 2 x 1,00 mm <sup>2</sup>
H03VV-F 2 x 0,75 mm <sup>2</sup>	



## Swiss plug | SEV 1011 T23 (type J)

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

**For example, suitable for:**  
H05VV-F 3G 1,00 mm<sup>2</sup>  
H05VV-F 3G 1,50 mm<sup>2</sup>



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

**BACHMANN type:** Typ 44  
2-pole

**For example, suitable for:**  
H03VV-F 2 x 0,75 mm<sup>2</sup>  
H05VV-F 2 x 0,75 mm<sup>2</sup>  
H05VV-F 2 x 1,00 mm<sup>2</sup>  
H05VV-F 2 x 1,50 mm<sup>2</sup>



## UK plug | BS 1363 (type G)

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

**For example, suitable for:**  
H03VV-F 2 x 0,75 mm<sup>2</sup>  
H05VV-F 2 x 0,75 mm<sup>2</sup>  
H05VV-F 2 x 1,00 mm<sup>2</sup>  
H05VV-F 2 x 1,50 mm<sup>2</sup>



## UK plug | BS 1363 (type G)

**BACHMANN type:** Typ 45, 13 A  
2-pole with earthing contact  
Moulded with 13 A fuse

**For example, suitable for:**  
H03VV-F 3G 0,75 mm<sup>2</sup>  
H05VV-F 3G 0,75 mm<sup>2</sup>  
H05VV-F 3G 1,00 mm<sup>2</sup>  
H05VV-F 3G 1,50 mm<sup>2</sup>



## USA plug UL/CSA | NEMA 1-15p (type A)

**BACHMANN type:** Typ 46-2  
2-pole

**Cable types to suit your requirements.**



## USA plug UL/CSA | NEMA 5-15p (type B)

**BACHMANN type:** Typ 46  
2-pole with earthing contact

**Cable types to suit your requirements.**



## Italy plug | CEI 23-50 S11 (type L)

**BACHMANN type:** Typ 49, 10 A  
2-pole with earthing contact

**For example, suitable for:**  
H05VV-F 3G 0,75 mm<sup>2</sup>  
H05VV-F 3G 1,00 mm<sup>2</sup>



## Italy plug | CEI 23-50 S17 (type L)

**BACHMANN type:** Typ 50, 16 A  
2-pole with earthing contact

**For example, suitable for:**  
H05VV-F 3G 1,50 mm<sup>2</sup>



## Denmark plug | DS 107-2D1 (type K)

**BACHMANN type:** Typ 47, 10 A  
2-pole with earthing contact

**For example, suitable for:**  
H05VV-F 3G 0,75 mm<sup>2</sup>  
H05VV-F 3G 1,00 mm<sup>2</sup>  
H05VV-F 3G 1,50 mm<sup>2</sup>





### Denmark right-angled plug | DS 107-2D1 (type K)

**BACHMANN type:** Typ 47, 10 A  
2-pole with earthing contact

**For example, suitable for:**  
H05VV-F 3G 0,75 mm<sup>2</sup>  
H05VV-F 3G 1,00 mm<sup>2</sup>  
H05VV-F 3G 1,50 mm<sup>2</sup>



### Denmark IT plug | DK 2-5a

**BACHMANN type:** Typ 48, 10 A  
2-pole with earthing contact

**For example, suitable for:**  
H05VV-F 3G 0,75 mm<sup>2</sup>  
H05VV-F 3G 1,00 mm<sup>2</sup>  
H05VV-F 3G 1,50 mm<sup>2</sup>



### Denmark IT right-angled plug | DK 2-5a

**BACHMANN type:** Typ 48, 10 A  
2-pole with earthing contact

**For example, suitable for:**  
H05VV-F 3G 0,75 mm<sup>2</sup>  
H05VV-F 3G 1,00 mm<sup>2</sup>  
H05VV-F 3G 1,50 mm<sup>2</sup>



### Euro flat plug | CEE 7/16 (type C)

**BACHMANN type:** Typ 20 F

**For example, suitable for:**  
H03VVH2-F 2 x 0,75 mm<sup>2</sup>  
H05VVH2-F 2 x 0,75 mm<sup>2</sup>



### Contour plug | CEE 7/17

**BACHMANN type:** Typ 24 G

**For example, suitable for:**  
H05RN-F 2 x 1,00 mm<sup>2</sup>  
H07RN-F 2 x 1,00 mm<sup>2</sup>  
H07RN-F 2 x 1,50 mm<sup>2</sup>  
H05BQ-F 2 x 1,00 mm<sup>2</sup>  
H07BQ-F 2 x 1,50 mm<sup>2</sup>



### Contour plug | CEE 7/17

**BACHMANN type:** Typ 24 K

**For example, suitable for:**  
H05VV-F 2 x 0,75 mm<sup>2</sup>  
H05VV-F 2 x 1,00 mm<sup>2</sup>



### Contour plug | CEE 7/17

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

**For example, suitable for:**  
H07RN-F 2 x 1,00 mm<sup>2</sup>  
H07RN-F 2 x 1,50 mm<sup>2</sup>  
H05BQ-F 2 x 1,0 mm<sup>2</sup>  
H05BQ-F 2 x 1,50 mm<sup>2</sup>



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

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

**For example, suitable for:**  
H05VV-F 3G 0,75 mm<sup>2</sup>  
H05VV-F 3G 1,00 mm<sup>2</sup>



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

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

**For example, suitable for:**  
H05VV-F 3G 0,75 mm<sup>2</sup>  
H05VV-F 3G 1,00 mm<sup>2</sup>





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

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

**For example, suitable for:**  
H05VV-F 3G 0,75 mm<sup>2</sup>  
H05VV-F 3G 1,00 mm<sup>2</sup>



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

**BACHMANN type:** Typ 35-S  
2-pole  
70 °C

**For example, suitable for:**  
H05VV-F 2 x 0,75 mm<sup>2</sup>  
H05VV-F 2 x 1,00 mm<sup>2</sup>



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

**BACHMANN type:** Typ 35-2 W  
2-pole  
On right, on left  
70 °C

**For example, suitable for:**  
H05VV-F 2 x 0,75 mm<sup>2</sup>  
H05VV-F 2 x 1,00 mm<sup>2</sup>



### Non-heating device plug, central | IEC 60320-C18

**BACHMANN type:** Typ 35 S  
2-pole  
70 °C

**For example, suitable for:**  
H05VV-F 2 x 0,75 mm<sup>2</sup>  
H05VV-F 2 x 1,00 mm<sup>2</sup>



### Heating device coupling | IEC 60320-C15a

**BACHMANN type:** Typ 37  
2-pole with earthing contact  
155 °C  
Mounted

**Cable types to suit your requirements.**



### Small appliance coupling | IEC 60320-C7


**BACHMANN type:** Typ 25 D  
Mounted


**For example, suitable for:**  
H03VVH2-F 2 x 0,75 mm<sup>2</sup>








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802.3522	286	900.402	116	902.0816	163	902.3641	150
802.3522-S	286	900.403	116	902.0821	164	902.380	150
802.3525	286	900.404	116	902.0822	164	902.400	152
802.3527	286	900.406	116	902.0823	164	902.401	152
802.7000	288	900.407	116	902.0824	164	902.402	152
802.7000-S	288	900.408	116	902.0825	164	902.403	152
802.7001	288	902.000	163	902.0826	164	902.404	152
802.7002	288	902.001	163	902.0851	163	902.4048	152
802.7007	288	902.002	163	902.0852	163	902.405	152
802.7008	288	902.003	163	902.0853	163	902.407	152
802.7008-S	288	902.004	163	902.0854	163	902.408	152
802.7009	288	902.0048	163	902.0855	163	902.409	152
802.7014	288	902.0049	163	902.0856	163	902.411	152





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902.428	152	902.922	152	902.972	154	906.024	28
902.429	152	902.923	152	902.973	154	906.031	28
902.430	152	902.924	152	902.974	154	906.067	29
902.431	152	902.925	152	902.975	154	906.0703	28
902.432	152	902.926	153	902.976	154	906.071	28
902.448	153	902.927	153	902.977	154	906.080	28
902.500	152	902.928	153	902.978	154	906.093	28
902.501	152	902.929	153	902.979	154	906.1075	28
902.502	152	902.930	153	902.980	154	906.1086	28
902.5711	152	902.931	153	902.981	154	906.1109	28
902.5712	152	902.932	150	902.982	154	906.1244	28
902.600	154	902.933	150	902.983	154	906.1306	27
902.602	154	902.934	150	902.984	154	906.150	28
902.603	154	902.935	150	902.985	154	909.000	104
902.611	154	902.936	150	902.986	155	909.001	104
902.613	155	902.937	150	902.987	155	909.002	104
902.705	154	902.938	151	902.988	155	909.0023	104
902.706	154	902.939	151	902.989	155	909.0024	104
902.725	155	902.940	151	902.990	155	909.0026	104
902.727	155	902.941	151	902.991	155	909.0027	104
902.800	170	902.942	151	903.003	38	909.0028	104
902.801	170	902.943	151	903.108	205	909.0029	104
902.810	170	902.944	150	903.109	205	909.003	104
902.811	170	902.945	150	903.110	205	909.004	104
902.820	170	902.946	150	903.201	200	909.005	104
902.821	170	902.947	150	903.203	200	909.0056	104
902.830	170	902.948	150	903.204	189	909.0057	104
902.831	170	902.949	150	903.205	189	909.0058	104
902.840	170	902.950	150	903.206	189	909.0059	104
902.841	170	902.951	150	903.211	200	909.006	104
902.901	152	902.952	150	903.212	200	909.0060	104
902.902	152	902.953	150	903.700	211	909.007	104
902.903	152	902.954	150	903.710	211	909.008	104
902.904	152	902.955	150	903.711	211	909.009	104
902.905	152	902.956	151	903.712	211	909.010	104
902.906	152	902.957	151	903.800	211	909.0105	104
902.907	153	902.958	151	903.810	211	909.011	104
902.908	153	902.959	151	903.900	216	909.012	104
902.909	153	902.960	151	904.100	84	909.013	104
902.910	153	902.961	151	906.000	28	909.014	104
902.911	153	902.962	154	906.001	28	909.015	104
902.912	153	902.963	154	906.002	28	909.016	104
902.913	152	902.964	154	906.0028	28	909.017	104
902.914	152	902.965	154	906.003	28	909.0170	104
902.915	152	902.966	154	906.005	29	909.0172	104
902.917	152	902.967	154	906.0055	27	909.0180	104
902.918	152	902.968	154	906.0060	27	909.0191	104
902.919	152	902.969	154	906.009	28	909.020	104
902.920	152	902.970	155	906.0113	28	909.025	104
902.921	152	902.971	154	906.014	28	909.028	104







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909.033	104	912.003	114	912.168	114	916.0041	121
909.058	104	912.004	113	912.1681	114	916.0042	122
910.002	54	912.005	113	912.1682	114	916.005	122
910.100	57	912.0055	114	912.1683	113	916.006	121
910.1011	226	912.0056	113	912.169	113	916.007	121
910.105	43	912.006	113	912.170	57	916.010	122
910.106	43	912.007	113	912.173	59	916.020	122
910.170	57	912.0071	114	912.174	59	916.021	122
910.174	59	912.008	113	912.1781	114	916.023	121
910.175	59	912.0080	114	912.270	57	916.024	121
910.176	59	912.009	114	912.273	59	916.025	121
910.177	59	912.010	114	912.274	59	916.0270	122
910.178	59	912.011	113	912.470	57	916.030	121
910.179	59	912.012	113	912.971	57	916.0361	121
910.182	59	912.013	113	913.169	58	916.0411	121
910.200	57	912.014	113	913.170	56	916.047	121
910.270	57	912.015	114	913.171	56	916.048	121
910.275	59	912.0156	114	913.173	56	916.0510	122
910.276	59	912.016	114	913.174	56	916.0514	121
910.277	59	912.0167	114	913.175	56	916.0516	121
910.282	59	912.0168	113	915.000	120	916.0519	121
910.470	57	912.017	113	915.001	120	916.0520	121
910.971	57	912.0171	114	915.003	120	916.059	123
911.000	107	912.0172	113	915.004	120	916.060	123
911.001	107	912.018	113	915.005	120	916.0601	123
911.002	107	912.019	113	915.006	120	916.061	123
911.003	107	912.021	113	915.033	118	916.0611	123
911.004	107	912.022	113	915.170	60	916.062	123
911.005	107	912.0221	113	915.171	60	916.0621	121
911.025	109	912.023	114	915.172	60	916.0628	121
911.026	109	912.024	113	915.173	60	916.063	123
911.028	109	912.0242	113	915.174	60	916.082	122
911.029	109	912.025	113	915.175	60	916.0821	121
911.170	57	912.0280	113	915.270	60	916.086	121
911.171	57	912.035	113	915.271	60	916.091	122
911.172	57	912.037	114	915.500	118	916.100	122
911.270	57	912.0400	114	915.501	118	916.1000	121
911.271	57	912.045	114	915.502	118	916.111	122
911.272	57	912.080	113	915.503	118	916.1110	121
911.273	57	912.0931	113	915.504	118	916.112	122
911.470	57	912.167	114	915.970	60	916.1129	122
911.500	111	912.1671	114	915.971	60	916.1192	122
911.501	111	912.1672	114	915.973	60	916.1193	122
911.502	111	912.1673	113	916.000	122	916.1227	121
911.503	111	912.1674	114	916.001	122	916.1229	121
911.9100	107	912.1675	114	916.002	122	916.123	121
911.9130	107	912.1676	113	916.003	122	916.170	61
912.000	114, 173	912.1677	114	916.0039	122	916.173	121
912.001	113, 173	912.1678	114	916.004	122	916.501	122
























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916.503	122	917.019	190	917.158	183	918.0750	111
916.504	121	917.022	188	917.159	183	918.0752	111
916.505	122	917.023	189	917.168	196	918.0754	111
916.506	121	917.024	189	917.169	196	918.081	202
916.507	121	917.026	188	917.170	60	918.082	202
916.508	121	917.029	103, 111, 120	917.171	60	918.083	202
916.509	122	917.030	188	917.172	60	918.0951	204
916.510	121	917.032	192	917.173	60	918.0952	204
916.511	122	917.033	192	917.189	188	918.0953	204
916.512	121	917.038	183	917.193	191	918.106	158
916.513	122	917.039	183	917.195	191	918.107	158
916.514	121	917.040	199	917.198	191	918.110	158
916.515	121	917.041	199	917.214	181	918.111	158
916.516	121	917.045	187	917.224	190	918.122	158
916.517	121	917.046	191	917.226	187	918.123	29
916.518	121	917.047	191	917.227	190	918.124	158
916.519	122	917.056	191	917.299	199	918.170	61
916.520	121	917.057	199	917.400	182	918.171	61
916.521	122	917.058	187	917.401	182	918.176	202
916.522	121	917.059	190	918.001	166	918.177	202
916.523	121	917.060	191	918.002	109	918.178	202
916.524	121	917.061	183	918.003	202	918.190	203, 216
916.525	122	917.062	183	918.006	202	918.200	211, 216
916.526	121	917.064	196	918.007	202	918.201	211, 216
916.527	122	917.065	196	918.008	202	918.202	216
916.528	121	917.066	196	918.009	205	918.900	131, 134, 139, 143, 146
916.529	122	917.067	196	918.010	205	919.014	52
916.530	121	917.078	187	918.011	205	919.015	52
916.531	121	917.082	192	918.012	205	919.016	52
916.532	121	917.090	188	918.017	204	919.018	52
916.533	122	917.091	189	918.018	204	919.024	49
916.534	122	917.096	189	918.019	204	919.025	49
916.535	122	917.101	189	918.0191	204	919.1000	174
916.536	122	917.111	199	918.0192	204	919.1100	174
916.537	122	917.117	188	918.0193	204	919.1101	174
916.538	122	917.120	182	918.020	204	919.169	58
916.539	122	917.1203	202	918.0201	204	919.171	56
916.540	122	917.1205	202	918.025	29	919.176	56
916.970	61	917.121	182	918.032	181	919.177	56
917.000	183	917.122	190	918.033	181	919.178	56
917.001	183	917.134	187	918.034	181	919.179	56
917.003	183	917.135	191	918.035	181	919.183	53
917.005	183	917.140	196	918.041	181	919.189	53
917.006	183	917.141	190	918.045	182	919.190	53
917.007	183	917.143	187	918.067	205	919.2000	173
917.008	183	917.145	188	918.068	205	919.2001	173
917.009	199	917.146	187	918.069	205	919.2002	173
917.010	199	917.150	187	918.071	182		
917.011	187			918.072	182		

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919.2004	173	924.031	241	924.096	246	924.176	248
919.2005	173	924.033	242	924.097	246	924.178	248
919.273	32	924.034	242	924.0970	246	924.182	248
919.284	53	924.036	241	924.098	246	924.183	248
919.371	84	924.037	241	924.099	246	924.184	249
921.000	51	924.038	241	924.101	250	924.185	249
921.003	51	924.0390	241	924.103	245	924.186	249
921.004	51	924.043	242	924.109	246	924.187	249
921.005	51	924.044	242	924.111	246	924.188	249
921.010	51	924.045	242	924.112	246	924.190	248
921.011	51	924.046	242	924.113	246	924.191	248
921.012	51	924.047	242	924.114	246	924.193	232
921.271	50	924.048	242	924.115	247	924.201	250
921.272	50	924.049	242	924.116	247	924.203	245
921.273	50	924.050	242	924.118	247	924.224	233
921.274	50	924.051	242	924.120	246	924.225	233
922.0071	38	924.052	242	924.128	247	924.250	233
922.0111	38	924.053	242	924.129	247	924.258	244
922.0181	38	924.054	243	924.131	247	924.259	241
922.0231	38	924.055	243	924.132	247	924.260	241
922.082	38	924.056	243	924.133	247	924.262	243
922.083	38	924.057	243	924.134	247	924.264	244
922.096	38	924.058	243	924.136	247	924.265	240
923.000	45	924.059	243	924.137	245	924.266	240
923.001	45	924.060	243	924.1370	245	924.327	243
923.002	45	924.062	243	924.1371	249	924.329	251
923.006	168	924.063	243	924.138	245	924.330	251
923.007	168	924.064	243	924.1430	245	924.332	233
923.008	168	924.065	243	924.144	245	924.334	233
923.010	168	924.067	243	924.145	245	924.336	240
923.011	168	924.068	244	924.146	245	924.338	239
923.012	168	924.069	244	924.149	245	924.340	240
924.001	250	924.071	245	924.151	244	924.342	240
924.004	250	924.072	245	924.152	244	924.343	240
924.005	250	924.073	244	924.153	244	924.344	239
924.009	250	924.074	244	924.154	244	924.345	239
924.010	250	924.075	240	924.155	244	924.346	239
924.011	250	924.076	240	924.156	244	924.347	239
924.012	250	924.077	240	924.158	244	924.348	239
924.0161	238	924.078	240	924.160	246	924.349	39
924.0163	239	924.079	240	924.161	246	924.3491	39
924.0164	239	924.080	240	924.162	246	924.350	233
924.0165	239	924.083	238	924.163	246	924.351	84
924.0166	238	924.084	243	924.164	251	924.352	233
924.0167	238	924.086	243	924.167	233	924.353	239
924.023	241	924.090	246	924.168	233	924.354	238
924.024	241	924.091	246	924.171	232	924.355	233
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924.026	241	924.094	246	924.1720	250	925.0023	103

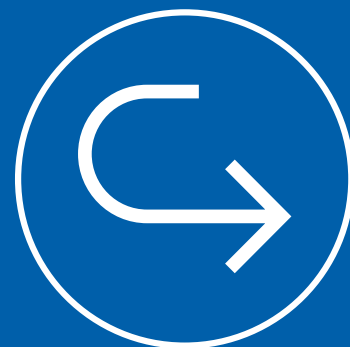
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925.0034	103	927.061	126	928.063	142	930.064	91
925.0044	103	927.062	126	928.900	143, 146	930.065	91
925.0047	103	927.064	126	928.902	144	930.090	88
925.0049	103	927.100	125	929.000	129	930.091	88
925.100	103	927.101	125	929.002	129	930.092	88
925.101	103	927.102	125	929.004	129	930.094	89
925.500	103	927.103	125	929.010	129	930.096	89
925.501	103	927.200	127	929.012	129	930.097	89
925.800	103	927.201	127	929.030	129	930.098	89
925.801	103	927.203	127	929.032	129	930.099	89
926.000	138	927.204	127	929.034	129	930.100	89
926.001	138	927.206	127	929.040	129	930.120	158, 166
926.002	138	927.207	127	929.042	129	930.137	89
926.003	138	927.209	127	929.044	129	930.138	89
926.004	138	927.210	127	929.100	130	930.139	89
926.005	138	927.251	127	929.101	130	930.164	89
926.007	138	927.254	127	929.102	130	930.165	89
926.010	138	927.257	127	930.016	87	930.166	88
926.100	139	927.260	127	930.017	87	930.180	166
926.101	139	927.300	125	930.018	87	930.182	166
926.102	139	927.301	125	930.019	87	930.183	166
926.200	139	927.302	125	930.020	87	930.300	93
926.206	139	927.400	127	930.021	87	930.301	93
926.207	139	927.402	127	930.022	87	930.302	93
926.501	139	927.404	127	930.023	87	930.303	93
926.502	139	927.406	127	930.024	88	930.310	95
926.901	131, 139	927.410	127	930.025	88	930.320	95
927.000	126	927.500	125	930.026	88	930.330	95
927.001	126	927.501	125	930.027	88	930.500	85
927.002	126	927.502	125	930.028	88	930.501	85
927.003	126	927.701	126	930.029	88	930.502	85
927.004	126	927.702	126	930.030	86	930.503	85
927.005	126	927.705	126	930.031	86	930.504	85
927.006	126	927.706	126	930.032	86	930.550	85
927.007	126	927.707	126	930.033	86	930.551	85
927.008	126	927.708	126	930.034	89	930.900	90
927.009	126	928.002	142	930.035	89	930.901	90
927.010	126	928.003	142	930.036	89	930.902	90
927.012	126	928.0040	142	930.044	89	930.903	90
927.013	126	928.0050	142	930.045	89	930.904	90
927.015	126	928.0060	142	930.049	87	930.905	90
927.050	126	928.007	142	930.050	87	930.906	90
927.051	126	928.0090	142	930.054	89	930.907	90
927.052	126	928.0100	142	930.057	89	930.908	90
927.053	126	928.017	142	930.058	86	930.909	90
927.054	126	928.020	142	930.059	86	930.910	90
927.055	126	928.021	142	930.060	91	930.911	90
927.057	126	928.024	142	930.061	91	931.000	133
927.059	126	928.026	142	930.062	91	931.001	133
927.060	126	928.0390	142	930.063	91	931.002	133

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931.008	133	936.014	99	940.052	202	941.320	160
931.009	133	936.015	99	940.053	202	941.321	160
931.016	133	937.001	157	940.070	63	941.322	160
931.021	133	937.002	157	940.071	63	941.323	160
931.031	133	937.003	157	940.073	63	941.324	160
931.032	133	937.004	157	940.074	63	941.325	160
931.033	133	937.102	157	940.083	181	941.326	160
931.034	133	937.103	157	940.085	181	941.327	160
931.131	133	937.104	157	940.089	202	941.328	160
931.132	133	937.105	157	940.096	29, 294	941.329	160
931.133	133	937.301	157	940.097	29	941.330	160
931.134	133	937.302	157	940.099	105	942.000	140
931.150	133	937.303	157	940.103	293	944.000	148
931.152	133	937.304	157	940.108	29	945.001	216, 221
931.231	133	937.305	157	940.112	181	945.002	216, 221
931.232	133	937.306	157	940.141	294	945.003	216, 221
931.233	133	937.307	157	940.142	294	950.000	232
931.234	133	937.308	157	940.143	294	950.009	232
931.250	133	937.309	157	940.176	205	950.013	232
931.252	133	937.310	157	940.191	293	960.101	57
931.900	134	937.311	157	940.192	293	960.102	57
933.001	55	937.312	157	940.193	293	960.103	57
933.002	55	937.313	157	940.194	293	960.201	57
933.004	76	937.314	157	941.001	160	960.202	57
933.006	71	937.315	157	941.002	160	960.203	57
933.007	32	937.316	157	941.003	160	960.301	57
933.008	55	937.317	157	941.004	160	960.302	57
933.009	55	937.318	157	941.101	160	960.303	57
933.011	71	937.319	157	941.102	160		
933.013	71	937.320	157	941.103	160		
933.014	32	937.321	157	941.104	160		
933.015	32	937.322	157	941.301	160		
934.001	146	937.323	157	941.302	160		
934.900	146	937.324	157	941.303	160		
934.901	146	937.325	157	941.304	160		
935.000	99	937.326	157	941.305	160		
935.100	99	937.327	157	941.306	160		
936.001	99	937.328	157	941.307	160		
936.002	99	937.329	157	941.308	160		
936.003	99	937.330	157	941.309	160		
936.004	99	938.001	136	941.310	160		
936.005	99	938.002	136	941.311	160		
936.006	99	938.101	136	941.312	160		
936.007	99	938.102	136	941.313	160		
936.008	99	940.024	29	941.314	160		
936.009	99	940.040	202	941.315	160		
936.010	99	940.041	202	941.316	160		
936.011	99	940.044	181	941.317	160		
936.012	99	940.047	205	941.318	160		

## Pictograms and their meanings

#	Item number		Colour
	Version		Residual current circuit breaker
€	Price in €		Automatic switch-off
	Socket outlet with earthing contact		Rewirable
	UK socket (3,15A)	19"	Compatible with 19" racks
	UTE socket		Custom Module
	Swiss socket		Keystone
	European socket		USB Charger
	Italy /socket outlet with earthing contact P40		Measurement per phase
	Dimensions 'L x W x H'		Measurement per port
	Socket orientation		Switching
	Switch		Sensors
	Surge protection		
	Mains and frequency filters		

## Pictograms and their meanings



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## Further information



### Custom Module

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



### Keystone

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



In principle, all of our power strips have a **shutter**.



For reasons related to the production process, there may be deviations from the specified dimensions and illustrations. We thank you for your understanding in this matter.



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