



# 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

# Contents

## **3 Editorial**

by Peter Bachmann, CEO

## **6 About us**

Facts and figures about BACHMANN

## **8 Product innovations**

and new product variants

## **10 Technologies**

and function modules

## **12 Information on the page structure**

A quick orientation of the catalogue pages

---

## **14 Power distribution**

Multiple-socket outlets | Distributor | Adapters | Plugs/couplings | Power cables | Cable management

## **96 Connection panels**

Integrated units | Surface-mounted units | iotspot | Floor units

## **176 Network and media technology**

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

## **206 Independent Systems**

Independent Monitor | Independent Workplace

## **218 Monitor Arms**

ZG1

## **224 Lamps**

Mobile | Stationary

## **236 Electrotechnical accessories**

inter BÄR

## **252 IT power distribution**

Power Distribution Units (PDU)

---

## **296 Glossary**

Explanations of technical terms

## **298 International connector systems**

Socket types | Plug types

## **304 Index**

Sorted by item number

## **315 Pictograms**

and their meaning

# QUICK FINDER

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



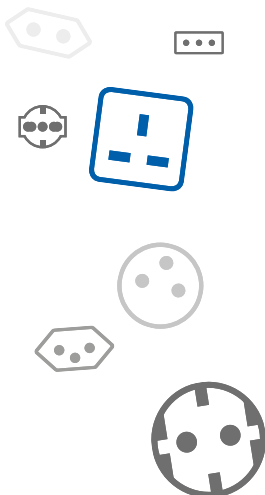
HOTEL

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.



---

## 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

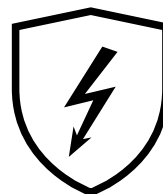
BACHMANN products are distinguished by their functionality and high technical standards. It is important to us that we tailor our products as specifically as possible to you. So, in addition to the standard functionalities, our products can be configured with the technologies and function modules presented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

---

## Surge protection

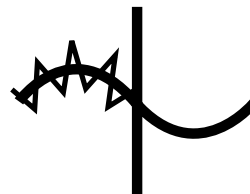
These days, the failure of electrical and electronic devices is a real nightmare scenario. Protecting such devices from excess electrical voltage is therefore a key task. Don't worry: the BACHMANN strips with built-in surge protection are the answer.



---

## Mains and frequency filter

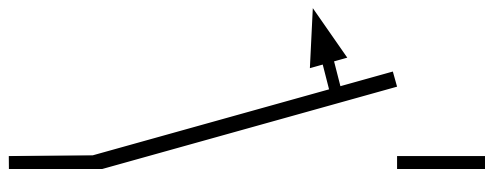
Mains and frequency filters ensure effective screening and smoothing of the input voltage. Only 'clean' voltage gets through our mains and frequency filters. Voltage stabilisation and the filtering-out of disturbance frequencies enables the connected device to run correctly and faultlessly.



---

## Residual current circuit breaker/miniature circuit breaker

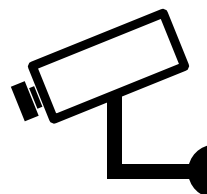
The residual current device/miniature circuit breaker integrated into a BACHMANN strip gives you peace of mind. You can choose between the two circuit breakers; a combination of the two is also possible, of course.



---

## Anti-theft bracket

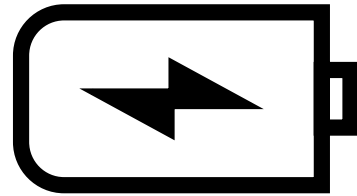
The anti-theft bracket is fitted permanently in the product and enables a Kensington lock to be affixed: anti-theft protection for mobile hardware such as laptops, desktop PCs, projectors, LCD screens, tablets, etc.





### 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.



---

### 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.

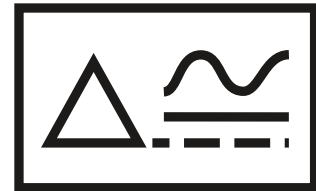


---

### 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  
Stromversatz 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





## Multiple-socket outlets

|                         |    |
|-------------------------|----|
| CONNECT LINE            | 16 |
| PRIMO 2                 | 18 |
| PRIMO                   | 20 |
| CRAFTSMAN SOCKET OUTLET | 22 |
| CONNECTUS               | 24 |
| STEP                    | 26 |
| SMART                   | 30 |
| SELLY                   | 33 |
| PEGGY                   | 35 |
| UNIVERSAL               | 37 |
| Garden socket outlets   | 39 |
| Outdoor (IP44)          | 40 |

## Distributor

|   |    |
|---|----|
| Cable reels                             | 41 |
| Kitchen connection box                  | 44 |
| Cooker and appliance connection sockets | 46 |
| Energy cube                             | 47 |
| CEE distributor                         | 48 |

## Adapters

|                             |    |
|-----------------------------|----|
| SMART Adapter               | 49 |
| Timer switches              | 49 |
| Energy measuring instrument | 50 |

## Adapters

|                     |    |
|---------------------|----|
| Thermostat adapters | 50 |
| Multiple plugs      | 50 |
| Travel adapters     | 51 |
| Personal protection | 52 |
| CEE adapters        | 54 |

## Plugs/couplings

|   |    |
|---|----|
| Mounting plugs/<br>mounting couplings     | 55 |
| Non-heating devices/<br>heating devices   | 60 |
| Wieland installation<br>connection system | 62 |

## Power cables

|   |    |
|---|----|
| Wieland installation<br>connection system | 64 |
| Extension cables                          | 67 |
| Supply cables/<br>connection cables       | 72 |
| Spiral cables                             | 80 |
| Accessories                               | 84 |

## Cable management

|                      |    |
|----------------------|----|
| Flexible cable guide | 85 |
| Rigid cable guide    | 91 |
| LOOP ROUND           | 92 |
| LOOP SQUARE          | 94 |



# CONNECT LINE

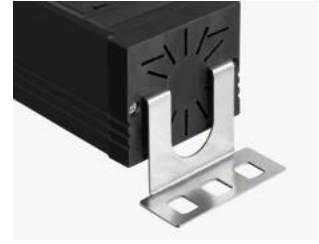
The socket strip offers a range of different mounting options. It is also rewirable and stands out with its compact design.

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° |   |   |   |         |  | • |
| 420.0014 | 7 | 35° | • |   |   |         |  | • |
| 420.0018 | 6 | 35° |   |   |   |         |  | • |
| 420.0022 | 5 | 35° | • | • |   |         |  | • |
| 420.0211 | 5 | 35° | • |   |   | A&C 22W |  | • |
| 420.0021 | 5 | 35° | • |   |   | A/A 15W |  | • |
| 420.0013 | 5 | 35° | • |   |   |         |  | • |
| 420.0012 | 4 | 35° | • |   |   |         |  | • |
| 420.0017 | 4 | 35° |   |   |   |         |  | • |
| 420.0068 | 3 | 35° |   | • | • |         |  | • |
| 420.0069 | 3 | 35° |   | • |   |         |  | • |



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

| # |  |  |  |  |  |  |  |  |
|---|---|---|---|---|---|---|---|---|
|---|---|---|---|---|---|---|---|---|

**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**

| # |  |
|---|---|
|---|---|

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 |
|---------|---|-----|--|--|--|--|--|---|------------------|

**ISDN** | 1 x ISDN input | 3 x ISDN output

|         |   |     |   |   |   |  |  |   |                  |
|---------|---|-----|---|---|---|--|--|---|------------------|
| 331.074 | 6 | 35° | • | • | • |  |  | • | 645 x 71 x 54 mm |
|---------|---|-----|---|---|---|--|--|---|------------------|

**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 |
|---------|---|-----|--|--|--|--|--|---|------------------|

**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 |
|---------|---|-----|---|---|---|---------|--|---|------------------|

**85 mm spacing**

|         |   |     |  |  |  |  |  |   |                  |
|---------|---|-----|--|--|--|--|--|---|------------------|
| 331.032 | 5 | 35° |  |  |  |  |  | • | 515 x 71 x 46 mm |
|---------|---|-----|--|--|--|--|--|---|------------------|



331.011



331.154



331.071



331.013



331.035



331.006



331.014



331.055



331.032



331.040



331.074



331.089



333.071



332.071



# 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 |
|---------|---|-----|---|--|--|--|--|------------------|



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

| # |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|
|---|--|--|--|--|--|--|--|--|--|

**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



336.015



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

|   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|
| # |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|

**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

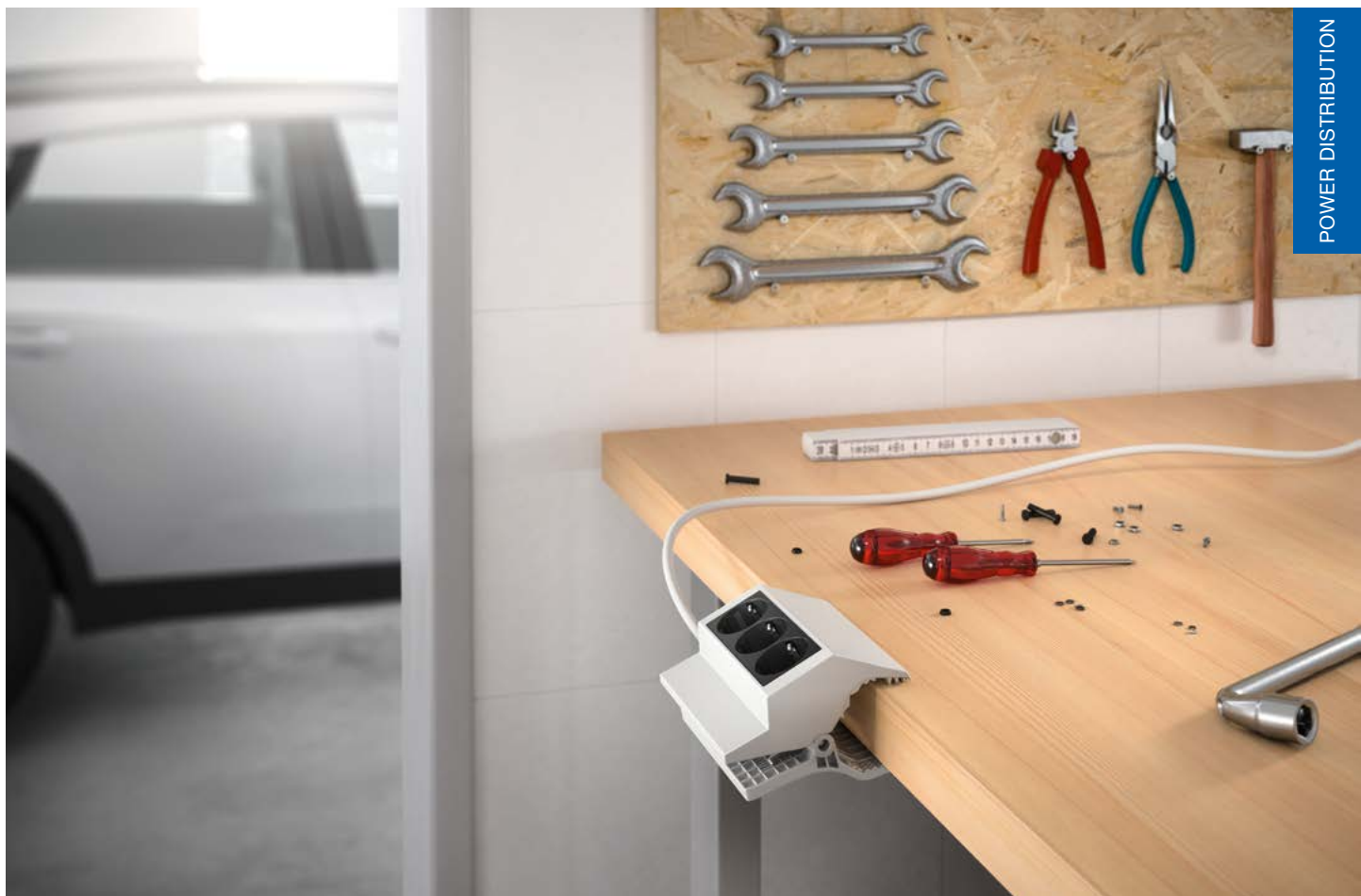


387.270S  
Similar to picture



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.

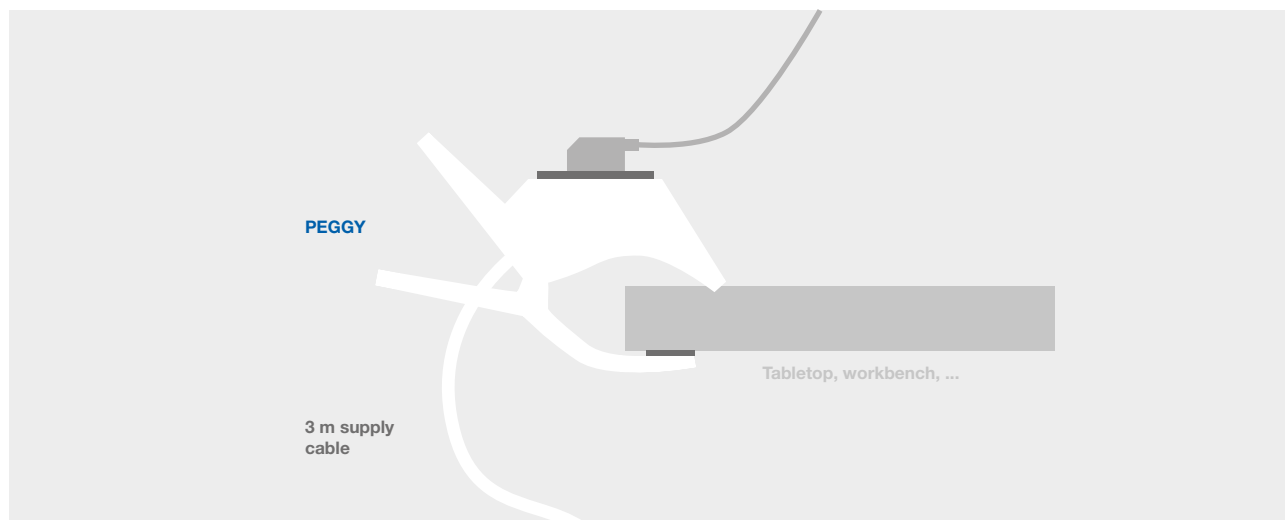
## BENEFITS

- **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 |





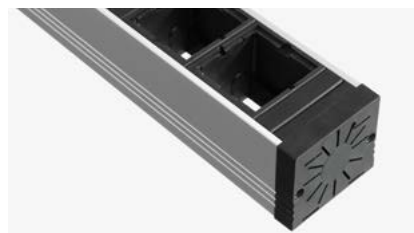
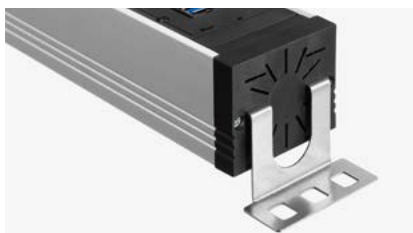
# UNIVERSAL

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             |

**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 |
|---------|---|



392.180



395.181



398.182



**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

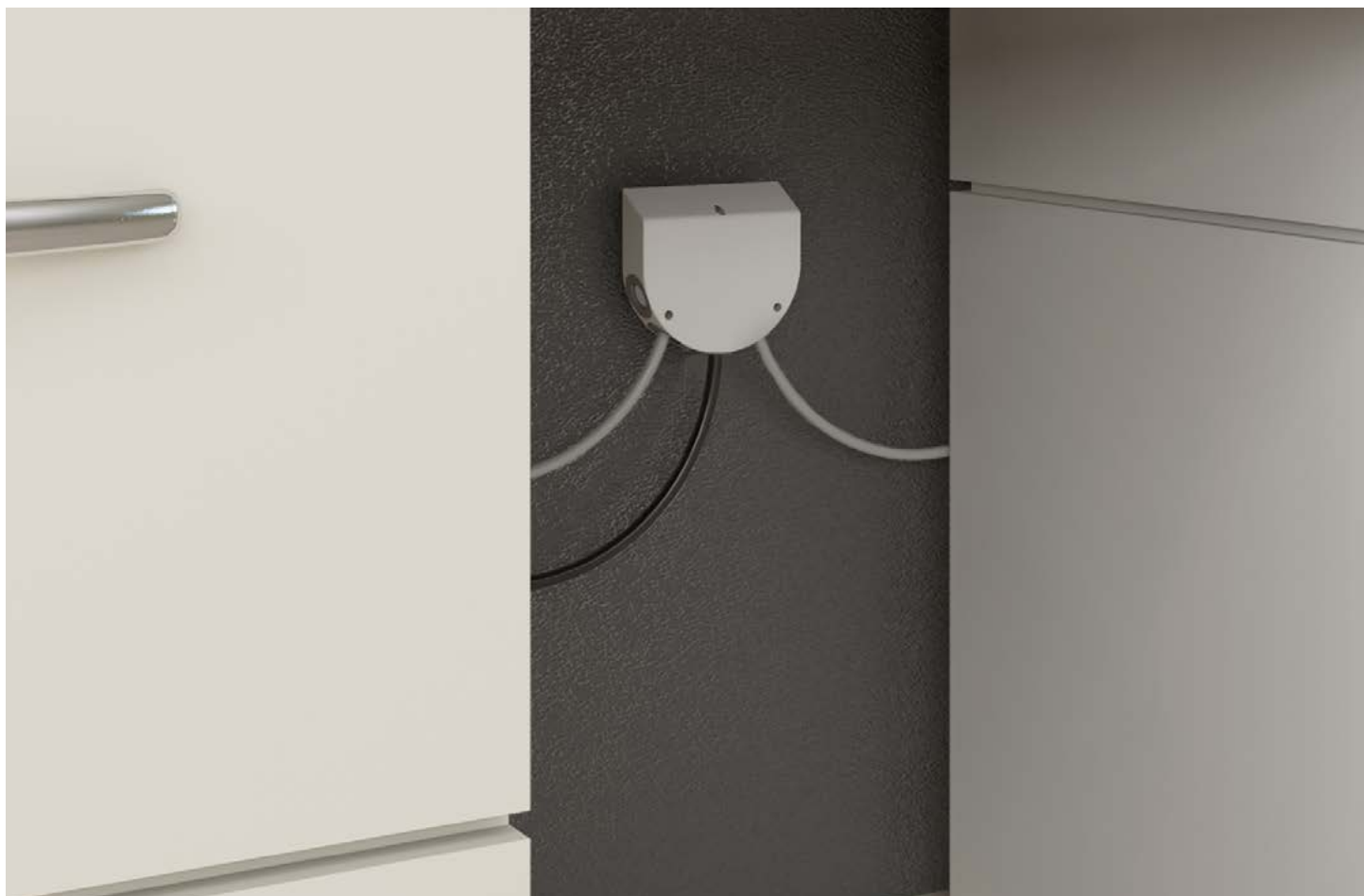
**Spring-type 4-way cable reel with hinged lid**

- 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**

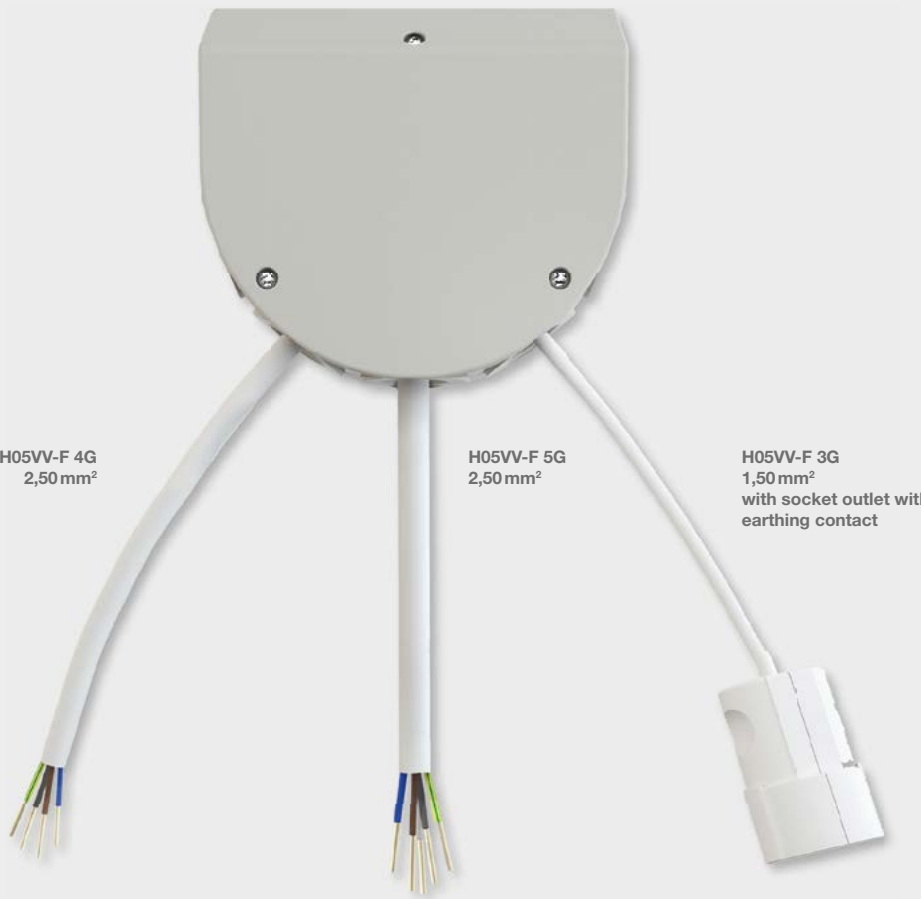
- Grey, with screw-mounting eyes, connected load up to 11 kW (with ohmic load)
- H05VV-F 5G 2.50 mm<sup>2</sup> for cooker connection box
- H05VV-F 4G 2.50 mm<sup>2</sup> for hob
- H05VV-F 3G 1.50 mm<sup>2</sup> with socket outlet with earthing contact for oven

| #                                  |   |
|------------------------------------|---|
|                                    |  |
| <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

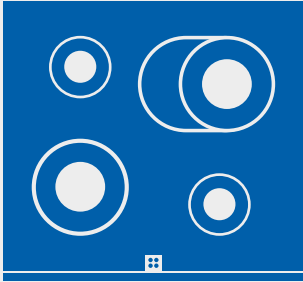
**Kitchen connection box**




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

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

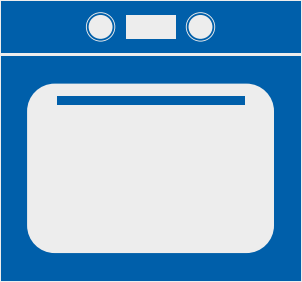
H05VV-F 3G  
1,50 mm<sup>2</sup>  
with socket outlet with  
earthing contact



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   8 x 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, 6 h/5-pole

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



## 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

| # |  |
|---|--|
|---|--|

### Mounting plug – rewirable

|         |       |
|---------|-------|
| 933.008 | Black |
| 933.009 | White |



933.008



933.009

## FLAT PLUG

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

| # |  |
|---|--|
|---|--|

### Mounting plug – rewirable

|         |       |
|---------|-------|
| 933.001 | Black |
| 933.002 | White |



933.001




933.002



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

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 mm²   |       |
| 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 mm²   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 mm²  |       |
| 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 mm²  |       |
| 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 mm²   |       |
| 911.273   | White |
| <b>Right-angled plug with switch</b>   Shatter-proof plastic version, with 2-pole rocker switch   H05VV-F 3G 1.50 mm²   |       |
| 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 mm²   |       |
| 910.971   | Grey  |
| <b>Central plug DIN 49441</b>   Small version   Shatter-proof plastic, with strain relief sleeve   H05VV-F 3G 1.0 mm²   |       |
| 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 mm²   |       |
| 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 mm²  |       |
| 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 mm² |       |
| 960.103   | Black |
| 960.203   | White |
| 960.303   | Grey  |
| <b>Small version</b>   Shatter-proof plastic   H05VV-F 3G 1.5 mm²   |       |
| 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

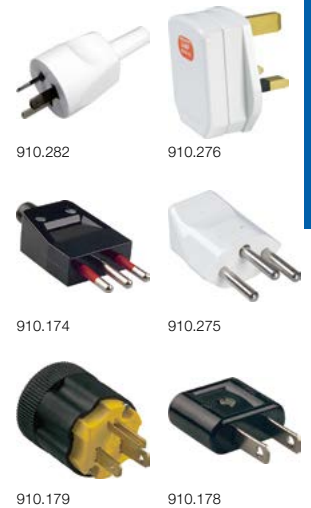



May only be supplied to end user pre-wired | Only to be wired by qualified technicians



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

**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   |



933.013

**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   |



933.006



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

**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 mm²</b>   Ø approx. 5.5 mm |   |
| 311.273  | 1.5 m   White   Unpacked  |
| 312.174  | 2.0 m   Black   Individually packed   |
| 312.275  | 3.0 m   White   Individually packed   |
| 312.175  | 3.0 m   Black   Individually packed   |





**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 |




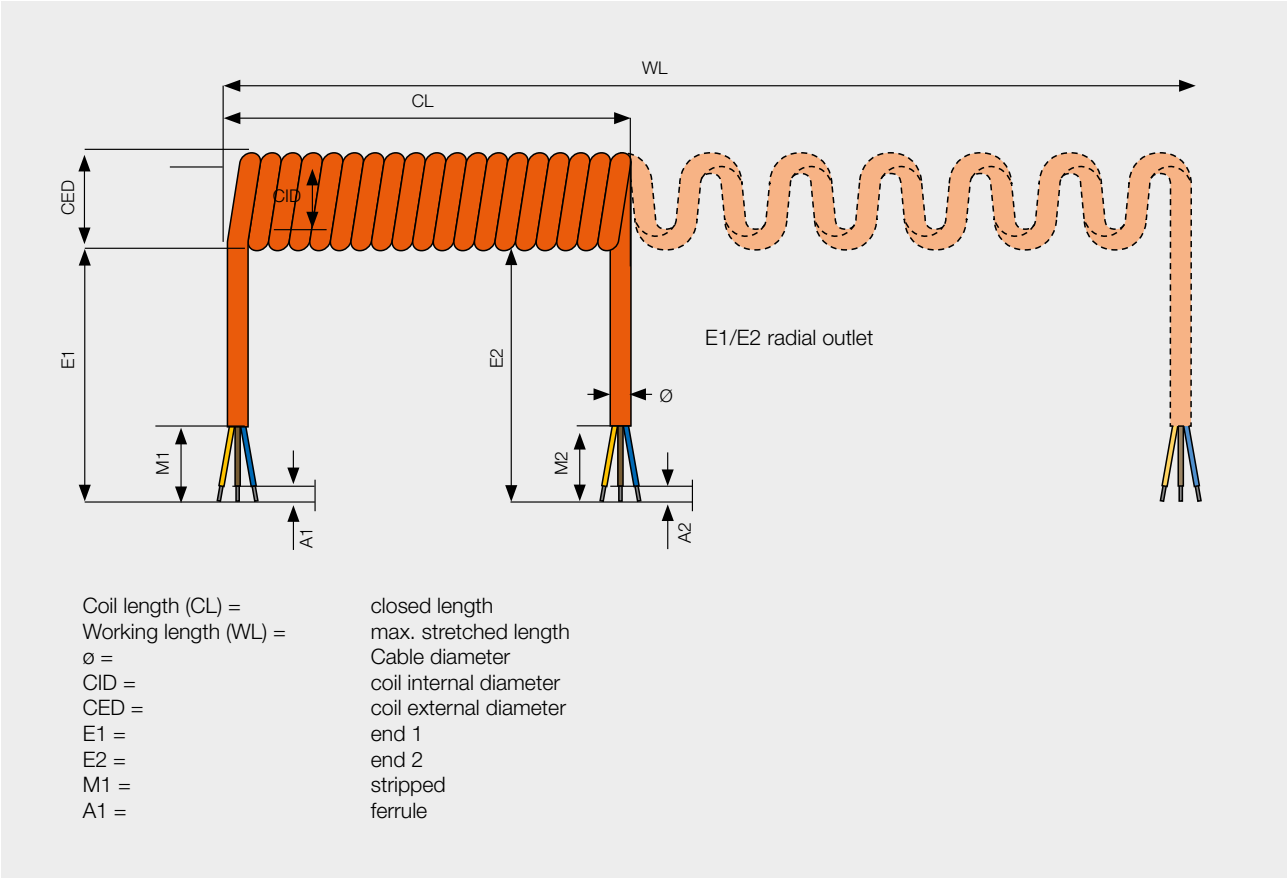
663.271



**Spiral cable, PUR**


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

| #  |   |
|--|---|
|  |  |
| <b>YMH11Y-J 5x 1.50 mm², Ø approx. 10.0 mm, CID: approx. 18 mm, CED: approx. 39 mm</b> |   |
| 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


| #   |   |
|---|---|
|      |   |
| <b>H07BQ-F 3G 1.50 mm², Ø approx. 9.5 mm, CID: approx. 13 mm, CED: approx. 32 mm</b>  |   |
| 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 |
| <b>H07BQ-F 3G 2.50 mm², Ø approx. 10.8 mm, CID: approx. 18 mm, CED: approx. 40 mm</b> |   |
| 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 |
| <b>H07BQ-F 5G 1.50 mm², Ø approx. 11.3 mm, CID: approx. 18 mm, CED: approx. 41 mm</b> |   |
| 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 |
| <b>H07BQ-F 5G 2.50 mm², Ø approx. 13.7 mm, CID: approx. 18 mm, CED: approx. 46 mm</b> |   |
| 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 |
| <b>H07BQ-F 7G 1.50 mm², Ø approx. 13.9 mm, CID: approx. 18 mm, CED: approx. 46 mm</b> |   |
| 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

| #  |  |
|--|--|
|   |  |
| <b>YM11Y-J 3G 1.50 mm², Ø approx. 8.0 mm, CID: approx. 13 mm, CED: approx. 29 mm</b> |  |
| 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

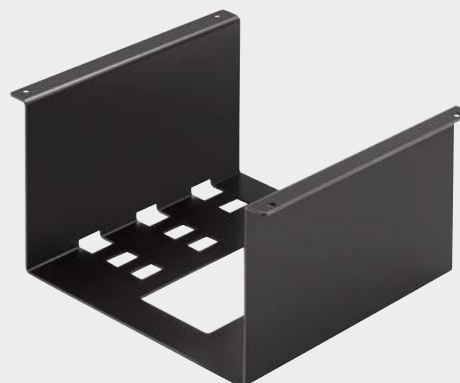


930.502

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 |



930.023



930.021



930.050



930.017



930.019




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**

| #       |  |
|---------|--|
|         |   |
|         | <b>Easy-Bridge for smooth floors</b>   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   |
|         | <b>Easy-Bridge for carpet</b>   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   |
|         | <b>Easy-Connect</b>   Universal coupling   |
| 930.026 | Silver   |
|         | <b>Easy-Desk-2B</b>   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   |
|         | <b>Easy-Desk-3G</b>   Easy-Steel mounting bar fastening   Adapter for horizontal connection  |
| 930.025 | Silver   |
|         | <b>Easy-Steel mounting bar</b>   |
| 930.024 | Length 750 mm, diameter 5 mm   |
|         | <b>Easy-Stop-2B2K</b>   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   |
|         | <b>E-Cube-K-540® power column for supply of power and data</b>   |
| 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



930.029



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

| #                                 |   |
|-----------------------------------|---|
|                                   |  |
| <b>Ø 2.54 cm = 1 inch</b>   Black |   |
| 930.900                           | 1.0 m   |
| 930.901                           | 2.0 m   |
| 930.902                           | 3.0 m   |
| <b>Ø 5.08 cm = 2 inch</b>   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

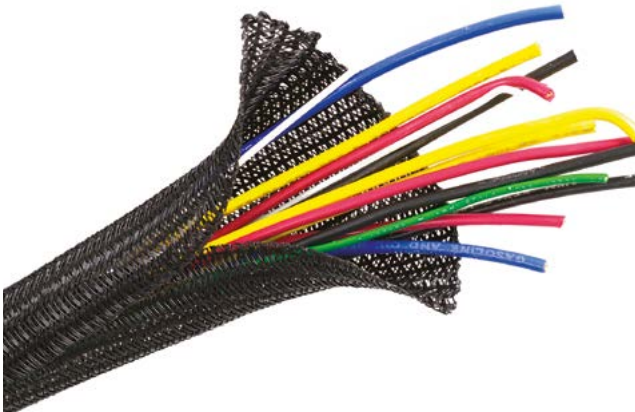
| #                                  |  |
|------------------------------------|--|
|                                    |  |
| <b>Ø 3.18 cm = 1¼ inch</b>   Black |  |
| 930.906                            | 1.0 m  |
| 930.907                            | 2.0 m  |
| 930.908                            | 3.0 m  |
| <b>Ø 5.08 cm = 2 inch</b>   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

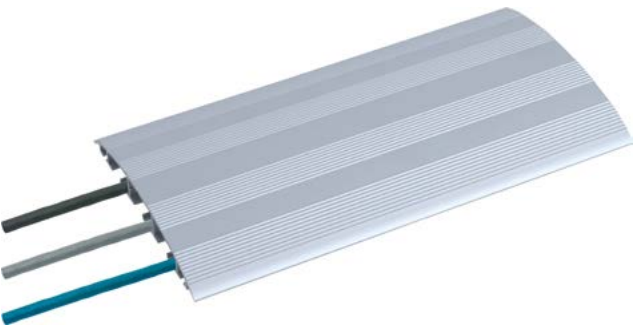


930.064

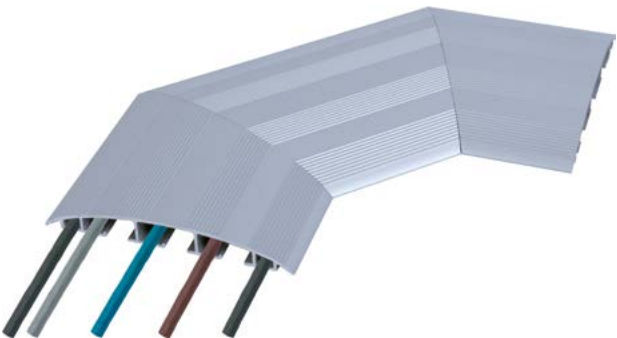


930.062

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**



**LOOP ROUND**  
Ring  
930.301

**LOOP ROUND**  
Lid  
930.301

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

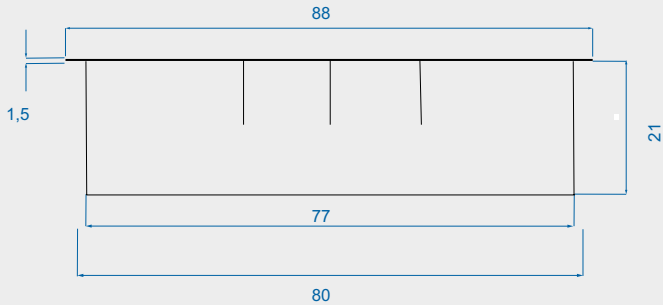


**LOOP ROUND**  
Ring  
930.301

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



**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   |



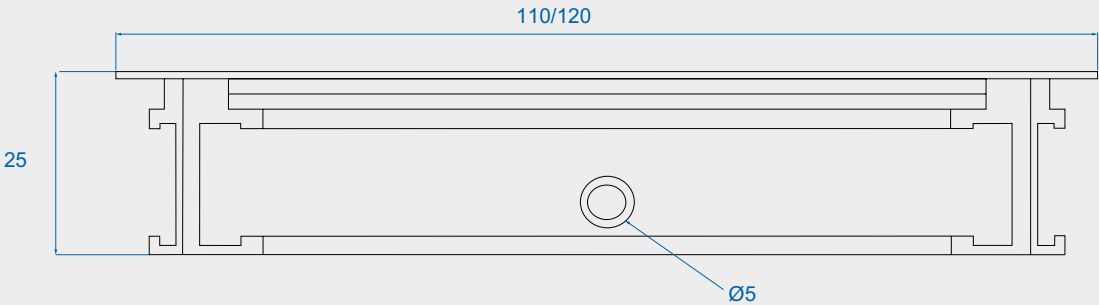
930.310



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 |
|-------|-----|

## **iotspot**

|         |     |
|---------|-----|
| iotspot | 169 |
|---------|-----|

## **Floor units**

|                     |     |
|---------------------|-----|
| Consolidation Point | 171 |
|---------------------|-----|



# 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  |

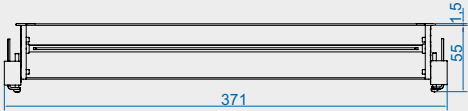
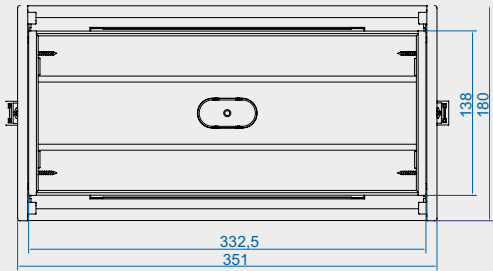


**VENID power strips**

| #  |  |  |  |  |  |  |  |  |
|--|---|---|---|---|---|---|---|---|
| <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) |



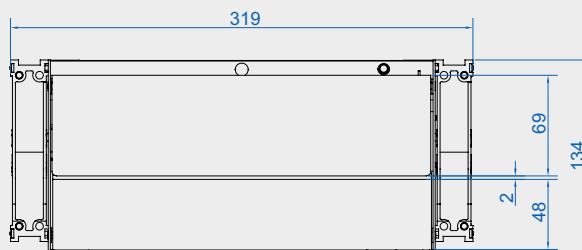
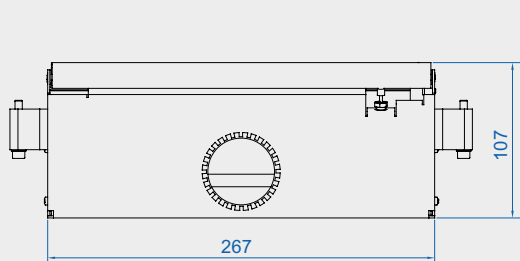
338.0231



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

| # |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|
|---|--|--|--|--|--|--|--|--|--|

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

|         |  |  |  |  |  |    |  |   |                  |
|---------|--|--|--|--|--|----|--|---|------------------|
| 909.000 |  |  |  |  |  | 0° |  | 4 | 263 x 52 x 42 mm |
|---------|--|--|--|--|--|----|--|---|------------------|

**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 |
|----------|--|--|--|---------|--|----|--|---|------------------|

**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)                          |



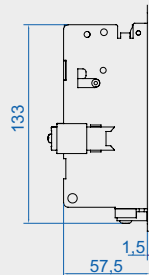
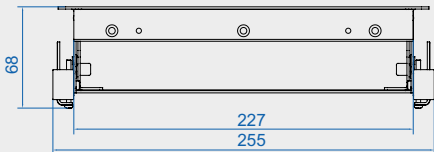
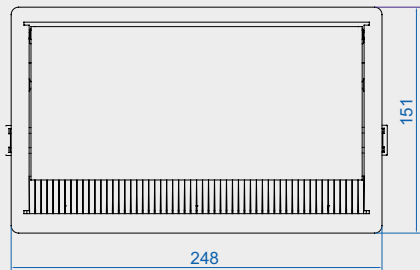
**CONI holder**

- 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**

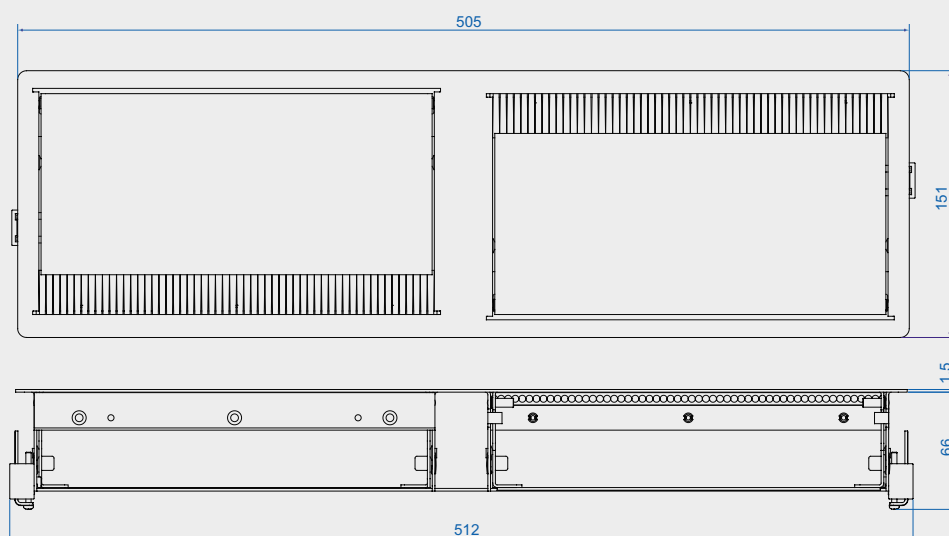
- For mounting CONI power strips without using a mounting frame; can be installed under a desktop or tabletop in a cable tray, for example. Standard chipboard screws (which can be purchased from all good retailers) are required for mounting.
- Takes account of the rear-side outlet and bending radii of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



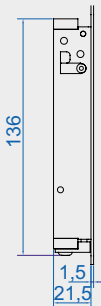
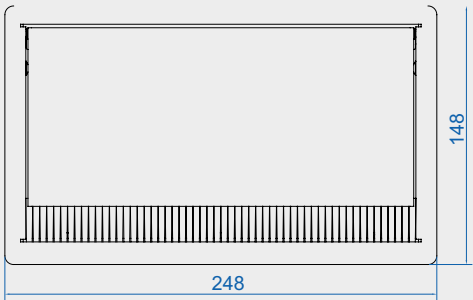
**Colour guides**

| #       |    |
|---------|---|
| 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

CONNECTION PANELS

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   |   |   |   |         | 3       |  | 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**



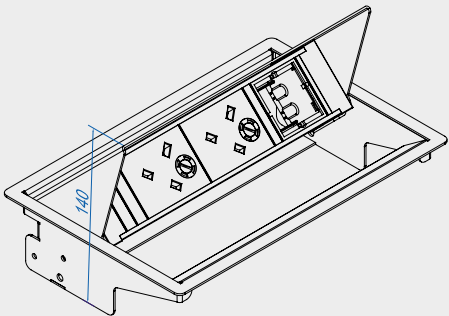
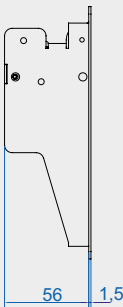
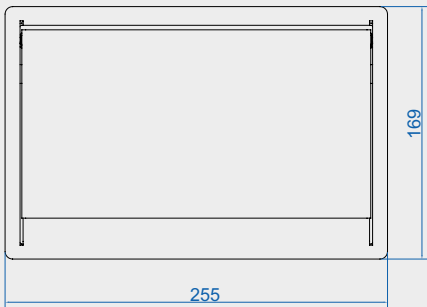
**CONEO SET**

- 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.

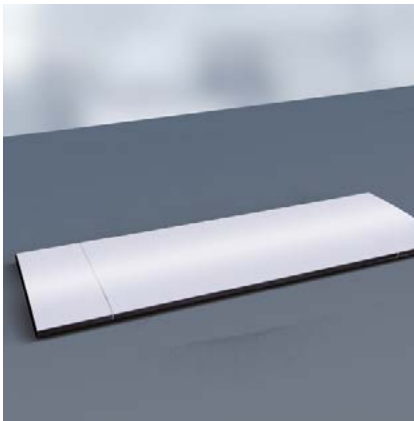
## BENEFITS

- **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



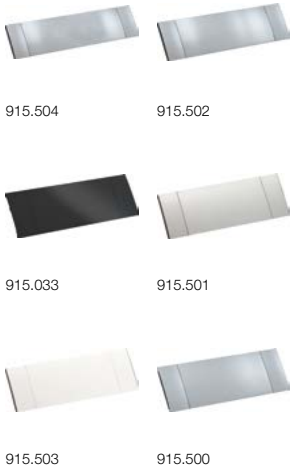




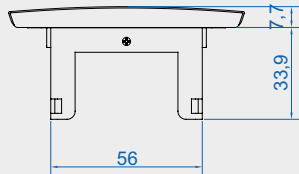
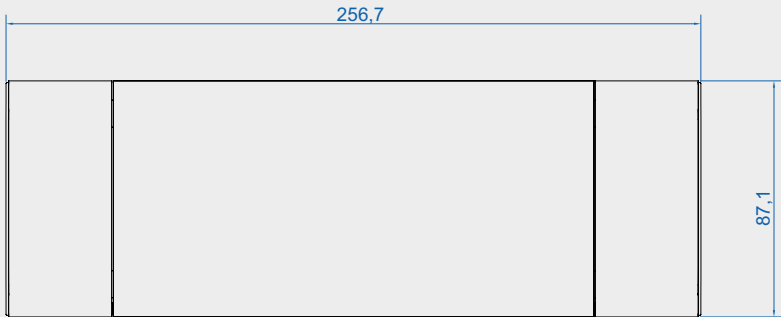
**POWER FRAME COVER**

- 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

CONNECTION PANELS

**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**

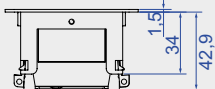
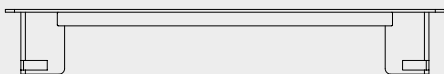
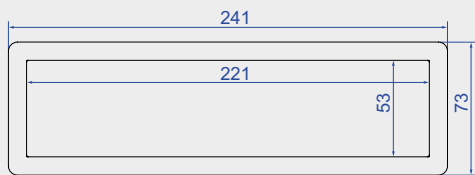
| #       |   |
|---------|---|
| 917.029 | Set of 5 colour charts   Chart size 120 mm x 64 mm   Colour chart set includes: grey metallic (similar to RAL9006), anthracite (similar to RAL7016), black (similar to RAL9005), white (similar to RAL9010), moonstone metallic |



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,<br>front side: socket;<br>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**



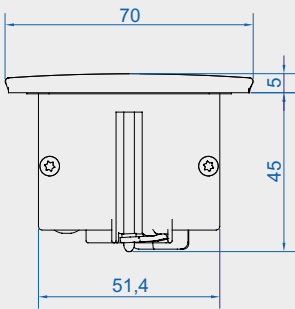
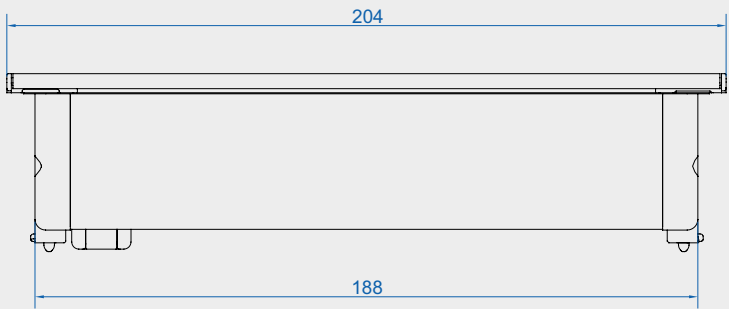
**KAPSA lid**

- 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 |   |   |   |   |         | 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 |   |  |  |   |         | 35° |         | 3 | 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



927.052



927.062



927.701



927.057



927.706



927.053



927.054



927.055



927.064



927.707



927.059



927.060



927.061



927.705



927.708



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

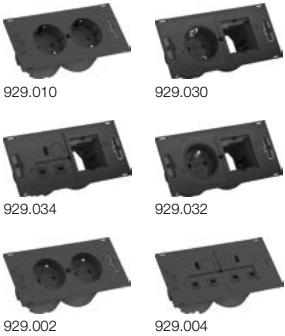


ARCHITEKTUR  
TECHNIK

**DUE power strips**

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

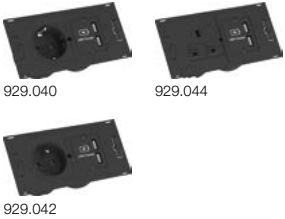
| #   |   |   |   |     |  |   |                  |
|---|---|---|---|-----|--|---|------------------|
| <b>Power input: 0.2 m cable with GST18i3 plug</b>                         |   |   |   |     |  |   |                  |
| 929.010   | 2 |   |   | 90° |  |   | 139 x 67 x 49 mm |
| 929.030   | 1 |   |   | 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



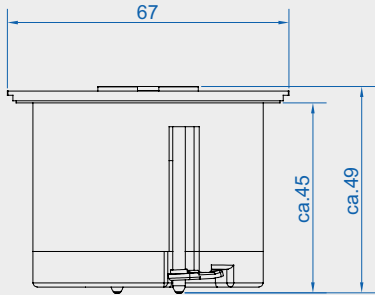
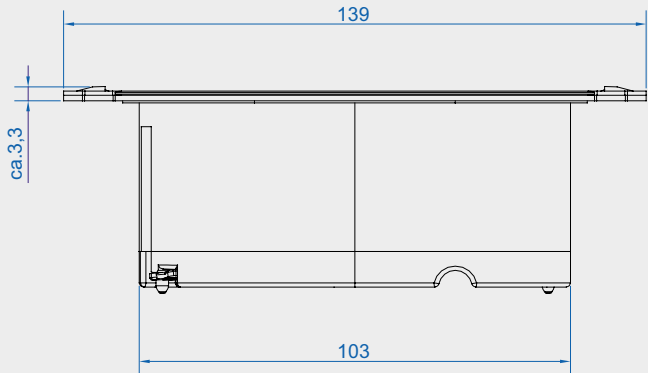
929.101



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

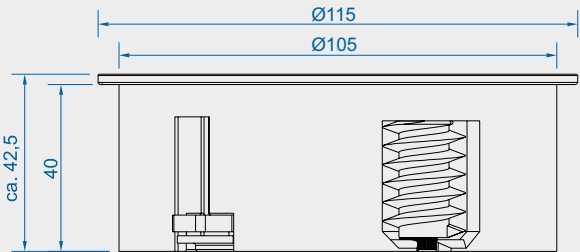


931.900

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**



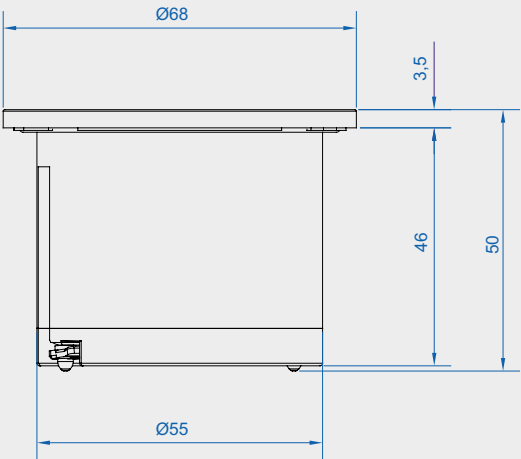
**PIX power strips**

- 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 |



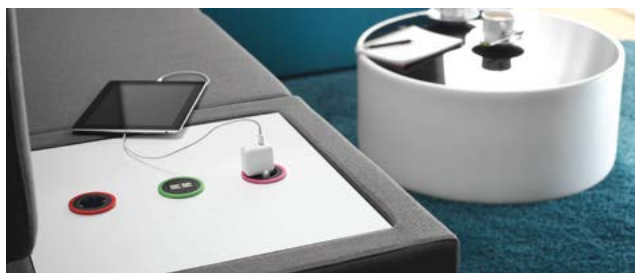
**Compact design and low mounting depth**  
ensure space-saving installation.



Dimensions in mm

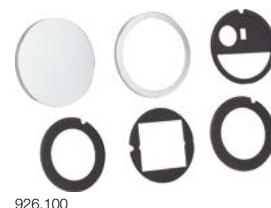
For suitable **device supply cables**, see page 62 onwards.

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   |

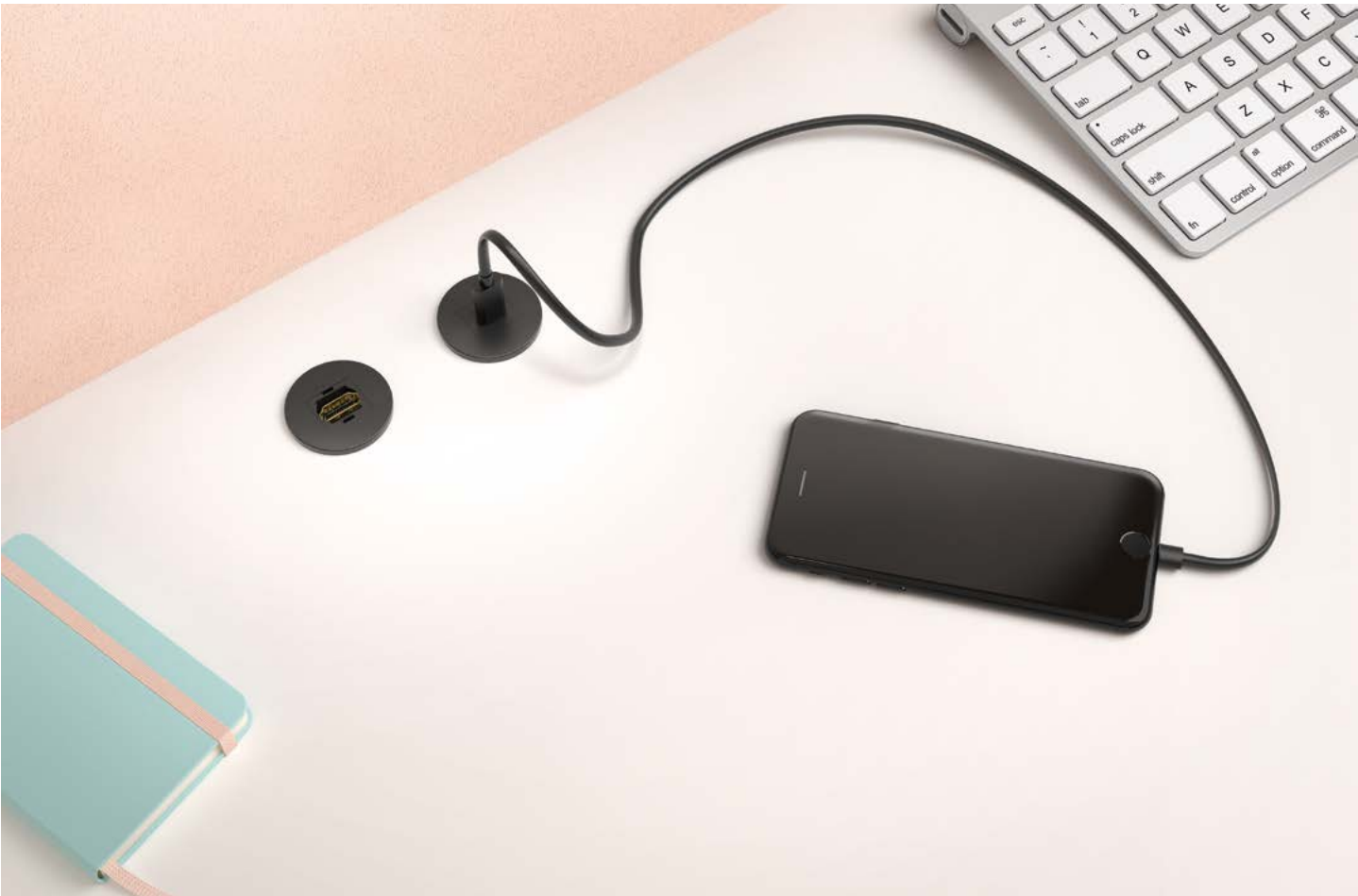


918.900



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

| # |  |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|--|
|---|--|--|--|--|--|--|--|--|--|--|

**Matt chrome** | 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 |

**Stainless steel look** | 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 |



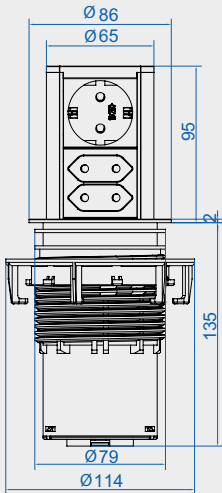
928.002
 928.020



928.063



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 (H x Ø): 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



**DESK 2 power strips – white, similar to RAL9010**

- Profile: Aluminium, painted white, similar to RAL9010
- Socket: Black plastic
- Tabletop thickness: 10 – 40 mm

| # |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|
|---|--|--|--|--|--|--|--|--|--|

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

|         |   |  |  |  |  |  |  |                   |
|---------|---|--|--|--|--|--|--|-------------------|
| 902.302 | 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 |
|---------|---|--|--|--|--|--|--|-------------------|

|         |   |  |  |  |  |  |  |                   |
|---------|---|--|--|--|--|--|--|-------------------|
| 902.301 | 3 |  |  |  |  |  | 1 x USB-A/A 3.0 keystone module   1 x CAT6A coupling socket/socket | 239 x 85 x 100 mm |
|---------|---|--|--|--|--|--|--|-------------------|

|         |   |  |  |  |  |  |  |                   |
|---------|---|--|--|--|--|--|--|-------------------|
| 902.300 | 3 |  |  |  |  |  |  | 197 x 85 x 100 mm |
|---------|---|--|--|--|--|--|--|-------------------|

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

|         |   |  |  |  |  |  |   |                   |
|---------|---|--|--|--|--|--|---|-------------------|
| 902.202 | 3 |  |  |  |  |  | 3 | 324 x 85 x 100 mm |
|---------|---|--|--|--|--|--|---|-------------------|

|         |   |  |  |  |  |  |   |                   |
|---------|---|--|--|--|--|--|---|-------------------|
| 902.201 | 3 |  |  |  |  |  | 2 | 282 x 85 x 100 mm |
|---------|---|--|--|--|--|--|---|-------------------|

|         |   |  |  |  |  |  |   |                   |
|---------|---|--|--|--|--|--|---|-------------------|
| 902.200 | 3 |  |  |  |  |  | 1 | 239 x 85 x 100 mm |
|---------|---|--|--|--|--|--|---|-------------------|

|          |   |  |  |  |  |  |  |                   |
|----------|---|--|--|--|--|--|--|-------------------|
| 902.2048 | 3 |  |  |  |  |  |  | 197 x 85 x 100 mm |
|----------|---|--|--|--|--|--|--|-------------------|

|         |   |  |  |  |  |  |         |                   |
|---------|---|--|--|--|--|--|---------|-------------------|
| 902.229 | 2 |  |  |  |  |  | A/A 15W | 282 x 85 x 100 mm |
|---------|---|--|--|--|--|--|---------|-------------------|

|         |   |  |  |  |  |  |         |                   |
|---------|---|--|--|--|--|--|---------|-------------------|
| 902.935 | 2 |  |  |  |  |  | A&C 22W | 251 x 85 x 100 mm |
|---------|---|--|--|--|--|--|---------|-------------------|

|         |   |  |  |  |  |  |       |                   |
|---------|---|--|--|--|--|--|-------|-------------------|
| 902.936 | 2 |  |  |  |  |  | C 30W | 251 x 85 x 100 mm |
|---------|---|--|--|--|--|--|-------|-------------------|

|         |   |  |  |  |  |  |       |                   |
|---------|---|--|--|--|--|--|-------|-------------------|
| 902.937 | 2 |  |  |  |  |  | C 60W | 294 x 85 x 100 mm |
|---------|---|--|--|--|--|--|-------|-------------------|

|         |   |  |  |  |  |  |         |                   |
|---------|---|--|--|--|--|--|---------|-------------------|
| 902.228 | 2 |  |  |  |  |  | A/A 15W | 241 x 85 x 100 mm |
|---------|---|--|--|--|--|--|---------|-------------------|

|         |   |  |  |  |  |  |   |                   |
|---------|---|--|--|--|--|--|---|-------------------|
| 902.211 | 2 |  |  |  |  |  | 2 | 239 x 85 x 100 mm |
|---------|---|--|--|--|--|--|---|-------------------|

|         |   |  |  |  |  |  |   |                   |
|---------|---|--|--|--|--|--|---|-------------------|
| 902.203 | 2 |  |  |  |  |  | 1 | 197 x 85 x 100 mm |
|---------|---|--|--|--|--|--|---|-------------------|

|         |   |  |  |  |  |  |         |                   |
|---------|---|--|--|--|--|--|---------|-------------------|
| 902.932 | 2 |  |  |  |  |  | A&C 22W | 209 x 85 x 100 mm |
|---------|---|--|--|--|--|--|---------|-------------------|

|         |   |  |  |  |  |  |       |                   |
|---------|---|--|--|--|--|--|-------|-------------------|
| 902.933 | 2 |  |  |  |  |  | C 30W | 209 x 85 x 100 mm |
|---------|---|--|--|--|--|--|-------|-------------------|

|         |   |  |  |  |  |  |       |                   |
|---------|---|--|--|--|--|--|-------|-------------------|
| 902.934 | 2 |  |  |  |  |  | C 60W | 251 x 85 x 100 mm |
|---------|---|--|--|--|--|--|-------|-------------------|

|         |   |  |  |  |  |  |         |                   |
|---------|---|--|--|--|--|--|---------|-------------------|
| 902.380 | 1 |  |  |  |  |  | A/A 15W | 155 x 85 x 100 mm |
|---------|---|--|--|--|--|--|---------|-------------------|

|         |  |   |  |  |  |  |  |                   |
|---------|--|---|--|--|--|--|--|-------------------|
| 902.214 |  | 4 |  |  |  |  |  | 317 x 85 x 100 mm |
|---------|--|---|--|--|--|--|--|-------------------|

|         |  |   |  |  |  |  |         |                   |
|---------|--|---|--|--|--|--|---------|-------------------|
| 902.947 |  | 2 |  |  |  |  | A&C 22W | 294 x 85 x 100 mm |
|---------|--|---|--|--|--|--|---------|-------------------|

|         |  |   |  |  |  |  |       |                   |
|---------|--|---|--|--|--|--|-------|-------------------|
| 902.948 |  | 2 |  |  |  |  | C 30W | 294 x 85 x 100 mm |
|---------|--|---|--|--|--|--|-------|-------------------|

|         |  |   |  |  |  |  |       |                   |
|---------|--|---|--|--|--|--|-------|-------------------|
| 902.949 |  | 2 |  |  |  |  | C 60W | 336 x 85 x 100 mm |
|---------|--|---|--|--|--|--|-------|-------------------|

|         |  |   |  |  |  |  |         |                   |
|---------|--|---|--|--|--|--|---------|-------------------|
| 902.231 |  | 2 |  |  |  |  | A/A 15W | 274 x 85 x 100 mm |
|---------|--|---|--|--|--|--|---------|-------------------|

|         |  |   |  |  |  |  |   |                   |
|---------|--|---|--|--|--|--|---|-------------------|
| 902.206 |  | 2 |  |  |  |  | 1 | 239 x 85 x 100 mm |
|---------|--|---|--|--|--|--|---|-------------------|

|         |  |   |  |  |  |  |         |                   |
|---------|--|---|--|--|--|--|---------|-------------------|
| 902.944 |  | 2 |  |  |  |  | A&C 22W | 225 x 85 x 100 mm |
|---------|--|---|--|--|--|--|---------|-------------------|

|         |  |   |  |  |  |  |       |                   |
|---------|--|---|--|--|--|--|-------|-------------------|
| 902.945 |  | 2 |  |  |  |  | C 30W | 225 x 85 x 100 mm |
|---------|--|---|--|--|--|--|-------|-------------------|

|         |  |   |  |  |  |  |       |                   |
|---------|--|---|--|--|--|--|-------|-------------------|
| 902.946 |  | 2 |  |  |  |  | C 60W | 294 x 85 x 100 mm |
|---------|--|---|--|--|--|--|-------|-------------------|

|         |  |   |  |  |  |  |  |                   |
|---------|--|---|--|--|--|--|--|-------------------|
| 902.213 |  | 2 |  |  |  |  |  | 197 x 85 x 100 mm |
|---------|--|---|--|--|--|--|--|-------------------|

|         |  |  |   |  |  |  |   |                   |
|---------|--|--|---|--|--|--|---|-------------------|
| 902.205 |  |  | 3 |  |  |  | 2 | 282 x 85 x 100 mm |
|---------|--|--|---|--|--|--|---|-------------------|

|         |  |  |   |  |  |  |   |                   |
|---------|--|--|---|--|--|--|---|-------------------|
| 902.204 |  |  | 3 |  |  |  | 1 | 239 x 85 x 100 mm |
|---------|--|--|---|--|--|--|---|-------------------|

|         |  |  |   |  |  |  |         |                   |
|---------|--|--|---|--|--|--|---------|-------------------|
| 902.953 |  |  | 2 |  |  |  | A&C 22W | 251 x 85 x 100 mm |
|---------|--|--|---|--|--|--|---------|-------------------|

|         |  |  |   |  |  |  |       |                   |
|---------|--|--|---|--|--|--|-------|-------------------|
| 902.954 |  |  | 2 |  |  |  | C 30W | 251 x 85 x 100 mm |
|---------|--|--|---|--|--|--|-------|-------------------|

|         |  |  |   |  |  |  |       |                   |
|---------|--|--|---|--|--|--|-------|-------------------|
| 902.955 |  |  | 2 |  |  |  | C 60W | 294 x 85 x 100 mm |
|---------|--|--|---|--|--|--|-------|-------------------|

|         |  |  |   |  |  |  |         |                   |
|---------|--|--|---|--|--|--|---------|-------------------|
| 902.232 |  |  | 2 |  |  |  | A/A 15W | 239 x 85 x 100 mm |
|---------|--|--|---|--|--|--|---------|-------------------|

|         |  |  |   |  |  |  |         |                   |
|---------|--|--|---|--|--|--|---------|-------------------|
| 902.950 |  |  | 2 |  |  |  | A&C 22W | 209 x 85 x 100 mm |
|---------|--|--|---|--|--|--|---------|-------------------|

|         |  |  |   |  |  |  |       |                   |
|---------|--|--|---|--|--|--|-------|-------------------|
| 902.951 |  |  | 2 |  |  |  | C 30W | 209 x 85 x 100 mm |
|---------|--|--|---|--|--|--|-------|-------------------|

|         |  |  |   |  |  |  |       |                   |
|---------|--|--|---|--|--|--|-------|-------------------|
| 902.952 |  |  | 2 |  |  |  | C 60W | 251 x 85 x 100 mm |
|---------|--|--|---|--|--|--|-------|-------------------|

|          |  |  |   |  |  |  |         |                   |
|----------|--|--|---|--|--|--|---------|-------------------|
| 902.3641 |  |  | 1 |  |  |  | A/A 15W | 155 x 85 x 100 mm |
|----------|--|--|---|--|--|--|---------|-------------------|

|         |  |  |  |         |  |  |     |   |                   |
|---------|--|--|--|---------|--|--|-----|---|-------------------|
| 902.209 |  |  |  | 3 (T13) |  |  | 90° | 2 | 282 x 85 x 100 mm |
|---------|--|--|--|---------|--|--|-----|---|-------------------|



902.201



902.2048



902.229



902.228



902.211



902.203



902.214



902.231



902.206

| #       |  |  |  |         |   |     |         |   |                   |
|---------|--|--|--|---------|---|-----|---------|---|-------------------|
| 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

| # |  |  |  |  |  |  |  |  |  |
|---|--|--|--|--|--|--|--|--|--|
|---|--|--|--|--|--|--|--|--|--|

**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 |
|---------|---|--|--|--|--|--|--|--|-------------------|

|         |   |  |  |  |  |  |  |  |                   |
|---------|---|--|--|--|--|--|--|--|-------------------|
| 902.501 | 3 |  |  |  |  |  |  | 1 x USB-A/A 3.0 keystone module   1 x CAT6A coupling socket/socket | 239 x 85 x 100 mm |
|---------|---|--|--|--|--|--|--|--|-------------------|

|         |   |  |  |  |  |  |  |  |                   |
|---------|---|--|--|--|--|--|--|--|-------------------|
| 902.500 | 3 |  |  |  |  |  |  |  | 197 x 85 x 100 mm |
|---------|---|--|--|--|--|--|--|--|-------------------|

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

|         |   |  |  |  |  |  |  |   |                   |
|---------|---|--|--|--|--|--|--|---|-------------------|
| 902.402 | 3 |  |  |  |  |  |  | 3 | 324 x 85 x 100 mm |
|---------|---|--|--|--|--|--|--|---|-------------------|

|         |   |  |  |  |  |  |  |   |                   |
|---------|---|--|--|--|--|--|--|---|-------------------|
| 902.401 | 3 |  |  |  |  |  |  | 2 | 282 x 85 x 100 mm |
|---------|---|--|--|--|--|--|--|---|-------------------|

|         |   |  |  |  |  |  |  |   |                   |
|---------|---|--|--|--|--|--|--|---|-------------------|
| 902.400 | 3 |  |  |  |  |  |  | 1 | 239 x 85 x 100 mm |
|---------|---|--|--|--|--|--|--|---|-------------------|

|          |   |  |  |  |  |  |  |  |                   |
|----------|---|--|--|--|--|--|--|--|-------------------|
| 902.4048 | 3 |  |  |  |  |  |  |  | 197 x 85 x 100 mm |
|----------|---|--|--|--|--|--|--|--|-------------------|

|         |   |  |  |  |  |  |  |   |                   |
|---------|---|--|--|--|--|--|--|---|-------------------|
| 902.429 | 2 |  |  |  |  |  |  | 2 | 282 x 85 x 100 mm |
|---------|---|--|--|--|--|--|--|---|-------------------|

|         |   |  |  |  |  |  |  |   |                   |
|---------|---|--|--|--|--|--|--|---|-------------------|
| 902.904 | 2 |  |  |  |  |  |  | 1 | 251 x 85 x 100 mm |
|---------|---|--|--|--|--|--|--|---|-------------------|

|         |   |  |  |  |  |  |  |   |                   |
|---------|---|--|--|--|--|--|--|---|-------------------|
| 902.905 | 2 |  |  |  |  |  |  | 1 | 251 x 85 x 100 mm |
|---------|---|--|--|--|--|--|--|---|-------------------|

|         |   |  |  |  |  |  |  |   |                   |
|---------|---|--|--|--|--|--|--|---|-------------------|
| 902.906 | 2 |  |  |  |  |  |  | 1 | 294 x 85 x 100 mm |
|---------|---|--|--|--|--|--|--|---|-------------------|

|         |   |  |  |  |  |  |  |   |                   |
|---------|---|--|--|--|--|--|--|---|-------------------|
| 902.428 | 2 |  |  |  |  |  |  | 1 | 241 x 85 x 100 mm |
|---------|---|--|--|--|--|--|--|---|-------------------|

|         |   |  |  |  |  |  |  |   |                   |
|---------|---|--|--|--|--|--|--|---|-------------------|
| 902.411 | 2 |  |  |  |  |  |  | 2 | 239 x 85 x 100 mm |
|---------|---|--|--|--|--|--|--|---|-------------------|

|         |   |  |  |  |  |  |  |   |                   |
|---------|---|--|--|--|--|--|--|---|-------------------|
| 902.403 | 2 |  |  |  |  |  |  | 1 | 197 x 85 x 100 mm |
|---------|---|--|--|--|--|--|--|---|-------------------|

|         |   |  |  |  |  |  |  |  |                   |
|---------|---|--|--|--|--|--|--|--|-------------------|
| 902.901 | 2 |  |  |  |  |  |  |  | 209 x 85 x 100 mm |
|---------|---|--|--|--|--|--|--|--|-------------------|

|         |   |  |  |  |  |  |  |  |                   |
|---------|---|--|--|--|--|--|--|--|-------------------|
| 902.902 | 2 |  |  |  |  |  |  |  | 209 x 85 x 100 mm |
|---------|---|--|--|--|--|--|--|--|-------------------|

|         |   |  |  |  |  |  |  |  |                   |
|---------|---|--|--|--|--|--|--|--|-------------------|
| 902.903 | 2 |  |  |  |  |  |  |  | 251 x 85 x 100 mm |
|---------|---|--|--|--|--|--|--|--|-------------------|

|          |   |  |  |  |  |  |  |  |                   |
|----------|---|--|--|--|--|--|--|--|-------------------|
| 902.5712 | 1 |  |  |  |  |  |  |  | 155 x 85 x 100 mm |
|----------|---|--|--|--|--|--|--|--|-------------------|

|         |  |   |  |  |  |  |  |   |                   |
|---------|--|---|--|--|--|--|--|---|-------------------|
| 902.917 |  | 2 |  |  |  |  |  | 1 | 294 x 85 x 100 mm |
|---------|--|---|--|--|--|--|--|---|-------------------|

|         |  |   |  |  |  |  |  |   |                   |
|---------|--|---|--|--|--|--|--|---|-------------------|
| 902.918 |  | 2 |  |  |  |  |  | 1 | 294 x 85 x 100 mm |
|---------|--|---|--|--|--|--|--|---|-------------------|

|         |  |   |  |  |  |  |  |   |                   |
|---------|--|---|--|--|--|--|--|---|-------------------|
| 902.919 |  | 2 |  |  |  |  |  | 1 | 336 x 85 x 100 mm |
|---------|--|---|--|--|--|--|--|---|-------------------|

|         |  |   |  |  |  |  |  |   |                   |
|---------|--|---|--|--|--|--|--|---|-------------------|
| 902.431 |  | 2 |  |  |  |  |  | 1 | 274 x 85 x 100 mm |
|---------|--|---|--|--|--|--|--|---|-------------------|

|         |  |   |  |  |  |  |  |   |                   |
|---------|--|---|--|--|--|--|--|---|-------------------|
| 902.407 |  | 2 |  |  |  |  |  | 2 | 274 x 85 x 100 mm |
|---------|--|---|--|--|--|--|--|---|-------------------|

|         |  |   |  |  |  |  |  |  |                   |
|---------|--|---|--|--|--|--|--|--|-------------------|
| 902.913 |  | 2 |  |  |  |  |  |  | 225 x 85 x 100 mm |
|---------|--|---|--|--|--|--|--|--|-------------------|

|         |  |   |  |  |  |  |  |  |                   |
|---------|--|---|--|--|--|--|--|--|-------------------|
| 902.914 |  | 2 |  |  |  |  |  |  | 225 x 85 x 100 mm |
|---------|--|---|--|--|--|--|--|--|-------------------|

|         |  |   |  |  |  |  |  |  |                   |
|---------|--|---|--|--|--|--|--|--|-------------------|
| 902.915 |  | 2 |  |  |  |  |  |  | 294 x 85 x 100 mm |
|---------|--|---|--|--|--|--|--|--|-------------------|

|         |  |  |   |  |  |  |  |   |                   |
|---------|--|--|---|--|--|--|--|---|-------------------|
| 902.405 |  |  | 3 |  |  |  |  | 2 | 282 x 85 x 100 mm |
|---------|--|--|---|--|--|--|--|---|-------------------|

|         |  |  |   |  |  |  |  |   |                   |
|---------|--|--|---|--|--|--|--|---|-------------------|
| 902.404 |  |  | 3 |  |  |  |  | 1 | 239 x 85 x 100 mm |
|---------|--|--|---|--|--|--|--|---|-------------------|

|         |  |  |   |  |  |  |  |   |                   |
|---------|--|--|---|--|--|--|--|---|-------------------|
| 902.923 |  |  | 2 |  |  |  |  | 1 | 251 x 85 x 100 mm |
|---------|--|--|---|--|--|--|--|---|-------------------|

|         |  |  |   |  |  |  |  |   |                   |
|---------|--|--|---|--|--|--|--|---|-------------------|
| 902.924 |  |  | 2 |  |  |  |  | 1 | 251 x 85 x 100 mm |
|---------|--|--|---|--|--|--|--|---|-------------------|

|         |  |  |   |  |  |  |  |   |                   |
|---------|--|--|---|--|--|--|--|---|-------------------|
| 902.925 |  |  | 2 |  |  |  |  | 1 | 294 x 85 x 100 mm |
|---------|--|--|---|--|--|--|--|---|-------------------|

|         |  |  |   |  |  |  |  |   |                   |
|---------|--|--|---|--|--|--|--|---|-------------------|
| 902.432 |  |  | 2 |  |  |  |  | 1 | 239 x 85 x 100 mm |
|---------|--|--|---|--|--|--|--|---|-------------------|

|         |  |  |   |  |  |  |  |  |                   |
|---------|--|--|---|--|--|--|--|--|-------------------|
| 902.920 |  |  | 2 |  |  |  |  |  | 209 x 85 x 100 mm |
|---------|--|--|---|--|--|--|--|--|-------------------|

|         |  |  |   |  |  |  |  |  |                   |
|---------|--|--|---|--|--|--|--|--|-------------------|
| 902.921 |  |  | 2 |  |  |  |  |  | 209 x 85 x 100 mm |
|---------|--|--|---|--|--|--|--|--|-------------------|

|         |  |  |   |  |  |  |  |  |                   |
|---------|--|--|---|--|--|--|--|--|-------------------|
| 902.922 |  |  | 2 |  |  |  |  |  | 251 x 85 x 100 mm |
|---------|--|--|---|--|--|--|--|--|-------------------|

|          |  |  |   |  |  |  |  |  |                   |
|----------|--|--|---|--|--|--|--|--|-------------------|
| 902.5711 |  |  | 1 |  |  |  |  |  | 155 x 85 x 100 mm |
|----------|--|--|---|--|--|--|--|--|-------------------|

|         |  |  |  |         |  |  |  |   |                   |
|---------|--|--|--|---------|--|--|--|---|-------------------|
| 902.409 |  |  |  | 3 (T13) |  |  |  | 2 | 282 x 85 x 100 mm |
|---------|--|--|--|---------|--|--|--|---|-------------------|

|         |  |  |  |         |  |  |  |   |                   |
|---------|--|--|--|---------|--|--|--|---|-------------------|
| 902.408 |  |  |  | 3 (T13) |  |  |  | 1 | 239 x 85 x 100 mm |
|---------|--|--|--|---------|--|--|--|---|-------------------|

|         |  |  |  |         |  |  |  |   |                   |
|---------|--|--|--|---------|--|--|--|---|-------------------|
| 902.430 |  |  |  | 2 (T13) |  |  |  | 2 | 282 x 85 x 100 mm |
|---------|--|--|--|---------|--|--|--|---|-------------------|



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

| #  |   |   |   |         |  |     |         |   |                   |
|--|---|---|---|---------|--|-----|---------|---|-------------------|
| 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   |



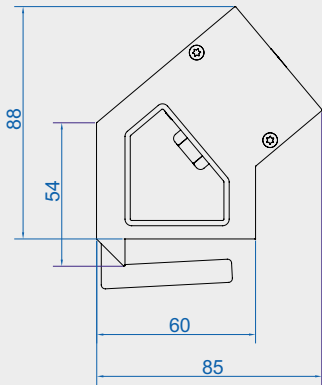
902.987



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 |



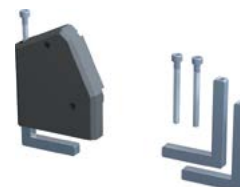
918.106



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




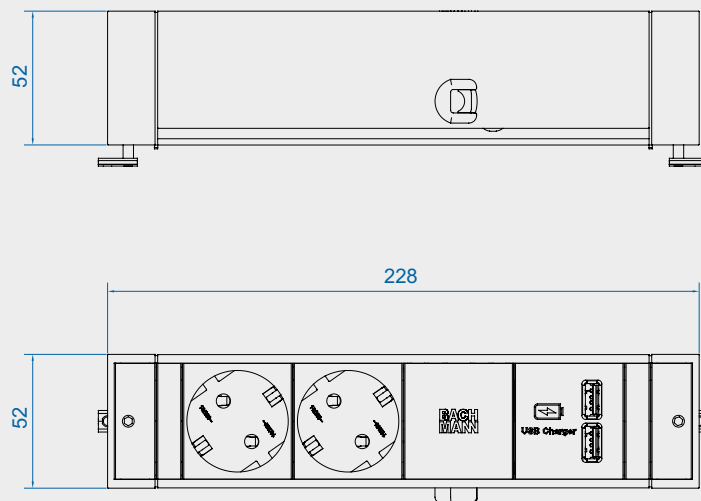
941.102



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

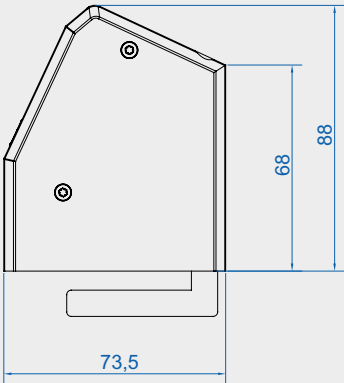


339.1004

CONNECTION PANELS



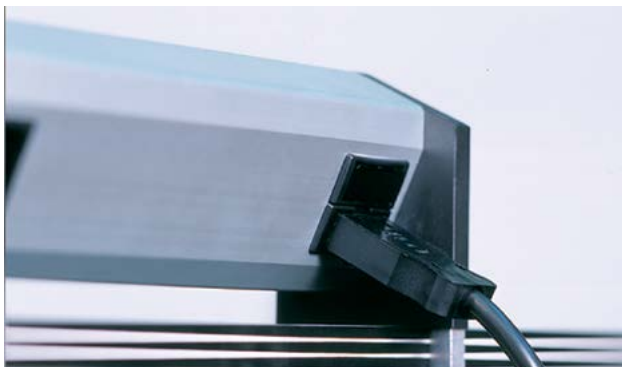
**Individual configuration**  
to your specifications.



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

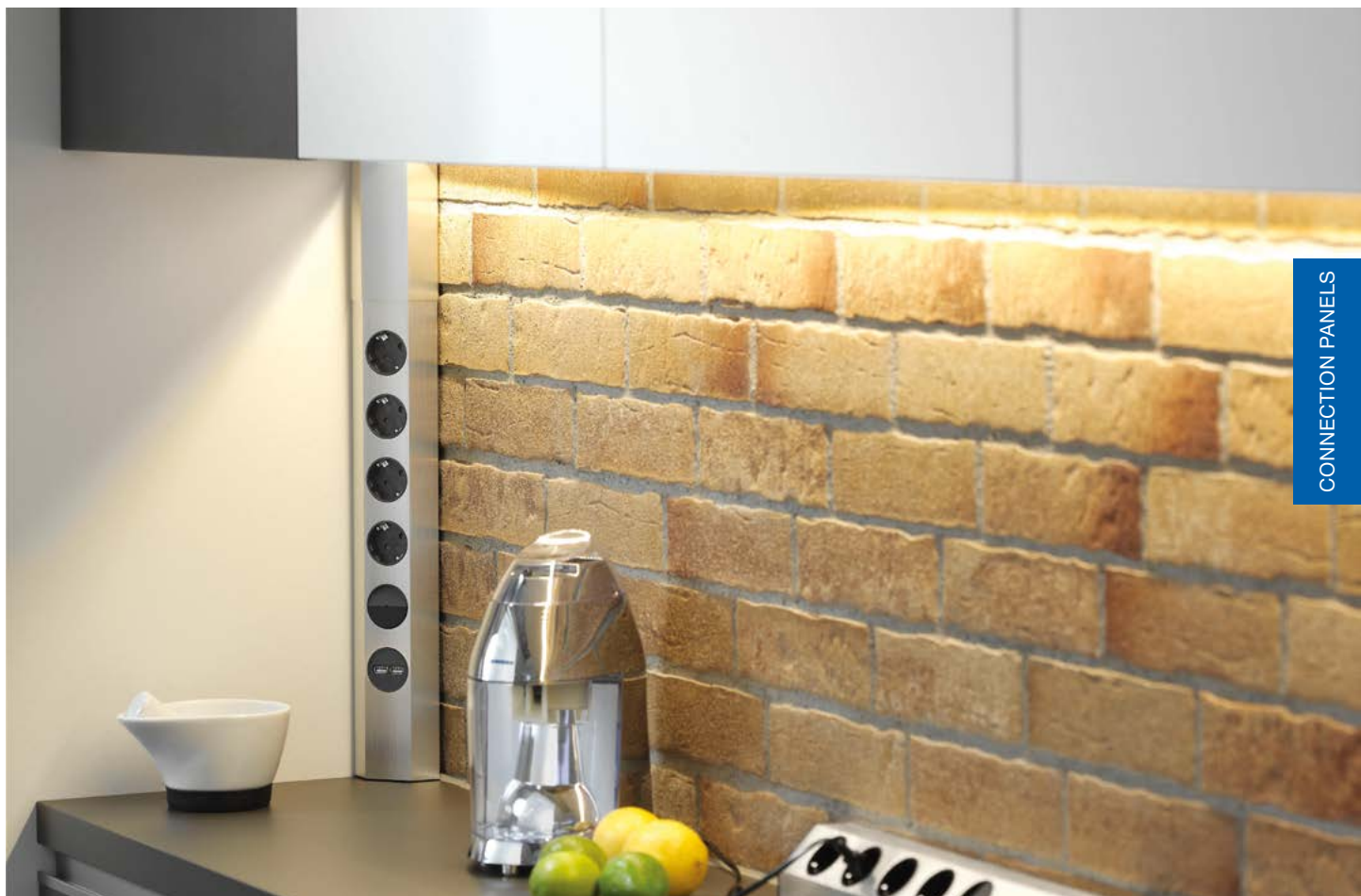


930.120



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**



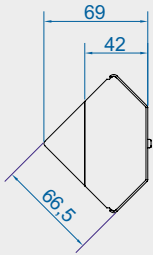
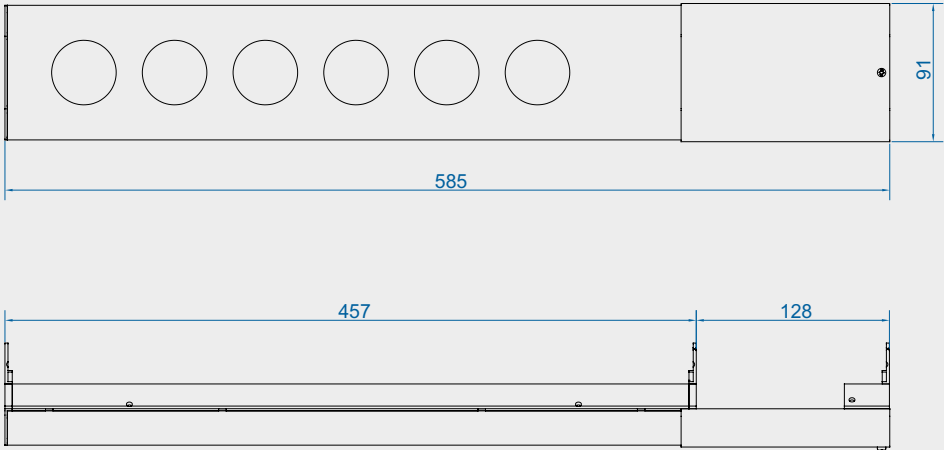
CASIA power strip

• 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

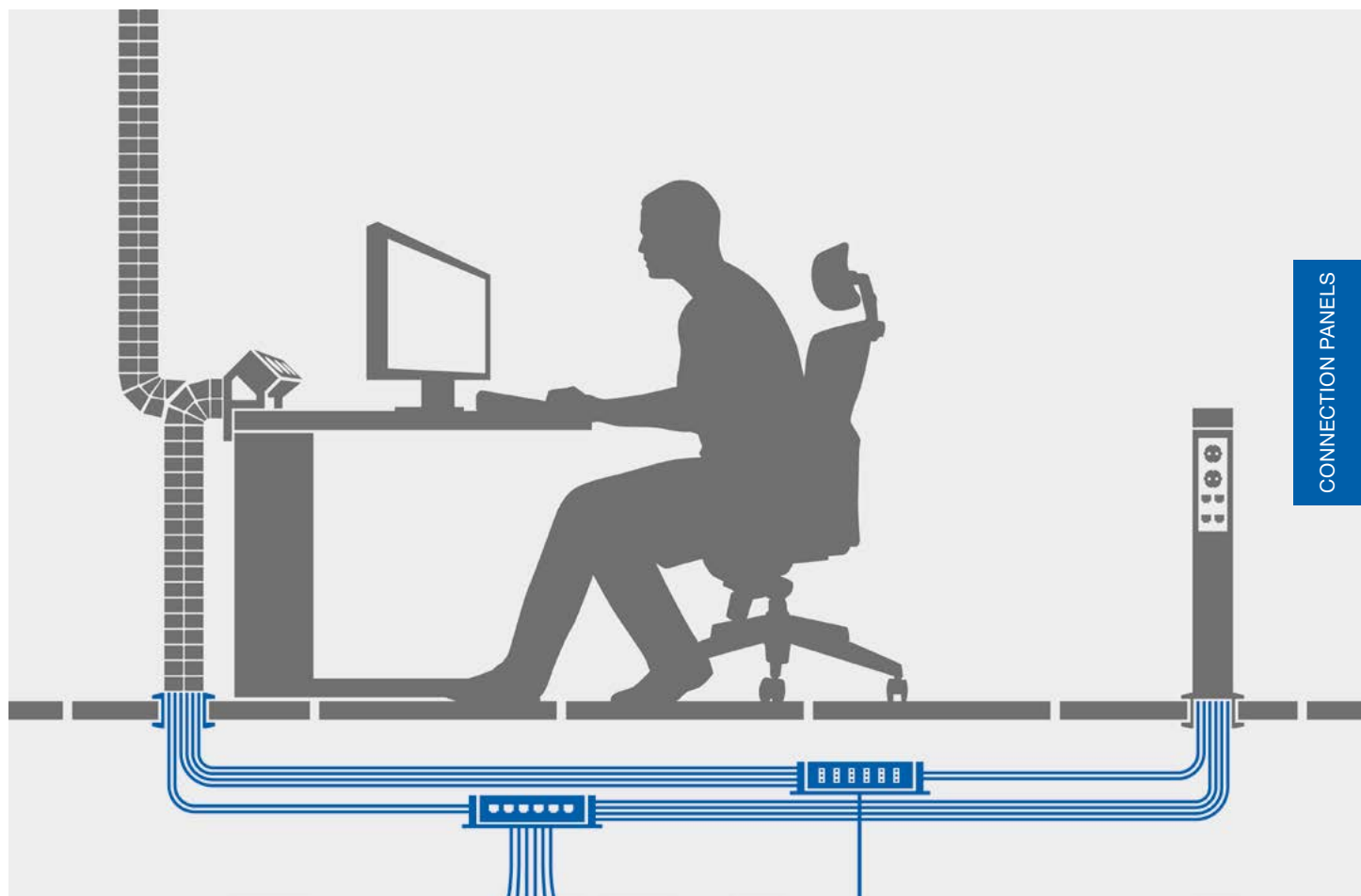
- Material: Profile: Aluminium | Socket: Plastic
- Tabletop thickness: 10 - 40 mm

| #       |   |   |   |         |   |     |         |   |                   |
|---------|---|---|---|---------|---|-----|---------|---|-------------------|
| 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 |



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.

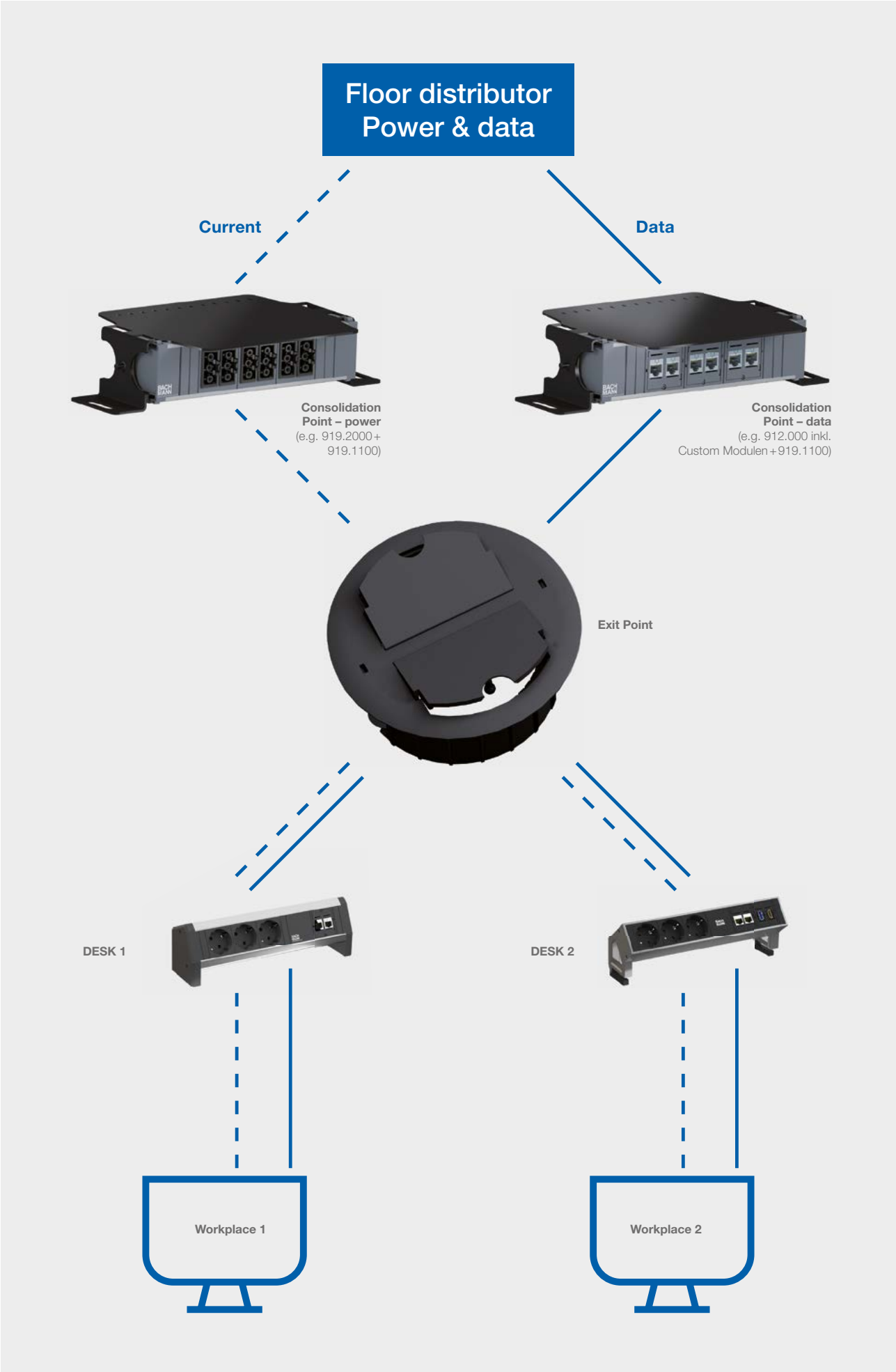
Thanks to the "open-office cabling", CP and MUTO (multi-user terminal outlet) concepts, the network installation is flexible, future-proof and also cost-optimised.

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) |

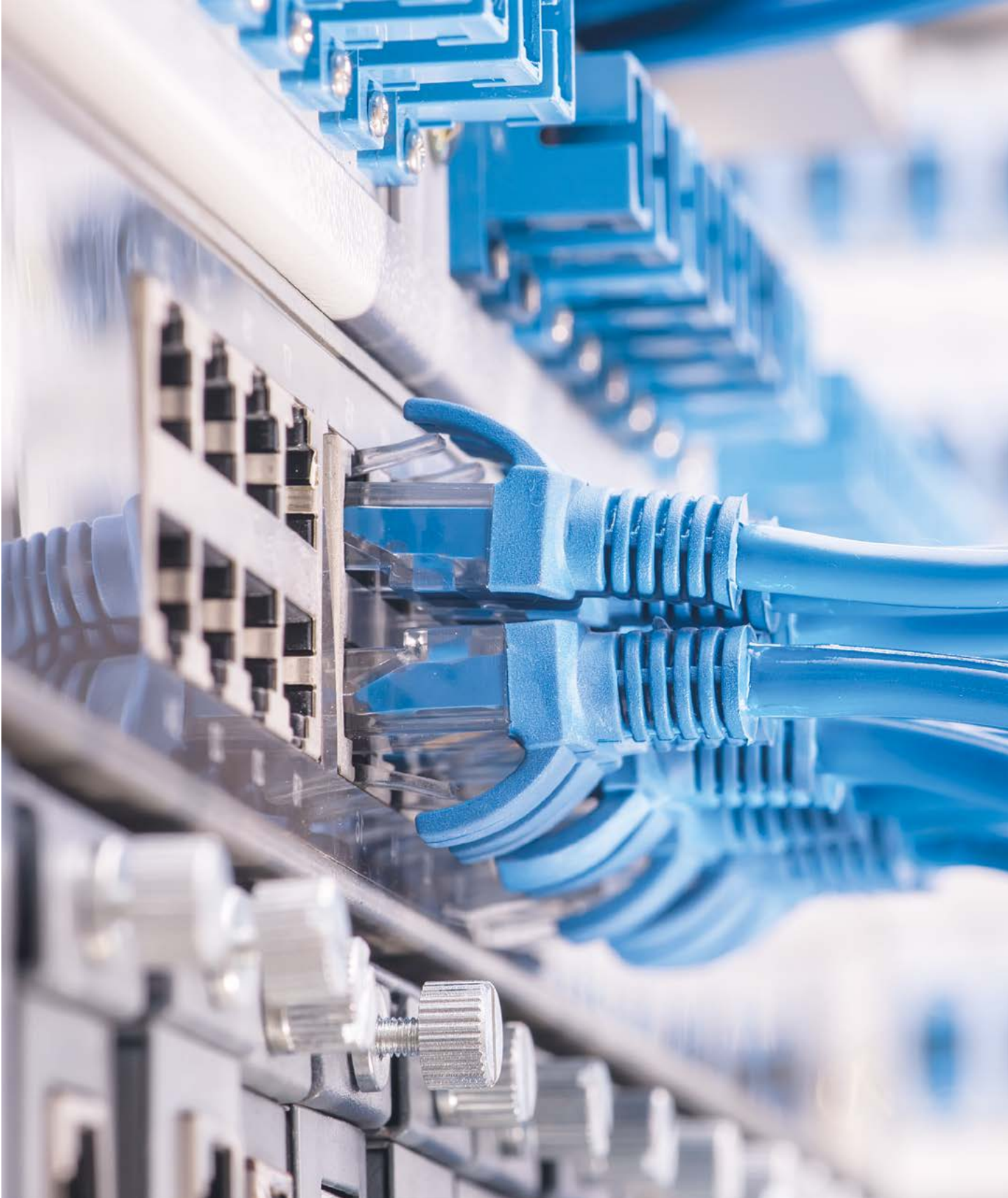


919.1000





# Network and media technology





## **Custom Modules**

---

|   |     |
|---|-----|
| Custom Modules – individual solutions       | 178 |
| Keystones                                   | 181 |
| Keystone mount                              | 183 |
| Audio/image transmission                    | 187 |
| Data transmission                           | 190 |
| Power transmission                          | 190 |
| Buttons/switches                            | 191 |
| Cable glands                                | 192 |
| Installation options – switch manufacturers | 195 |
| Accessories                                 | 199 |

## **Active media-technology components**

---

|                 |     |
|-----------------|-----|
| Rextron HDBaseT | 200 |
|-----------------|-----|

## **Data cables**

---

|             |     |
|-------------|-----|
| Patch cable | 202 |
| USB cable   | 202 |

## **Audio/video cables**

---

|                   |     |
|-------------------|-----|
| HDMI cable        | 204 |
| DisplayPort cable | 204 |
| DVI-I cable       | 204 |

## **Audio/video cables**

---

|             |     |
|-------------|-----|
| VGA cable   | 205 |
| 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**

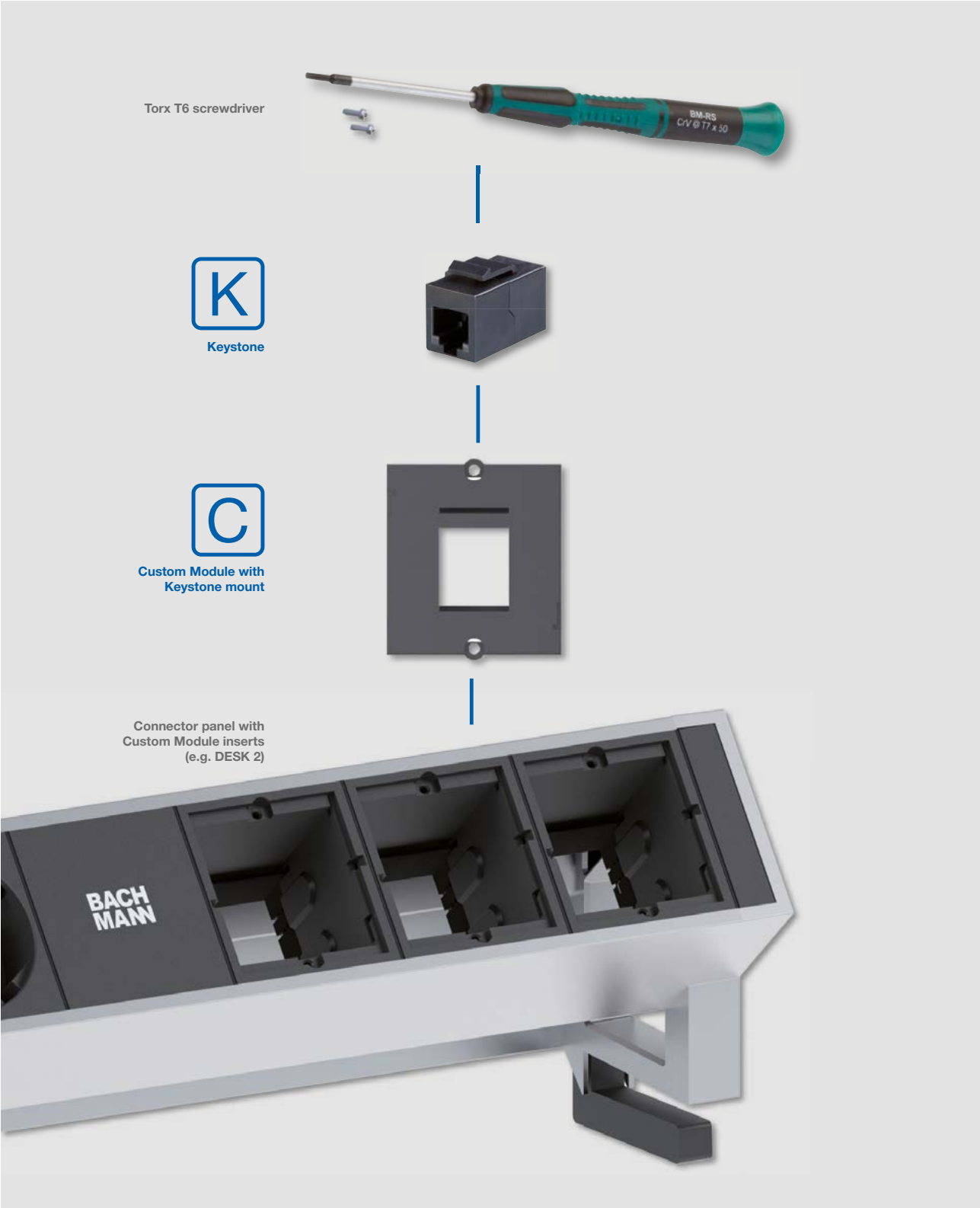
## Variant 1: Custom Module fully equipped



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.

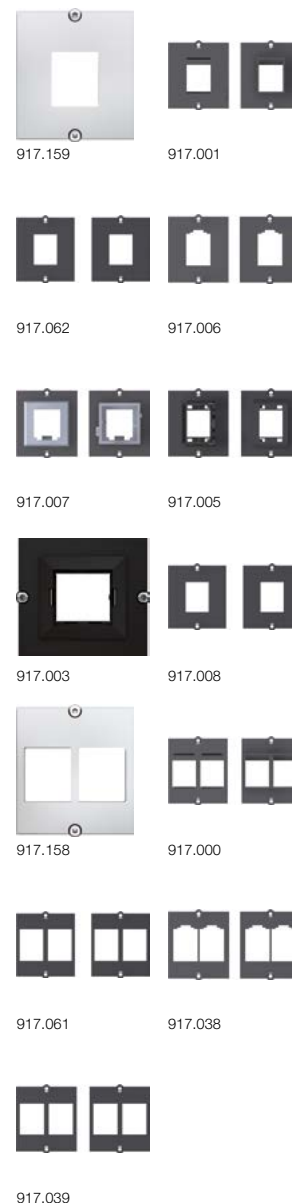


**PLEASE NOTE** Only Keystones / Custom Modules with an even flush can be used in combination with PIX / KAPSA / DUE with a lid and POWER FRAME COVER! For compatibility, see 193 onwards.

# 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 | <br>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 | <br>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 | <br>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 | <br>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 | <br>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 | <br>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 | <br>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<br>(#926.XXX) | KAPSA with lid<br>(#927.XXX) | POWER<br>FRAME<br>COVER<br>(#915.XXX) | DUE with lid<br>(#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<br>(#926.XXX) | KAPSA with lid<br>(#927.XXX) | POWER FRAME COVER<br>(#915.XXX) | DUE with lid<br>(#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.

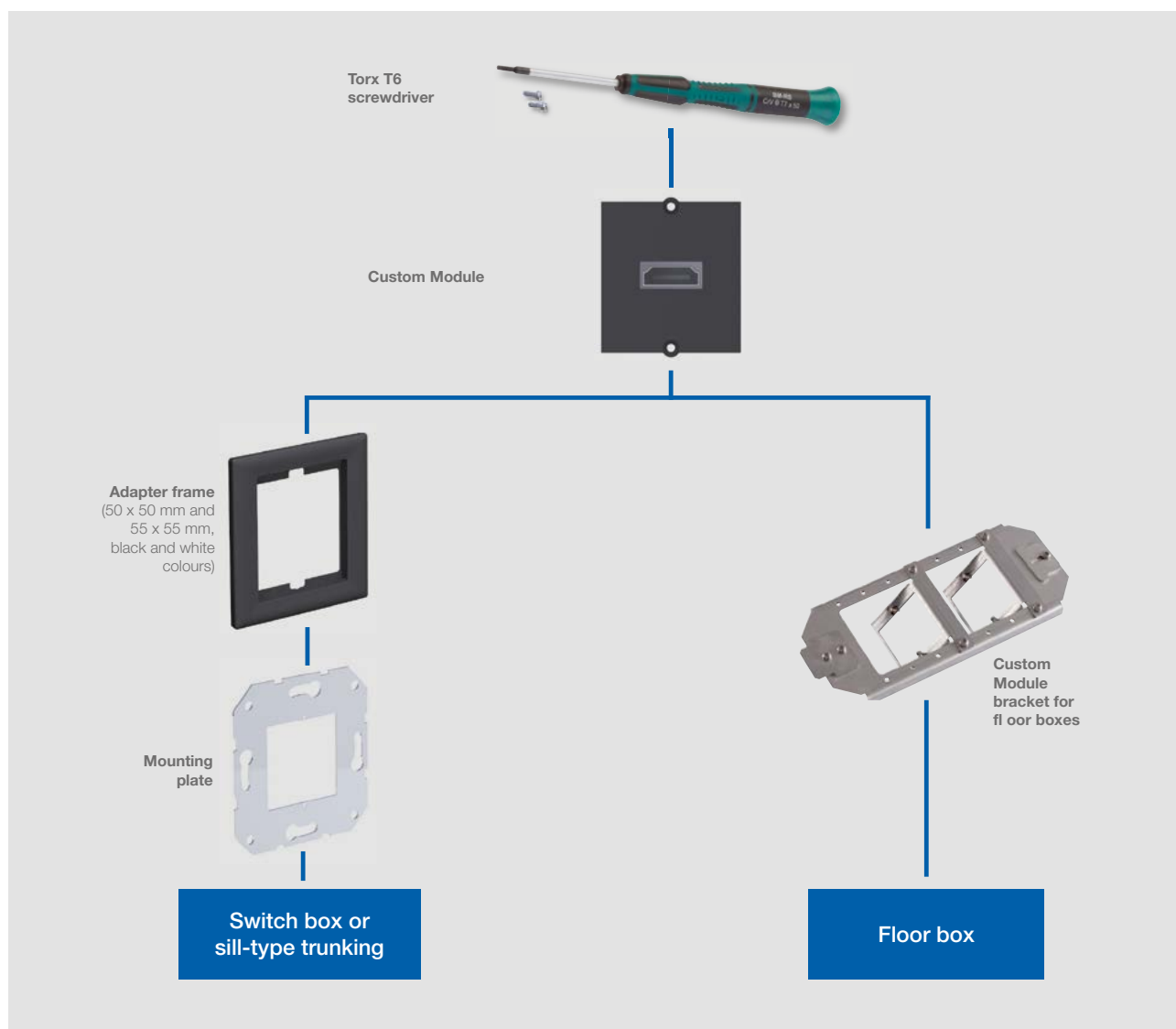
# Installation options – switch manufacturers

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<br>Adapter frame**<br>Colour black | BACHMANN<br>Adapter frame**<br>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<br>1746/10-777 1746/10-783                       |
| solo®                            | 917.065                                     | 917.168                                     | 1746/10-82 1746/10-84 1746/10-85 1746/10-86<br>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<br>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<br>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<br>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<br>Adapter frame**<br>Colour black | BACHMANN<br>Adapter frame**<br>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<br>5TG1706-1 5TG1746-1 |
| DELTA profile             | 917.066                                     | 917.169                                     | 5TG1893 5TG1885 5TG1762 5TG1835<br>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

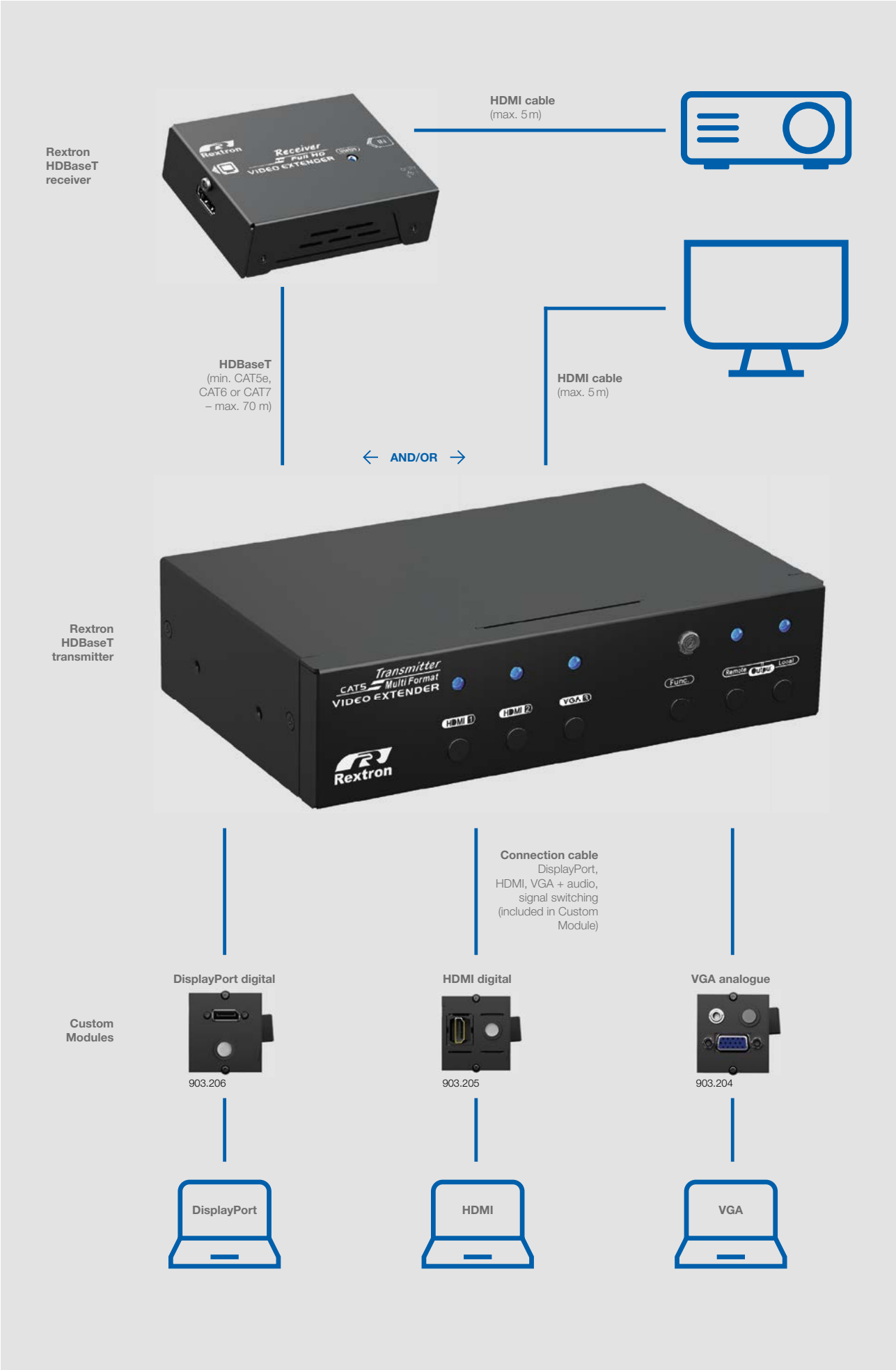
| #       |  |
|---------|--|
| 903.203 | Mounting bracket for Rextron HDBaseT transmitter   2 units |



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

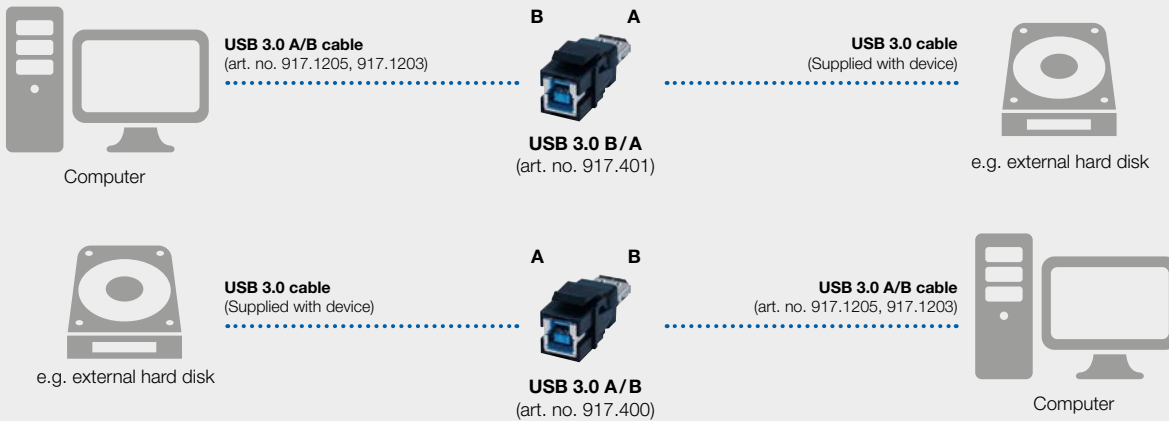
| #   |                                      |
|---|--------------------------------------|
|   | <div> <div></div> <div></div> </div> |
| <b>USB 3.1 connection cable</b>   End 1: USB Type C plug   End 2: USB Type C plug |                                      |
| 918.190   | 0.5 m   Black   Plug, black          |



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   |



# 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   |



# 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   |



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**

---

|                              |     |
|------------------------------|-----|
| Independent Monitor .....    | 208 |
| Application components ..... | 210 |
| Configuration options .....  | 212 |

## **Independent Workplace**

---

|                              |     |
|------------------------------|-----|
| Independent Workplace .....  | 214 |
| Application components ..... | 215 |
| Configuration options .....  | 217 |



# 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<br>701.0011 | Digital Signage Bundle<br>701.0013 | Meeting Bundle<br>701.0015 | Furniture Bundle<br>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



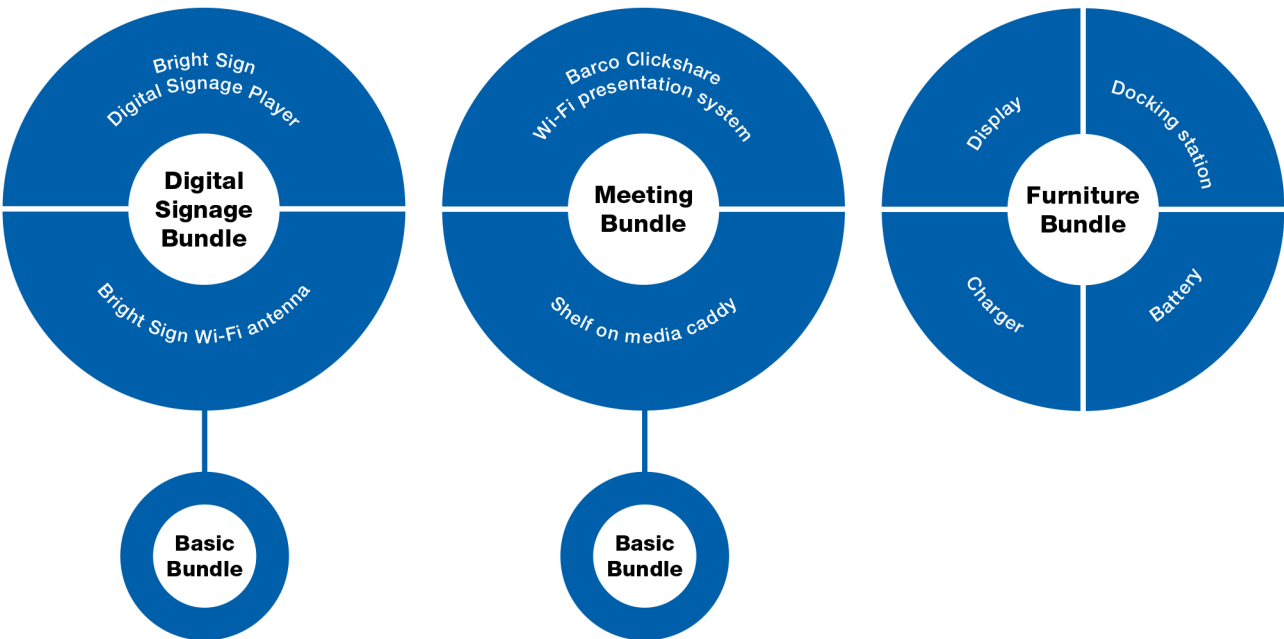
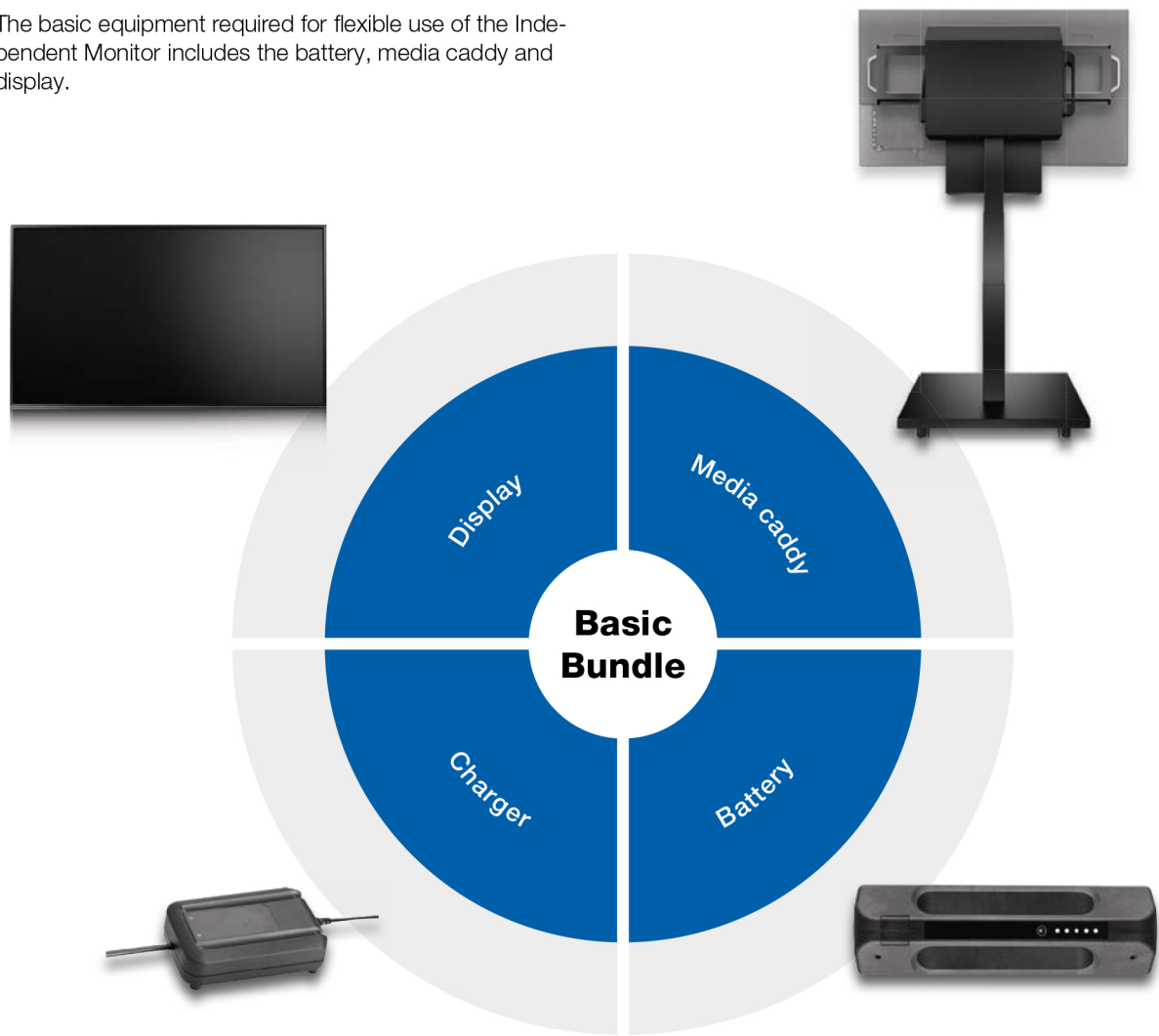
**Barco Clickshare**  
903.700



**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<br>Touch Down<br>Bundle<br>701.1000 | Independent Workplace<br>Single Display<br>Bundle<br>701.1001 | Independent Workplace<br>Dual Display<br>Bundle<br>701.1002 | Independent Workplace<br>Ladestation<br>Bundle<br>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 |
| .....           |     |



# 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.

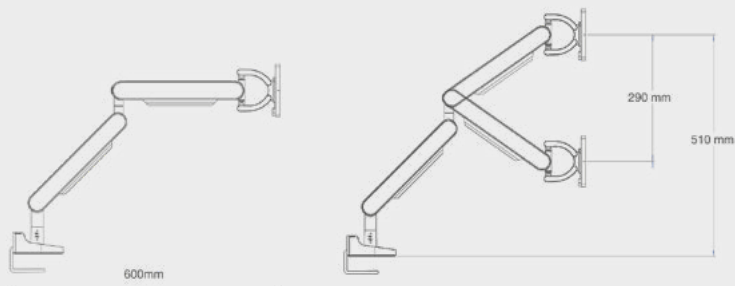
## BENEFITS

- **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**

---

|  |     |
|--|-----|
| Stick lamps/handheld lamps .....                 | 226 |
| Professional work lamps .....                    | 227 |
| Professional tripod with<br>screw mounting ..... | 228 |

## **Stationary**


---

|                             |     |
|-----------------------------|-----|
| LED Spotlights .....        | 229 |
| Illumination material ..... | 230 |
| Accessories .....           | 231 |

# 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

| # |  |
|---|--|
|---|--|

**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

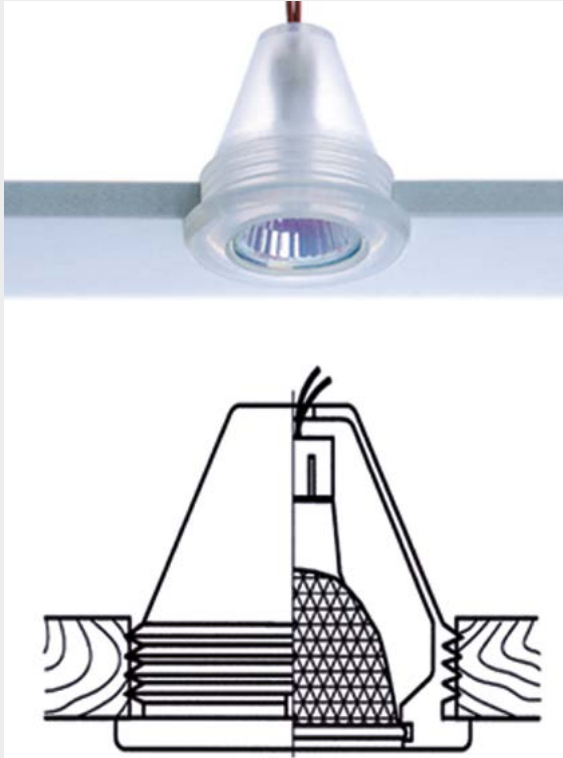
**Silicone recessed spotlight housing, MAXI series 1000 GU10**

- 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:

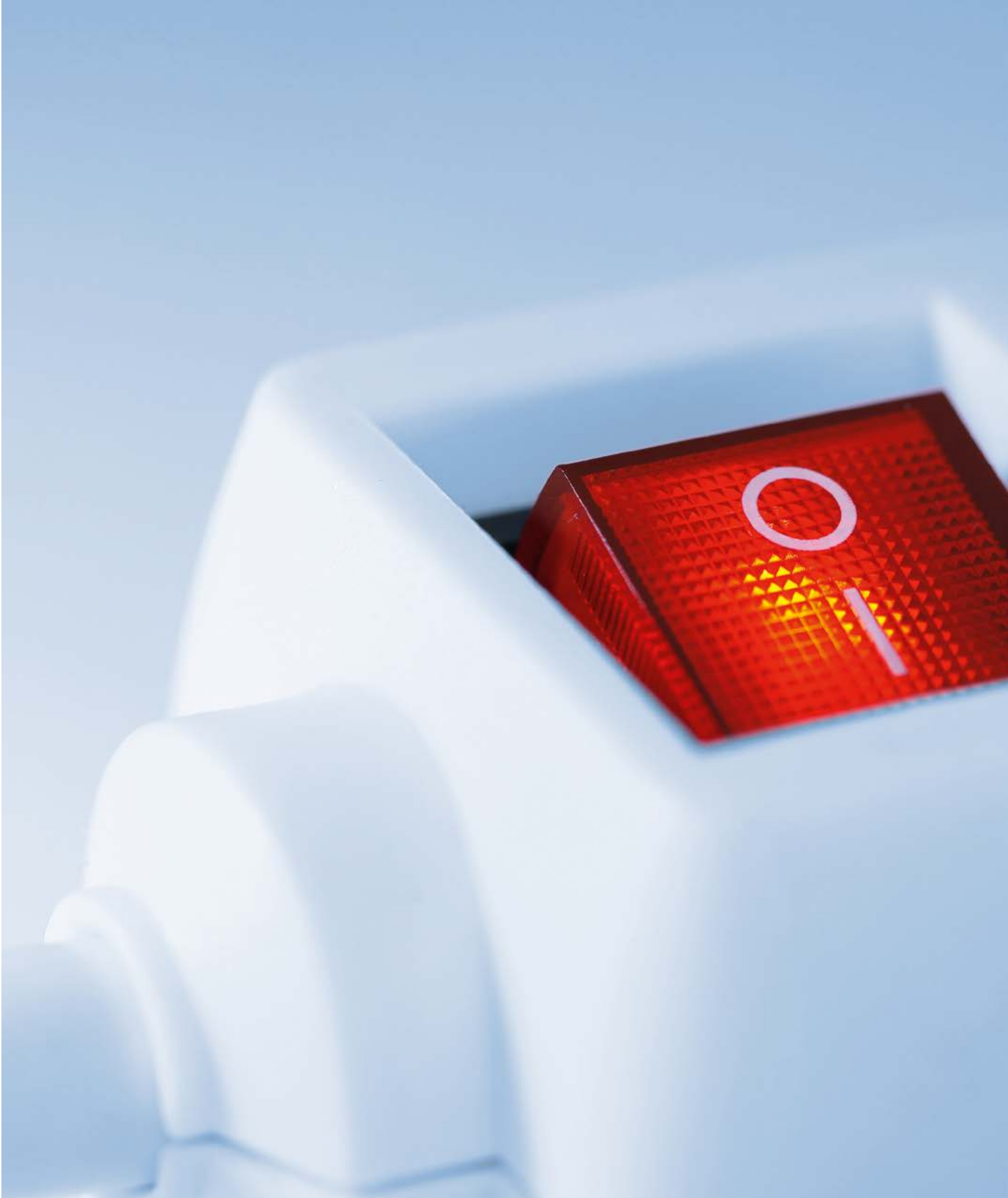
- Totally rust-free
- Resistant to UV, ozone and ageing
- Heat and cold resistant
- Excellent resistance to weather and maritime environments
- Quick and easy to assemble and dismantle
- No fitting of individual components
- Light bulbs changed without tools
- No troublesome metal rings
- Can also be 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**

---

|                  |     |
|------------------|-----|
| Dimmers          | 238 |
| Switches/buttons | 241 |
| Child safety     | 250 |
| Special products | 251 |



# 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

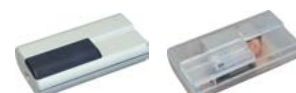
- 250 V~ | 20–500 W
- For low-voltage halogen bulbs with conventional transformers, high-voltage halogen bulbs and light bulbs
- For hand and foot operation

| #       |  |
|---------|---|
| 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 |
|---------|--|



924.058



924.059

**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 |



924.060



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

| #  |   |
|--|---|
|  |  |
| On/Off switch, 2-pole   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

| #   |   |
|---|---|
|   |  |
| On/Off switch, 2-pole   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

| #   |   |
|---|---|
|   |  |
| On/Off switch, 2-pole   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

| #  |   |
|--|---|
|  |  |
| Changeover switch, 1-pole   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)

|  |     |
|--|-----|
| 19" PDU Basic 1U IEC 60320 versions (C13, C19) | 254 |
| 19" PDU Basic 1U country-specific versions     | 256 |
| 19" PDU Basic >1U                              | 259 |
| PDU Basic 1U IEC 60320 versions (C13, C19)     | 261 |
| PDU Basic 1U – country-specific versions       | 263 |
| Inline PDU Basic 1U                            | 265 |
| BlueNet – Smart Solutions                      | 268 |
| BN0500   | 278 |
| BN2000   | 280 |
| BN3000   | 282 |
| BN3500   | 285 |
| BN7000   | 287 |
| BN7500   | 289 |
| BN3000 Inline                                  | 291 |
| Accessories                                    | 293 |



# 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-<br>nection<br>termi-<br>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-<br>nection<br>termi-<br>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



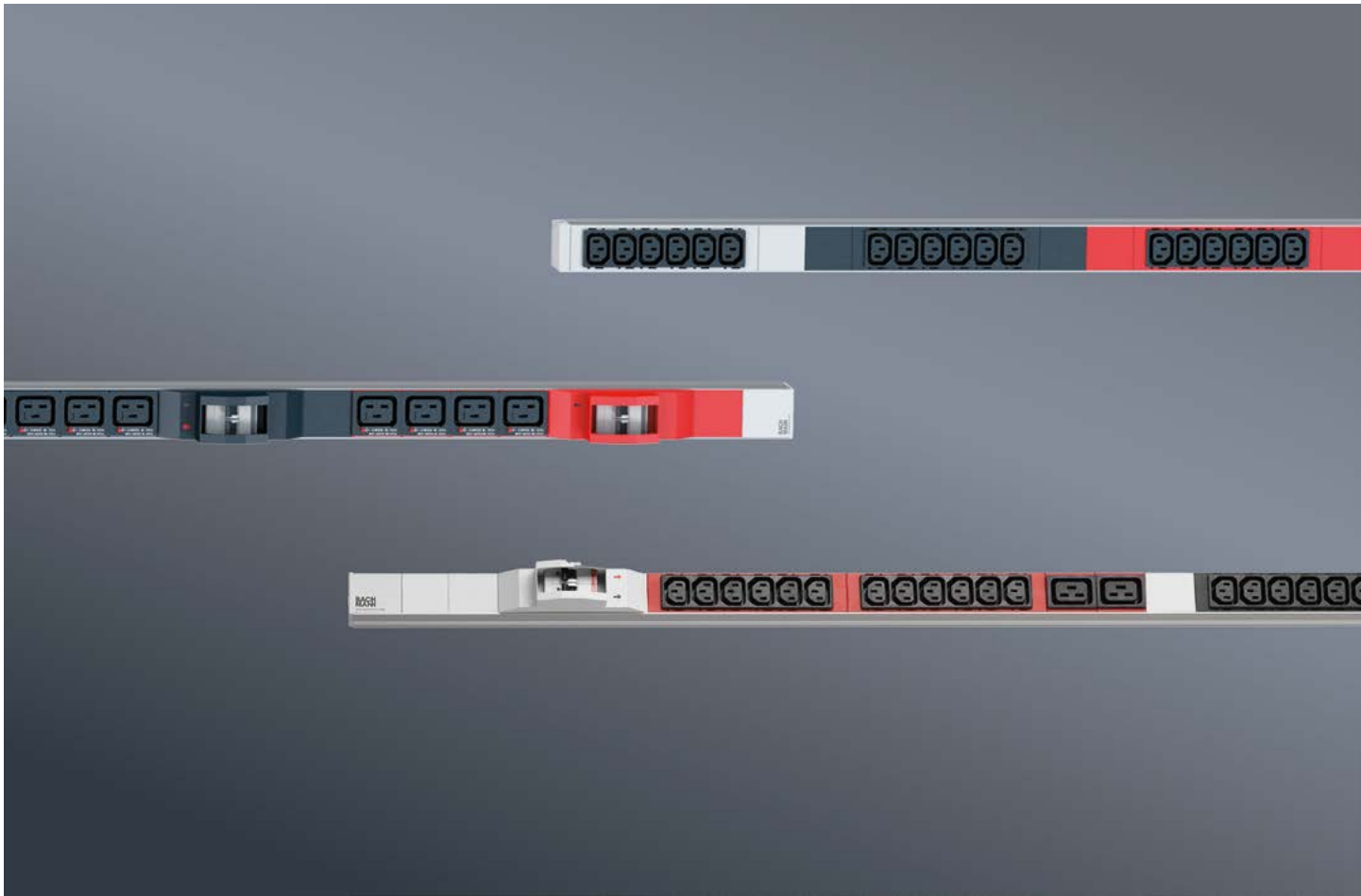
333.601



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<br>2,50 mm <sup>2</sup> |  | 1075 x 44 x 47 mm |
|-----------|----|---|----|---|---|---------|---|------|-----|----|------------------------------------|--|-------------------|

**16 A / 400 V**

|            |    |   |    |   |   |         |  |      |     |    |  |  |                   |
|------------|----|---|----|---|---|---------|--|------|-----|----|--|--|-------------------|
| 800.0105   | 18 |   | 18 | 3 | 3 | CEE 16A |  | Grey | 400 | 16 | H05VV-F 5G<br>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<br>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<br>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<br>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<br>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<br>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<br>4,00 mm <sup>2</sup> | 2 x<br>C16A | 778 x 44 x 47 mm  |
| 800.2336 | 24 | 4 | 28 | 1 | 3 | CEE 32A |  | Grey | 230 | 32 | H05VV-F 3G<br>4,00 mm <sup>2</sup> | 2 x<br>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<br>4,00 mm <sup>2</sup> | 6 x<br>C16A | 1586 x 44 x 47 mm |
| 800.0101* |    | 6  | 6  | 3 | 3 | CEE 32A |  | Grey | 400 | 32 | H05VV-F 5G<br>4,00 mm <sup>2</sup> | 6 x<br>C16A | 820 x 44 x 47 mm  |
| 800.0100* |    | 12 | 12 | 3 | 3 | CEE 32A |  | Grey | 400 | 32 | H05VV-F 5G<br>4,00 mm <sup>2</sup> | 6 x<br>C16A | 1075 x 44 x 47 mm |
| 800.2338  | 24 | 6  | 30 | 3 | 3 | CEE 32A |  | Grey | 400 | 32 | H05VV-F 5G<br>4,00 mm <sup>2</sup> | 6 x<br>C16A | 1586 x 44 x 47 mm |

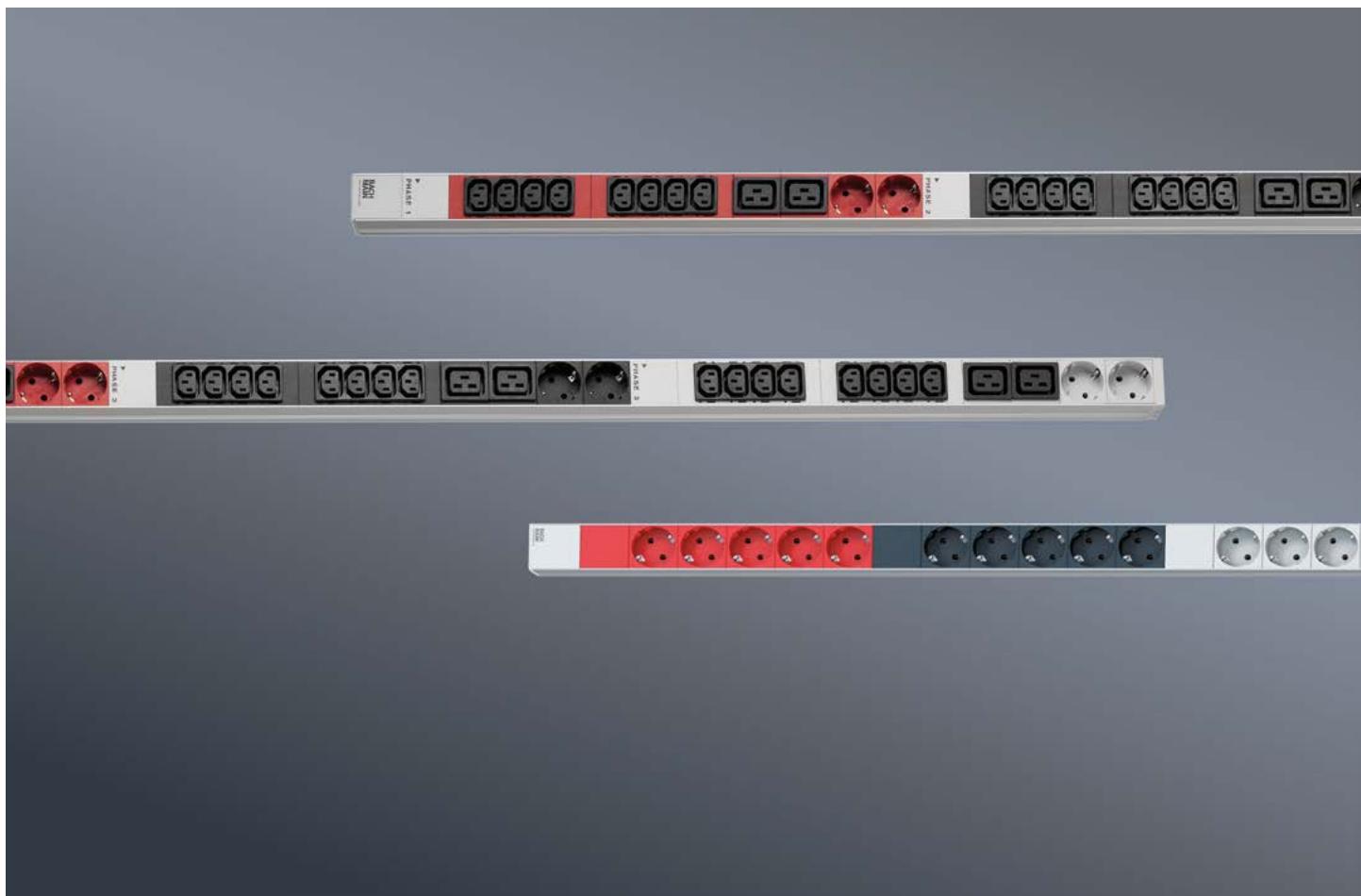
\* C19 with IEC lock / \*\* WEF = Wire end ferrules



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 |  |
|---|---|-----|-----|------------------|----------|--------------|------|-------------------|-----------------------|------------|---------------------------|---|
|---|---|-----|-----|------------------|----------|--------------|------|-------------------|-----------------------|------------|---------------------------|---|

**16 A / 230 V**

|          |    |  |  |    |   |   |         |     |    |                                 |  |                  |
|----------|----|--|--|----|---|---|---------|-----|----|---------------------------------|--|------------------|
| 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 |

**16 A / 230 V / With surge protection**

|          |    |  |  |    |   |   |         |     |    |                                 |  |                  |
|----------|----|--|--|----|---|---|---------|-----|----|---------------------------------|--|------------------|
| 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 |
|----------|----|--|--|----|---|---|---------|-----|----|---------------------------------|--|------------------|

**16 A / 400 V**

|           |    |    |   |    |   |   |         |     |    |                                     |  |                   |
|-----------|----|----|---|----|---|---|---------|-----|----|-------------------------------------|--|-------------------|
| 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 |

**32 A / 400 V**

|          |   |    |  |    |   |   |         |     |    |                                 |          |                   |
|----------|---|----|--|----|---|---|---------|-----|----|---------------------------------|----------|-------------------|
| 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



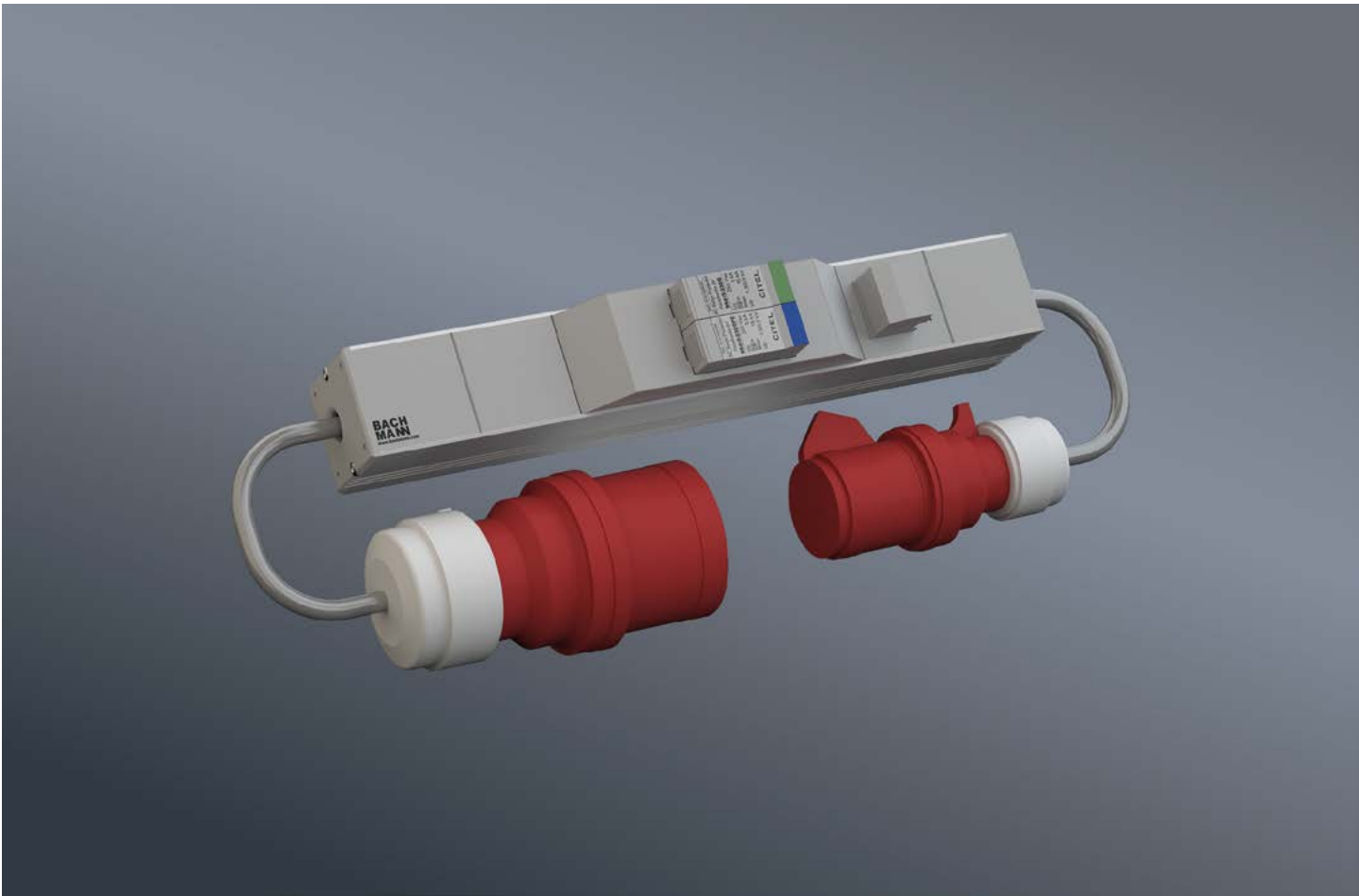
800.2334



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 |  |
|---|----------|-------------------|-----------------------|------------|--|
|---|----------|-------------------|-----------------------|------------|--|



800.2623



800.2546



800.2638

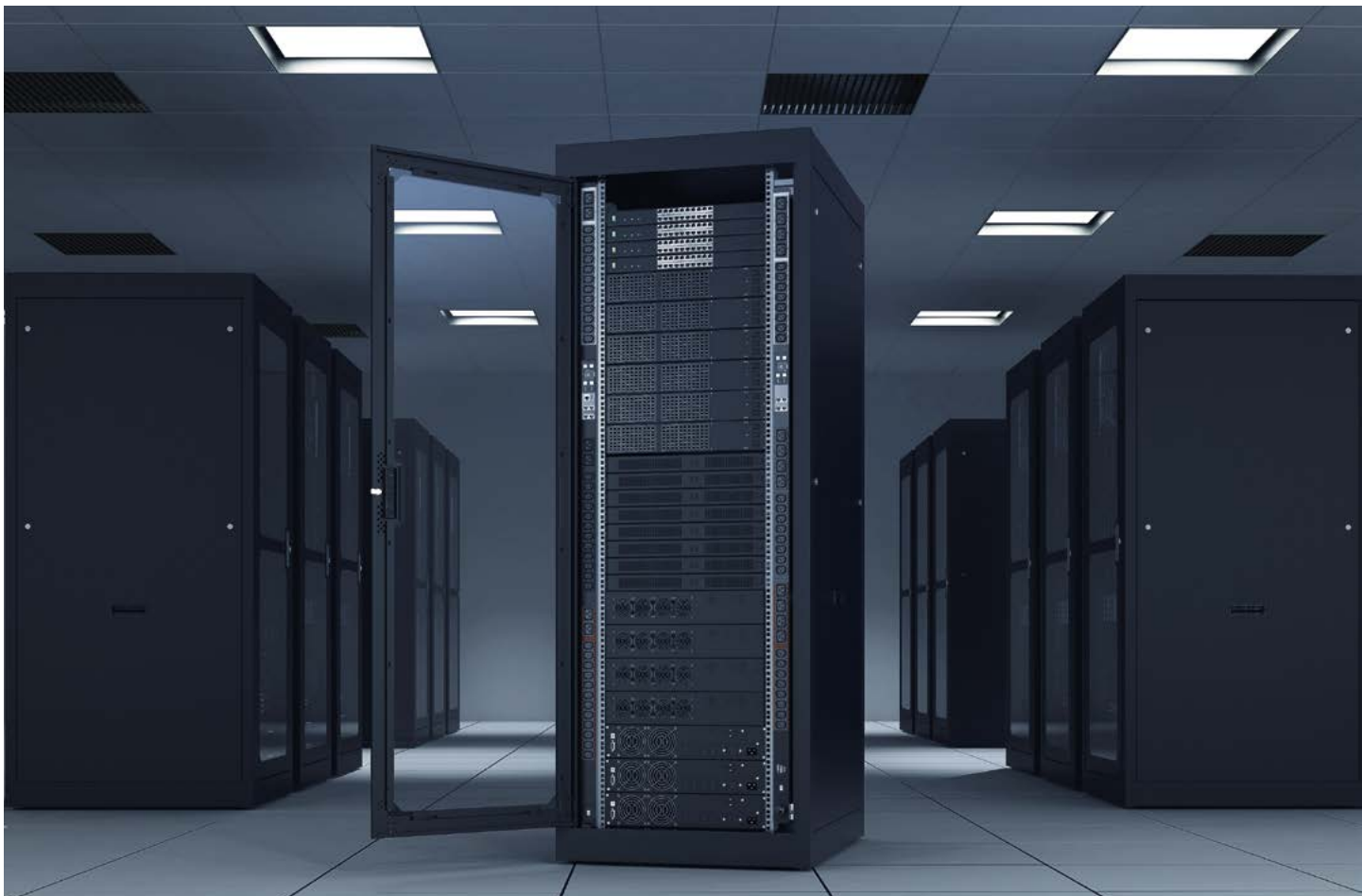
**With replaceable surge protection and fault indicator contact | CITEL SPD Type 3**

|          |   |     |    |                                 |                  |
|----------|---|-----|----|---------------------------------|------------------|
| 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 |

**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 |
| <br>Surge protection       | (•)               | (•)    | (•)    | (•)    | (•)                             | (•)    |
| <br>Measurement per phase | •                 | •      | •      | •      | •                               | •      |
| <br>Ethernet             |                   | •      | •      | •      | •                               | •      |
| <br>Sensors              |                   | •      | •      | •      | •                               | •      |
| <br>Modbus RTU/TCP       |                   |        | •      | •      | •                               | •      |
| <br>Type B RCM           |                   |        | (•)    | (•)    | (•)                             | (•)    |
| <br>Switching            |                   |        |        |        | •                               | •      |
| <br>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

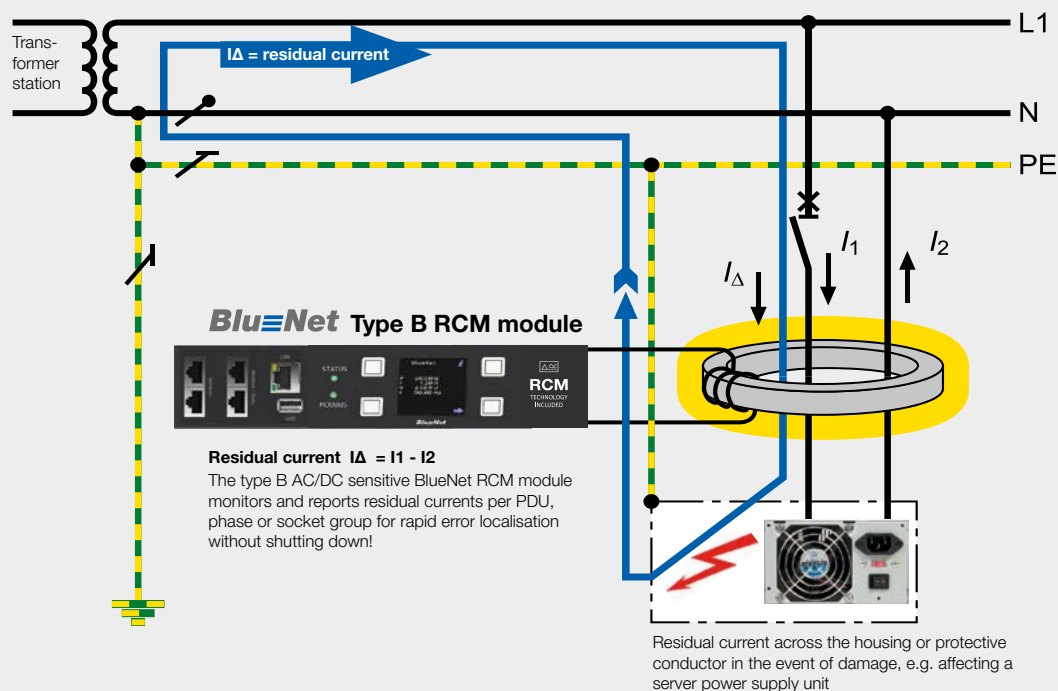
Permanent monitoring is absolutely essential in modern information technology. Continuous monitoring equipment reduces the work involved in statutory retests. In accordance with accident prevention regulations (DGUV, rule 3), the system's testing dates can be adapted to suit actual circumstances and optimise costs using permanent RCM.

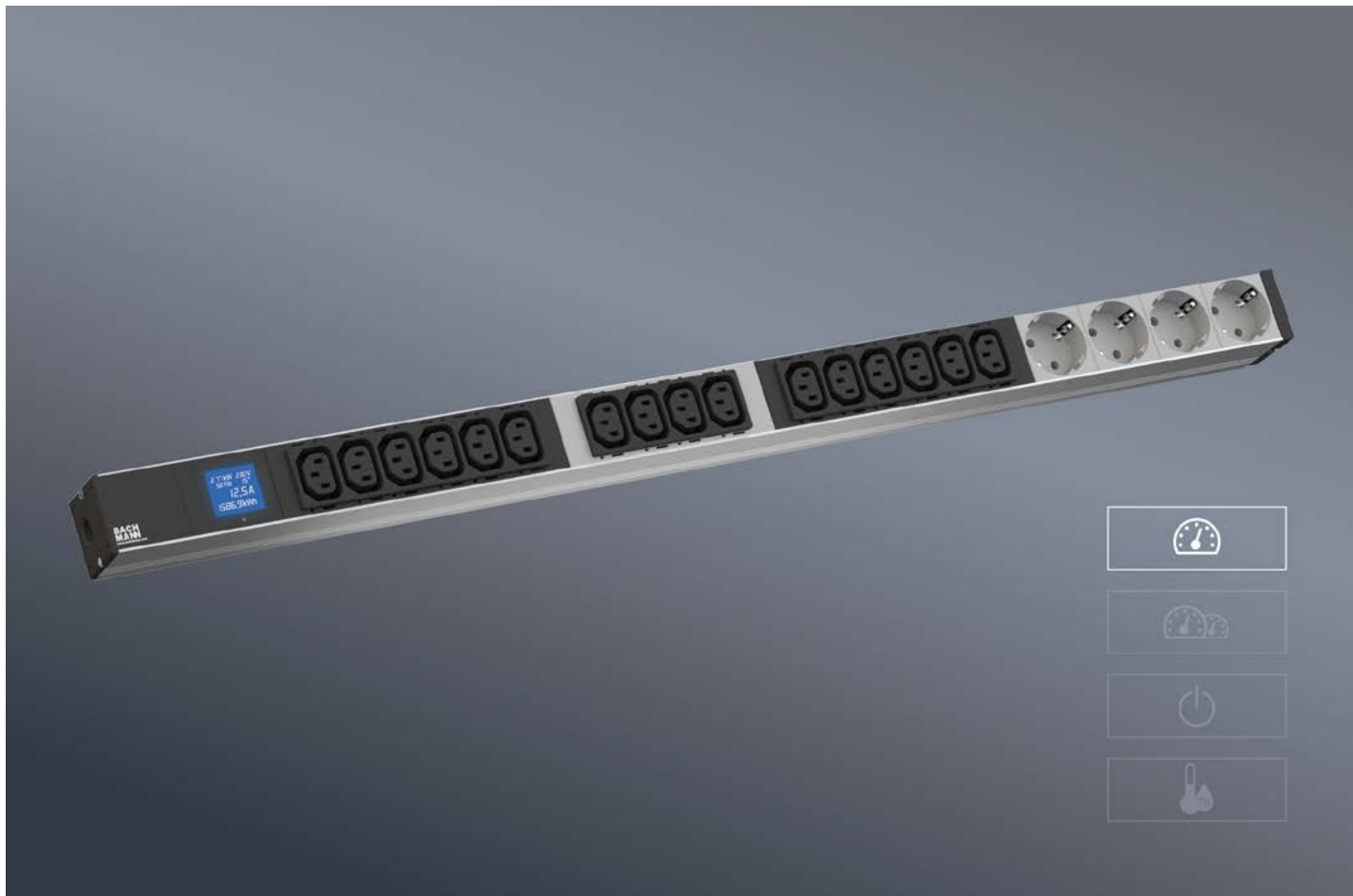
The Residual Current Monitoring (RCM) is able to record residual currents of 1 mA and higher. Residual current activation values can be set in the BlueNet software. The BlueNet software

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 |  |
|---|---|---|---|---|-----|-----|------------------|------|------------------------|--------------|------------|---|
|---|---|---|---|---|-----|-----|------------------|------|------------------------|--------------|------------|---|



**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 |
|----------|--|---|--|--|--|--|---|----|--|---|---------------------------------|------------------|

**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 |  |
|---|--|-----|-----|------------------|------|--------------|------------|---------------------------|--|
|---|--|-----|-----|------------------|------|--------------|------------|---------------------------|--|

**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 |  |
|---|---|-----|-----|------------------|----------|--------------|------------|------|---------------------------|---|
|---|---|-----|-----|------------------|----------|--------------|------------|------|---------------------------|---|

**16 A / 230 V**

|           |   |    |   |    |   |   |                                    |            |  |                   |
|-----------|---|----|---|----|---|---|------------------------------------|------------|--|-------------------|
| 329.3009  | 6 |    |   | 6  | 1 | 2 | H05VV-F 3G<br>1,50 mm <sup>2</sup> | CEE<br>7/7 |  | 440 x 44 x 47 mm  |
| 329.3010  |   | 8  |   | 8  | 1 | 2 | H05VV-F 3G<br>1,50 mm <sup>2</sup> | CEE<br>7/7 |  | 440 x 44 x 47 mm  |
| 329.3057* |   | 24 | 3 | 27 | 1 | 3 | H05VV-F 3G<br>2,50 mm <sup>2</sup> | CEE<br>16A |  | 1033 x 44 x 47 mm |

**16 A / 400 V**

|           |  |    |   |    |   |   |                                    |            |  |                   |
|-----------|--|----|---|----|---|---|------------------------------------|------------|--|-------------------|
| 329.3059* |  | 24 | 6 | 30 | 3 | 3 | H05VV-F 5G<br>2,50 mm <sup>2</sup> | CEE<br>16A |  | 1373 x 44 x 47 mm |
|-----------|--|----|---|----|---|---|------------------------------------|------------|--|-------------------|

**32 A / 230 V**

|           |  |    |   |    |   |   |                                    |            |             |                   |
|-----------|--|----|---|----|---|---|------------------------------------|------------|-------------|-------------------|
| 329.3056* |  | 24 | 4 | 28 | 1 | 3 | H05VV-F 3G<br>4,00 mm <sup>2</sup> | CEE<br>32A | 2 x<br>C16A | 1331 x 44 x 47 mm |
|-----------|--|----|---|----|---|---|------------------------------------|------------|-------------|-------------------|

**32 A / 400 V**

|           |  |    |   |    |   |   |                                    |            |             |                   |
|-----------|--|----|---|----|---|---|------------------------------------|------------|-------------|-------------------|
| 329.3058* |  | 24 | 6 | 30 | 3 | 3 | H05VV-F 5G<br>4,00 mm <sup>2</sup> | CEE<br>32A | 6 x<br>C16A | 1883 x 44 x 47 mm |
|-----------|--|----|---|----|---|---|------------------------------------|------------|-------------|-------------------|

\* 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 |  |
|---|---|---------------|-----|-----|------------------|---------------------------|------|--------------|------------|---------------------------|---|
|---|---|---------------|-----|-----|------------------|---------------------------|------|--------------|------------|---------------------------|---|

**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 |
|----------|--|--|----|----|----|---|---------|---|---------------------------------|----------|-------------------|



802.3004



802.3055



802.3012





802.3024




802.3013



802.3025

| #          |  | 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 |  |
|---|---|---------------|-----|-----|------------------|---------------------------|------|--------------|------------|---------------------------|---|
|---|---|---------------|-----|-----|------------------|---------------------------|------|--------------|------------|---------------------------|---|

**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 |
|----------|--|--|----|---|----|--|---------|---|---------------------------------|--|-------------------|

**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 |
|----------|--|--|----|---|----|--|---------|---|---------------------------------|----------|-------------------|



802.3500



802.3501



802.3506

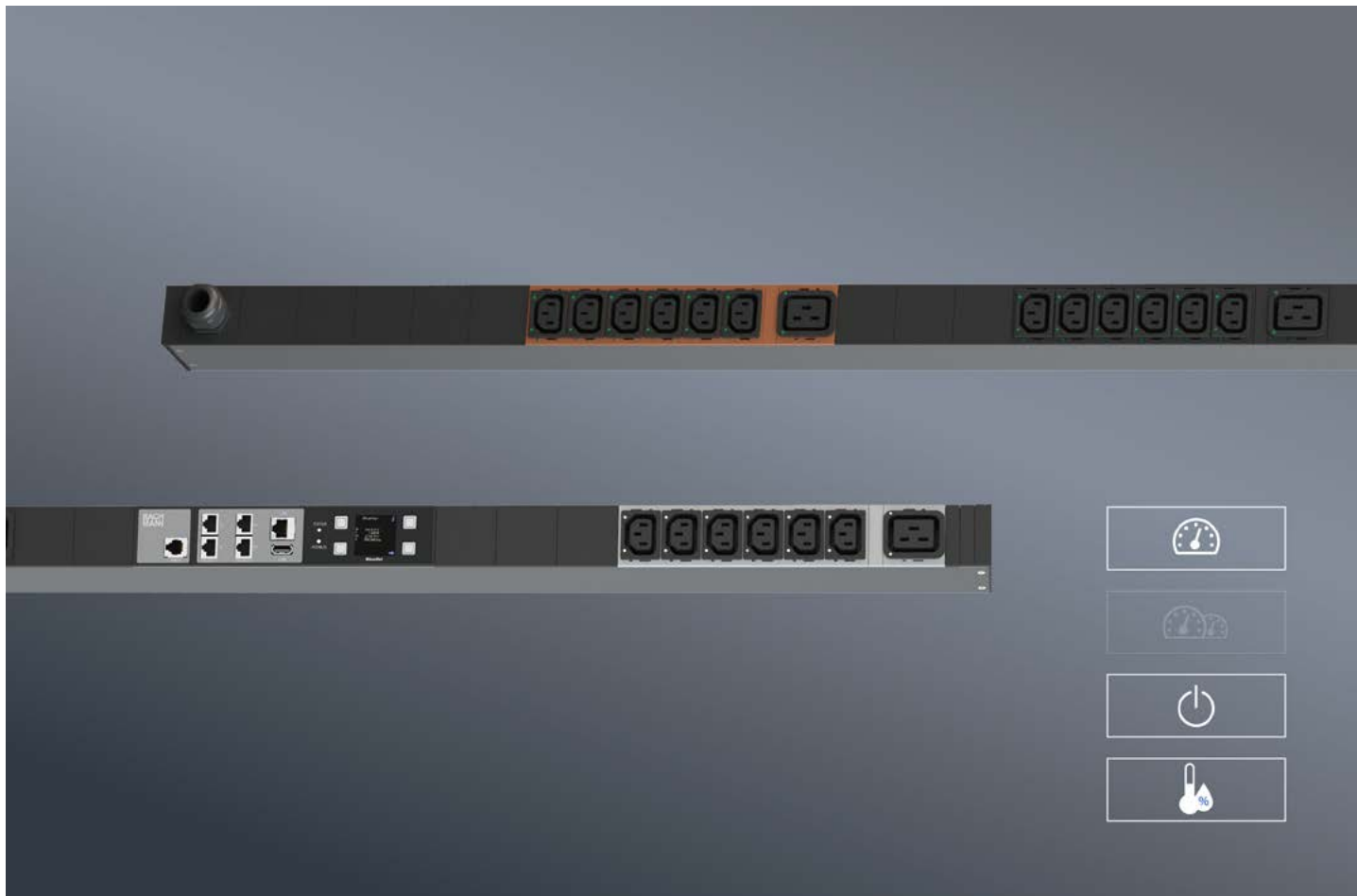


802.3509



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 |  |
|---|---|---------------|-----|-----|------------------|---------------------------|------|--------------|------------|---------------------------|---|
|---|---|---------------|-----|-----|------------------|---------------------------|------|--------------|------------|---------------------------|---|

**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 |
|----------|--|--|----|---|----|--|---------|---|---------------------------------|--|-------------------|

**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 |
|----------|--|--|----|---|----|--|---------|---|---------------------------------|----------|-------------------|



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 |  |
|---|---|---------------|-----|-----|------------------|---------------------------|------|--------------|------------|---------------------------|---|
|---|---|---------------|-----|-----|------------------|---------------------------|------|--------------|------------|---------------------------|---|

**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 |
|----------|--|--|----|---|----|--|---------|---|---------------------------------|--|-------------------|

**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 |
|----------|--|--|----|---|----|--|---------|---|---------------------------------|--|-------------------|

**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 |
|----------|--|--|----|---|----|--|---------|---|---------------------------------|----------|-------------------|

**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 |
|----------|--|--|----|---|----|--|---------|---|---------------------------------|----------|-------------------|



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

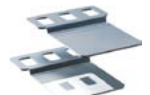
**Mounting brackets for vertical/universal mounting profile variants 1U**

- 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 Ω (interchangeable). They are used chiefly in radio and video systems. The BNC design has, however, also been used for transmitting weak DC and low-frequency AC signals and pulses in laboratory applications because of the shielding of the 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 Ω. 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: RJ126P6C/ RJ458P8C

## 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

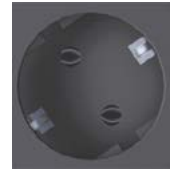
Industry standard for electrical plug connectors. Used in professional public-address and recording studio systems. 3-pole XLR plug connectors are used for analogue microphone and loudspeaker signals and for digital AES/EBU signals. 5-pole connectors are used for DMX digital lighting control data.

# 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°

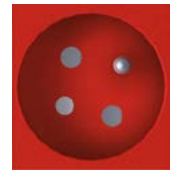
**Module width:** 42,5 mm  
 With shutter



## 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

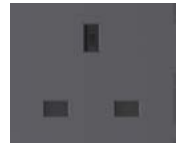
With shutter  
 Orientation 45° = 60 mm module width  
 Orientation 90° = 52.5 mm module width



## 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> |                                 |

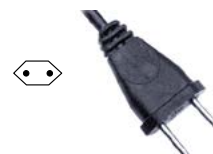


## Swiss plug | SEV 1011 T11 (type J)

**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> |

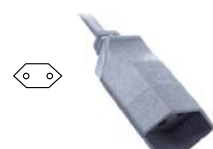


## Swiss coupling | SEV 1011 T11 (type J)

**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

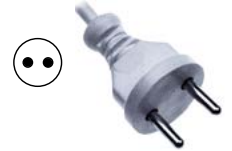
**For example, suitable for:**  
H05VV-F 3G 1,00 mm<sup>2</sup>  
H05VV-F 3G 1,50 mm<sup>2</sup>



## 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

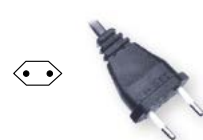
**For example, suitable for:**  
H05VV-F 3G 0,75 mm<sup>2</sup>  
H05VV-F 3G 1,00 mm<sup>2</sup>  
H05VV-F 3G 1,50 mm<sup>2</sup>



## 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

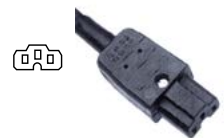
**For example, suitable for:**  
H05VV-F 2 x 0,75 mm<sup>2</sup>  
H05VV-F 2 x 1,00 mm<sup>2</sup>



### 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:**  
H03VH2-F 2 x 0,75 mm<sup>2</sup>








# Index





| #        |  |
|----------|---|
| 116.270  | 78  |
| 116.271  | 78  |
| 116.272  | 78  |
| 116.280  | 78  |
| 118.270  | 78  |
| 119.270  | 78  |
| 119.271  | 78  |
| 119.272  | 78  |
| 119.274  | 78  |
| 119.280  | 78  |
| 119.281  | 78  |
| 130.080  | 78  |
| 130.081  | 78  |
| 131.080  | 78  |
| 131.081  | 78  |
| 132.080  | 78  |
| 132.081  | 78  |
| 133.080  | 78  |
| 133.081  | 78  |
| 149.0000 | 211   |
| 149.0001 | 211   |
| 149.0004 | 211   |
| 149.0005 | 216   |
| 149.0006 | 216   |
| 150.070  | 78  |
| 150.072  | 78  |
| 151.070  | 78  |
| 151.072  | 78  |
| 190.270  | 46  |
| 190.271  | 46  |
| 202.174  | 75  |
| 202.175  | 75  |
| 202.184  | 75  |
| 202.185  | 75  |
| 202.274  | 75  |
| 202.275  | 75  |
| 202.284  | 75  |
| 202.285  | 75  |
| 211.174  | 76  |
| 211.274  | 76  |
| 233.184  | 69  |
| 233.185  | 69  |
| 233.186  | 69  |
| 233.284  | 69  |
| 233.285  | 69  |





| #       |  |
|---------|---|
| 233.286 | 69  |
| 240.187 | 74  |
| 240.189 | 74  |
| 241.175 | 75  |
| 241.275 | 75  |
| 244.875 | 74  |
| 244.876 | 74  |
| 246.174 | 75  |
| 246.175 | 75  |
| 246.176 | 75  |
| 246.185 | 75  |
| 246.186 | 75  |
| 246.375 | 75  |
| 246.376 | 75  |
| 248.174 | 75  |
| 248.175 | 75  |
| 248.176 | 75  |
| 248.185 | 75  |
| 248.186 | 75  |
| 249.875 | 74  |
| 249.876 | 74  |
| 251.173 | 77  |
| 251.183 | 77  |
| 300.000 | 23  |
| 300.001 | 23  |
| 300.002 | 23  |
| 300.003 | 23  |
| 300.004 | 23  |
| 300.005 | 23  |
| 300.006 | 23  |
| 300.007 | 23  |
| 300.008 | 23  |
| 300.011 | 23  |
| 300.012 | 23  |
| 300.030 | 23  |
| 300.049 | 23  |
| 300.050 | 23  |
| 301.174 | 73  |
| 301.175 | 73  |
| 301.274 | 73  |
| 301.275 | 73  |
| 301.974 | 73  |
| 302.174 | 74  |
| 302.274 | 74  |
| 304.174 | 73  |

| #       |  |
|---------|---|
| 304.175 | 73  |
| 304.176 | 73  |
| 304.184 | 73  |
| 304.185 | 73  |
| 304.274 | 73  |
| 304.275 | 73  |
| 304.276 | 73  |
| 304.284 | 73  |
| 304.285 | 73  |
| 304.974 | 73  |
| 305.174 | 73  |
| 305.175 | 73  |
| 305.176 | 73  |
| 305.184 | 73  |
| 305.185 | 73  |
| 305.274 | 73  |
| 305.275 | 73  |
| 305.276 | 73  |
| 305.284 | 73  |
| 305.285 | 73  |
| 305.974 | 73  |
| 305.975 | 73  |
| 311.273 | 73  |
| 312.174 | 73  |
| 312.175 | 73  |
| 312.275 | 73  |
| 313.176 | 74  |
| 317.000 | 120   |
| 317.001 | 120   |
| 317.006 | 120   |
| 317.007 | 120   |
| 317.100 | 122   |
| 317.101 | 122   |
| 317.102 | 122   |
| 317.117 | 123   |
| 320.174 | 72  |
| 320.175 | 72  |
| 320.176 | 72  |
| 320.185 | 72  |
| 320.186 | 72  |
| 321.174 | 72  |
| 321.175 | 72  |
| 321.176 | 72  |
| 322.174 | 72  |
| 322.175 | 72  |





| #        |  |
|----------|---|
| 322.176  | 72  |
| 322.184  | 72  |
| 322.185  | 72  |
| 322.186  | 72  |
| 323.185  | 72  |
| 323.186  | 72  |
| 327.875  | 72  |
| 327.876  | 72  |
| 328.875  | 72  |
| 328.876  | 72  |
| 329.3009 | 281   |
| 329.3010 | 281   |
| 329.3032 | 281   |
| 329.3033 | 281   |
| 329.3036 | 281   |
| 329.3037 | 281   |
| 329.3056 | 281   |
| 329.3057 | 281   |
| 329.3058 | 281   |
| 329.3059 | 281   |
| 329.3104 | 293   |
| 329.3176 | 293   |
| 329.3201 | 281   |
| 330.070  | 21  |
| 330.071  | 21  |
| 330.072  | 21  |
| 330.073  | 21  |
| 330.100  | 25  |
| 330.100F | 25  |
| 330.101  | 25  |
| 330.101F | 25  |
| 330.102  | 25  |
| 330.103  | 25  |
| 330.104  | 25  |
| 330.104F | 25  |
| 330.105  | 25  |
| 330.106  | 25  |
| 330.107  | 25  |
| 330.140  | 25  |
| 330.142  | 25  |
| 330.300  | 25  |
| 331.000  | 21  |
| 331.006  | 21  |
| 331.007  | 21  |
| 331.010  | 21  |





| #        |  | #        |  | #        |  | #       |  |
|----------|---|----------|---|----------|---|---------|---|
| 331.011  | 21  | 333.536  | 258   | 339.1002 | 165   | 348.171 | 67  |
| 331.012  | 21  | 333.537  | 258   | 339.1004 | 165   | 348.172 | 67  |
| 331.013  | 21  | 333.538  | 257   | 339.1005 | 165   | 349.006 | 54  |
| 331.014  | 21  | 333.539  | 255   | 339.1006 | 165   | 349.007 | 54  |
| 331.0202 | 260   | 333.540  | 255   | 339.1018 | 163   | 349.008 | 48  |
| 331.032  | 21  | 333.600  | 260   | 339.110  | 163   | 349.009 | 48  |
| 331.035  | 21  | 333.601  | 260   | 341.184  | 69  | 349.010 | 48  |
| 331.040  | 21  | 333.604  | 260   | 341.185  | 69  | 349.012 | 54  |
| 331.055  | 21  | 333.605  | 260   | 341.186  | 69  | 349.014 | 54  |
| 331.071  | 21  | 333.616  | 255   | 341.189  | 69  | 349.015 | 48  |
| 331.072  | 21  | 333.804  | 257   | 341.200S | 69  | 349.017 | 54  |
| 331.074  | 21  | 333.805  | 257   | 341.201S | 69  | 349.018 | 54  |
| 331.089  | 21  | 333.815  | 255   | 341.202S | 69  | 349.020 | 48  |
| 331.154  | 21  | 333.819  | 257   | 341.203S | 69  | 349.027 | 54  |
| 331.1541 | 21  | 333.830  | 255   | 341.281  | 69  | 349.028 | 54  |
| 332.071  | 21  | 333.838  | 257   | 341.284  | 69  | 349.029 | 54  |
| 333.000  | 260   | 336.003  | 29  | 341.285  | 69  | 349.033 | 54  |
| 333.001  | 260   | 336.004  | 29  | 341.286  | 69  | 349.035 | 54  |
| 333.002  | 260   | 336.006  | 29  | 341.287  | 69  | 349.044 | 40  |
| 333.004  | 260   | 336.014  | 29  | 341.288  | 69  | 349.045 | 40  |
| 333.005  | 260   | 336.015  | 29  | 341.289  | 69  | 349.046 | 40  |
| 333.0122 | 264   | 336.039  | 28  | 341.870  | 68  | 349.183 | 54  |
| 333.0500 | 114   | 336.046  | 28  | 341.879  | 68  | 349.184 | 40  |
| 333.071  | 21  | 336.065  | 29  | 341.880  | 53  | 349.185 | 40  |
| 333.1007 | 114   | 336.067  | 28  | 343.170  | 68  | 349.206 | 58  |
| 333.1008 | 114   | 336.072  | 28  | 343.171  | 68  | 349.300 | 47  |
| 333.400  | 257   | 336.079  | 28  | 343.172  | 68  | 349.301 | 47  |
| 333.401  | 257   | 336.088  | 28  | 343.173  | 68  | 349.302 | 47  |
| 333.402  | 258   | 336.600  | 27  | 343.174  | 67  | 349.303 | 47  |
| 333.403  | 258   | 336.601  | 27  | 343.175  | 67  | 349.304 | 47  |
| 333.404  | 257   | 336.603  | 27  | 343.176  | 67  | 349.310 | 47  |
| 333.405  | 257   | 336.604  | 27  | 343.177  | 68  | 349.311 | 47  |
| 333.406  | 257   | 336.606  | 27  | 343.179  | 68  | 350.000 | 19  |
| 333.4061 | 258   | 336.626  | 27  | 343.191  | 68  | 350.001 | 19  |
| 333.4063 | 258   | 338.0080 | 111   | 343.192  | 68  | 350.006 | 19  |
| 333.4065 | 257   | 338.0081 | 111   | 343.370  | 68  | 350.007 | 19  |
| 333.407  | 257   | 338.0200 | 101   | 343.371  | 68  | 350.030 | 19  |
| 333.408  | 255   | 338.0201 | 101   | 343.372  | 68  | 350.031 | 19  |
| 333.410  | 257   | 338.0203 | 107   | 343.373  | 68  | 350.032 | 19  |
| 333.411  | 257   | 338.0204 | 107   | 344.170  | 67  | 350.033 | 19  |
| 333.412  | 257   | 338.0205 | 107   | 344.171  | 67  | 350.050 | 19  |
| 333.413  | 264   | 338.0206 | 107   | 344.172  | 67  | 350.051 | 19  |
| 333.416  | 257   | 338.0210 | 101   | 344.174  | 67  | 350.052 | 19  |
| 333.417  | 264   | 338.0212 | 101   | 344.175  | 67  | 350.053 | 19  |
| 333.418  | 257   | 338.0219 | 101   | 346.170  | 67  | 350.070 | 19  |
| 333.419  | 257   | 338.0221 | 101   | 346.171  | 67  | 350.071 | 19  |
| 333.505  | 257   | 338.0230 | 101   | 346.172  | 67  | 350.072 | 19  |
| 333.506  | 257   | 338.0231 | 101   | 347.170  | 67  | 350.073 | 19  |
| 333.534  | 257   | 339.1000 | 164   | 347.171  | 67  | 350.080 | 19  |
| 333.535  | 257   | 339.1001 | 164   | 347.172  | 67  | 350.081 | 19  |





| #        |  | #       |  | #         |  | #        |  |
|----------|---|---------|---|-----------|---|----------|---|
| 350.082  | 19  | 356.939 | 77  | 375.503   | 66  | 387.272  | 31  |
| 350.083  | 19  | 356.940 | 77  | 375.504   | 63  | 387.274S | 34  |
| 350.100  | 19  | 356.941 | 77  | 375.505   | 63  | 387.275S | 34  |
| 351.174  | 76  | 356.974 | 70  | 375.506   | 63  | 388.170  | 31  |
| 351.184  | 76  | 356.975 | 70  | 375.507   | 63  | 388.171  | 31  |
| 351.974  | 76  | 372.174 | 77  | 375.514   | 63  | 388.172  | 31  |
| 351.984  | 76  | 372.184 | 77  | 375.515   | 66  | 388.270  | 31  |
| 352.174  | 77  | 375.000 | 64  | 375.516   | 66  | 388.271  | 31  |
| 352.175  | 77  | 375.003 | 64  | 375.517   | 63  | 388.272  | 31  |
| 353.175  | 76  | 375.005 | 64  | 375.518   | 65  | 388.371  | 31  |
| 353.185  | 76  | 375.007 | 64  | 375.529   | 29  | 388.471  | 31  |
| 353.975  | 76  | 375.016 | 64  | 375.541   | 66  | 392.180  | 42  |
| 353.985  | 76  | 375.017 | 64  | 375.542   | 66  | 392.181  | 42  |
| 354.127  | 76  | 375.018 | 64  | 381.109   | 40  | 392.182  | 43  |
| 356.119  | 70  | 375.038 | 65  | 381.121K  | 31  | 392.183  | 43  |
| 356.120  | 70  | 375.039 | 64  | 381.130K  | 31  | 392.187  | 43  |
| 356.127  | 70  | 375.040 | 65  | 381.141S  | 34  | 393.002  | 43  |
| 356.169  | 70  | 375.044 | 64  | 381.144S  | 34  | 393.0060 | 43  |
| 356.171  | 70  | 375.045 | 64  | 381.147K  | 31  | 394.175  | 39  |
| 356.172  | 76  | 375.046 | 64  | 381.148K  | 31  | 394.179  | 84  |
| 356.1721 | 76  | 375.050 | 65  | 381.149K  | 31  | 394.180  | 39  |
| 356.1722 | 76  | 375.053 | 65  | 381.150K  | 31  | 394.182  | 39  |
| 356.1723 | 76  | 375.055 | 65  | 381.151K  | 31  | 394.183  | 226   |
| 356.1731 | 70  | 375.064 | 65  | 381.152K  | 31  | 394.184  | 226   |
| 356.1732 | 70  | 375.068 | 64  | 381.221K  | 31  | 394.187  | 226   |
| 356.1733 | 70  | 375.069 | 64  | 381.223K  | 31  | 394.188  | 226   |
| 356.174  | 70  | 375.070 | 64  | 381.230K  | 31  | 394.190  | 226   |
| 356.175  | 70  | 375.071 | 65  | 381.241S  | 34  | 395.180  | 42  |
| 356.183  | 70  | 375.072 | 65  | 381.244S  | 34  | 395.181  | 42  |
| 356.1971 | 77  | 375.073 | 65  | 381.246K  | 31  | 396.181  | 42  |
| 356.1973 | 77  | 375.075 | 64  | 381.247K  | 31  | 396.182  | 42  |
| 356.1974 | 77  | 375.076 | 65  | 381.248K  | 31  | 396.183  | 43  |
| 356.1975 | 77  | 375.079 | 65  | 381.249K  | 31  | 396.184  | 42  |
| 356.900  | 70  | 375.080 | 65  | 381.2501K | 31  | 396.187  | 43  |
| 356.901  | 70  | 375.081 | 65  | 381.250K  | 31  | 397.003  | 42  |
| 356.902  | 70  | 375.082 | 65  | 381.2512K | 31  | 398.180  | 43  |
| 356.903  | 70  | 375.083 | 65  | 381.251K  | 31  | 398.181  | 42  |
| 356.904  | 70  | 375.102 | 66  | 381.252K  | 31  | 398.182  | 42  |
| 356.905  | 76  | 375.106 | 66  | 381.450K  | 31  | 398.183  | 42  |
| 356.906  | 76  | 375.107 | 66  | 381.801   | 31  | 398.186  | 43  |
| 356.907  | 76  | 375.115 | 64  | 384.272S  | 34  | 398.200  | 41  |
| 356.908  | 76  | 375.116 | 64  | 385.170   | 31  | 399.000  | 41  |
| 356.909  | 76  | 375.117 | 64  | 385.270   | 31  | 399.003  | 41  |
| 356.910  | 70  | 375.123 | 66  | 387.170   | 31  | 399.004  | 41  |
| 356.911  | 70  | 375.127 | 65  | 387.171   | 31  | 399.005  | 41  |
| 356.918  | 70  | 375.128 | 65  | 387.172   | 31  | 399.006  | 41  |
| 356.935  | 70  | 375.129 | 65  | 387.270   | 31  | 399.007  | 41  |
| 356.936  | 70  | 375.500 | 66  | 387.270S  | 34  | 399.009  | 41  |
| 356.937  | 77  | 375.501 | 65  | 387.271   | 31  | 399.010  | 41  |
| 356.938  | 77  | 375.502 | 29  | 387.271S  | 34  | 399.012  | 41  |





| #        |  | #        |  | #        |  | #          |  |
|----------|---|----------|---|----------|---|------------|---|
| 399.180  | 42  | 685.880  | 82  | 740.015  | 230   | 800.2396   | 279   |
| 399.181  | 42  | 685.881  | 82  | 740.017  | 230   | 800.2398   | 279   |
| 399.182  | 42  | 685.882  | 82  | 800.0050 | 293   | 800.2399   | 279   |
| 399.185  | 42  | 692.180  | 82  | 800.0051 | 293   | 800.2400   | 279   |
| 420.0012 | 17  | 692.181  | 82  | 800.0052 | 293   | 800.2401   | 279   |
| 420.0013 | 17  | 692.182  | 82  | 800.0053 | 294   | 800.2402   | 279   |
| 420.0014 | 17  | 692.280  | 82  | 800.0100 | 262   | 800.2403   | 279   |
| 420.0017 | 17  | 692.281  | 82  | 800.0101 | 262   | 800.2404   | 279   |
| 420.0018 | 17  | 692.282  | 82  | 800.0102 | 262   | 800.2405   | 279   |
| 420.0019 | 17  | 693.180  | 81  | 800.0104 | 262   | 800.2407   | 279   |
| 420.0021 | 17  | 693.181  | 81  | 800.0105 | 262   | 800.2408   | 279   |
| 420.0022 | 17  | 693.182  | 81  | 800.0107 | 264   | 800.2409   | 279   |
| 420.0068 | 17  | 693.280  | 81  | 800.0109 | 264   | 800.2410   | 279   |
| 420.0069 | 17  | 693.281  | 81  | 800.0111 | 255   | 800.2522   | 266   |
| 420.0211 | 17  | 693.282  | 81  | 800.0113 | 264   | 800.2546   | 266   |
| 500.000  | 36  | 693.283  | 83  | 800.0114 | 262   | 800.2548   | 266   |
| 624.871  | 80  | 700.0010 | 210, 215  | 800.0119 | 262   | 800.2621   | 266   |
| 641.1701 | 231   | 700.0110 | 210, 215  | 800.0120 | 266   | 800.2622   | 266   |
| 641.1711 | 231   | 700.0111 | 215   | 800.1258 | 258   | 800.2623   | 266   |
| 641.2711 | 231   | 700.0112 | 216   | 800.1259 | 257   | 800.2638   | 266   |
| 654.180  | 83  | 700.1010 | 215   | 800.1260 | 258   | 800.2949   | 257   |
| 654.181  | 83  | 700.2010 | 215   | 800.1261 | 258   | 800.2960   | 266   |
| 654.182  | 83  | 700.3002 | 210   | 800.1262 | 257   | 800.2969   | 293   |
| 654.280  | 83  | 700.4000 | 210   | 800.1263 | 257   | 800.2983   | 293   |
| 654.281  | 83  | 700.4010 | 215   | 800.1264 | 257   | 802.0001   | 294   |
| 654.282  | 83  | 700.9000 | 211   | 800.1265 | 258   | 802.0002   | 294   |
| 654.283  | 83  | 720.000  | 231   | 800.1453 | 264   | 802.0003   | 294   |
| 654.284  | 83  | 720.006  | 226   | 800.1656 | 262   | 802.0005   | 294   |
| 663.170  | 80  | 720.013  | 227   | 800.1657 | 262   | 802.0010   | 293   |
| 663.171  | 80  | 720.035  | 227   | 800.2054 | 279   | 802.0100   | 293   |
| 663.270  | 80  | 720.0362 | 229   | 800.2055 | 279   | 802.0101   | 293   |
| 663.271  | 80  | 720.038  | 227   | 800.2063 | 279   | 802.0102   | 293   |
| 665.870  | 80  | 720.039  | 227   | 800.2067 | 279   | 802.3004   | 283   |
| 665.871  | 80  | 720.047  | 229   | 800.2068 | 279   | 802.3005   | 283   |
| 672.180  | 80  | 720.048  | 229   | 800.2135 | 279   | 802.3006   | 283   |
| 672.181  | 80  | 722.009  | 227   | 800.2154 | 279   | 802.3007   | 283   |
| 672.280  | 80  | 730.005  | 232   | 800.2282 | 262   | 802.3012   | 283   |
| 672.281  | 80  | 730.008  | 232   | 800.2283 | 264   | 802.3012-S | 283   |
| 681.880  | 82  | 730.009  | 228   | 800.2284 | 255   | 802.3013   | 283   |
| 681.881  | 82  | 730.010  | 228   | 800.2331 | 255   | 802.3013-S | 283   |
| 681.882  | 82  | 740.000  | 230   | 800.2332 | 255   | 802.3014   | 283   |
| 682.880  | 82  | 740.001  | 230   | 800.2334 | 264   | 802.3016   | 283   |
| 682.881  | 82  | 740.002  | 230   | 800.2336 | 262   | 802.3019   | 283   |
| 682.882  | 82  | 740.003  | 230   | 800.2337 | 264   | 802.3019-S | 283   |
| 683.880  | 82  | 740.004  | 230   | 800.2338 | 262   | 802.3022   | 283   |
| 683.881  | 82  | 740.005  | 230   | 800.2339 | 264   | 802.3023   | 283   |
| 683.882  | 82  | 740.006  | 230   | 800.2340 | 264   | 802.3024   | 283   |
| 684.880  | 82  | 740.010  | 230   | 800.2341 | 262   | 802.3024-S | 283   |
| 684.881  | 82  | 740.011  | 230   | 800.2342 | 264   | 802.3025   | 283   |
| 684.882  | 82  | 740.012  | 230   | 800.2395 | 279   | 802.3025-S | 283   |











| #          |  | #          |  | #        |  | #        |  |
|------------|---|------------|---|----------|---|----------|---|
| 802.3030   | 283   | 802.7021   | 288   | 902.005  | 163   | 902.0871 | 163   |
| 802.3030-S | 283   | 802.7022   | 288   | 902.0050 | 163   | 902.0872 | 163   |
| 802.3031   | 283   | 802.7026   | 288   | 902.006  | 163   | 902.0873 | 163   |
| 802.3031-S | 284   | 802.7500   | 290   | 902.007  | 163   | 902.0874 | 163   |
| 802.3039   | 292   | 802.7500-S | 290   | 902.008  | 164   | 902.0875 | 163   |
| 802.3039-S | 292   | 802.7501   | 290   | 902.0089 | 163   | 902.0876 | 163   |
| 802.3041   | 283   | 802.7501-S | 290   | 902.009  | 164   | 902.0914 | 164   |
| 802.3055   | 283   | 802.7502   | 290   | 902.0096 | 164   | 902.1017 | 163   |
| 802.3055-S | 283   | 802.7506   | 290   | 902.010  | 164   | 902.1076 | 163   |
| 802.3065   | 292   | 802.7507   | 290   | 902.0142 | 164   | 902.1309 | 163   |
| 802.3065-S | 292   | 802.7508   | 290   | 902.0161 | 164   | 902.1313 | 163   |
| 802.3067   | 292   | 802.7508-S | 290   | 902.0168 | 164   | 902.166  | 163   |
| 802.3067-S | 292   | 802.7509   | 290   | 902.017  | 163   | 902.1804 | 164   |
| 802.3068   | 292   | 802.7511   | 290   | 902.0179 | 164   | 902.1992 | 164   |
| 802.3068-S | 292   | 802.7521   | 290   | 902.0182 | 163   | 902.200  | 150   |
| 802.3069   | 292   | 802.7524   | 290   | 902.0183 | 163   | 902.201  | 150   |
| 802.3069-S | 292   | 802.7530   | 290   | 902.0184 | 163   | 902.202  | 150   |
| 802.3070   | 292   | 802.7531   | 290   | 902.0185 | 163   | 902.203  | 150   |
| 802.3070-S | 292   | 802.7532   | 290   | 902.0192 | 163   | 902.204  | 150   |
| 802.3071   | 292   | 852.101    | 49  | 902.0218 | 164   | 902.2048 | 150   |
| 802.3071-S | 292   | 852.103    | 49  | 902.0220 | 164   | 902.205  | 150   |
| 802.3072   | 292   | 852.104    | 49  | 902.0234 | 164   | 902.206  | 150   |
| 802.3072-S | 292   | 852.9821   | 50  | 902.024  | 163   | 902.208  | 151   |
| 802.3500   | 286   | 900.002    | 58  | 902.0243 | 164   | 902.209  | 150   |
| 802.3500-S | 286   | 900.003    | 58  | 902.0245 | 164   | 902.211  | 150   |
| 802.3501   | 286   | 900.004    | 58  | 902.0250 | 164   | 902.213  | 150   |
| 802.3502   | 286   | 900.005    | 58  | 902.0260 | 164   | 902.214  | 150   |
| 802.3506   | 286   | 900.010    | 58  | 902.0382 | 163   | 902.220  | 151   |
| 802.3507   | 286   | 900.011    | 58  | 902.054  | 164   | 902.228  | 150   |
| 802.3508   | 286   | 900.012    | 58  | 902.0562 | 163   | 902.229  | 150   |
| 802.3509   | 286   | 900.013    | 58  | 902.0578 | 164   | 902.230  | 151   |
| 802.3509-S | 286   | 900.1077   | 51  | 902.068  | 163   | 902.231  | 150   |
| 802.3511   | 286   | 900.180    | 43  | 902.0811 | 163   | 902.232  | 150   |
| 802.3514   | 286   | 900.181    | 43  | 902.0812 | 163   | 902.272  | 151   |
| 802.3514-S | 286   | 900.187    | 43  | 902.0813 | 163   | 902.300  | 150   |
| 802.3519   | 286   | 900.400    | 116   | 902.0814 | 163   | 902.301  | 150   |
| 802.3520   | 286   | 900.401    | 116   | 902.0815 | 163   | 902.302  | 150   |
| 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   |





| #        |  | #       |  | #        |  | #        |  |
|----------|---|---------|---|----------|---|----------|---|
| 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   |

| #        |  | #        |  | #        |  | #        |  |
|----------|---|----------|---|----------|---|----------|---|
| 909.029  | 104   | 912.002  | 114   | 912.1679 | 113   | 916.0040 | 122   |
| 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   |

| #       |  | #        |  | #        |  | #        |  |
|---------|---|----------|---|----------|---|----------|---|
| 916.502 | 121   | 917.018  | 190   | 917.157  | 181   | 918.073  | 182   |
| 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,<br>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,<br>139, 143,<br>146   |
| 916.529 | 122   | 917.067  | 196   | 918.010  | 205   |          |   |
| 916.530 | 121   | 917.078  | 187   | 918.011  | 205   | 919.014  | 52  |
| 916.531 | 121   | 917.082  | 192   | 918.012  | 205   | 919.015  | 52  |
| 916.532 | 121   | 917.090  | 188   | 918.017  | 204   | 919.016  | 52  |
| 916.533 | 122   | 917.091  | 189   | 918.018  | 204   | 919.018  | 52  |
| 916.534 | 122   | 917.096  | 189   | 918.019  | 204   | 919.024  | 49  |
| 916.535 | 122   | 917.101  | 189   | 918.0191 | 204   | 919.025  | 49  |
| 916.536 | 122   | 917.111  | 199   | 918.0192 | 204   | 919.1000 | 174   |
| 916.537 | 122   | 917.117  | 188   | 918.0193 | 204   | 919.1100 | 174   |
| 916.538 | 122   | 917.120  | 182   | 918.020  | 204   | 919.1101 | 174   |
| 916.539 | 122   | 917.1203 | 202   | 918.0201 | 204   | 919.169  | 58  |
| 916.540 | 122   | 917.1205 | 202   | 918.025  | 29  | 919.171  | 56  |
| 916.970 | 61  | 917.121  | 182   | 918.032  | 181   | 919.176  | 56  |
| 917.000 | 183   | 917.122  | 190   | 918.033  | 181   | 919.177  | 56  |
| 917.001 | 183   | 917.134  | 187   | 918.034  | 181   | 919.178  | 56  |
| 917.003 | 183   | 917.135  | 191   | 918.035  | 181   | 919.179  | 56  |
| 917.005 | 183   | 917.140  | 196   | 918.041  | 181   | 919.179  | 56  |
| 917.006 | 183   | 917.141  | 190   | 918.045  | 182   | 919.183  | 53  |
| 917.007 | 183   | 917.143  | 187   | 918.067  | 205   | 919.189  | 53  |
| 917.008 | 183   | 917.145  | 188   | 918.068  | 205   | 919.190  | 53  |
| 917.009 | 199   | 917.146  | 187   | 918.069  | 205   | 919.2000 | 173   |
| 917.010 | 199   | 917.150  | 187   | 918.071  | 182   | 919.2001 | 173   |
| 917.011 | 187   |          |   | 918.072  | 182   | 919.2002 | 173   |
























| #        |  | #        |  | #        |  | #        |  |
|----------|---|----------|---|----------|---|----------|---|
| 919.2003 | 173   | 924.027  | 241   | 924.095  | 246   | 924.1740 | 50  |
| 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   |
| 924.025  | 241   | 924.092  | 246   | 924.172  | 250   | 925.0022 | 103   |
| 924.026  | 241   | 924.094  | 246   | 924.1720 | 250   | 925.0023 | 103   |

| #        |  | #        |  | #       |  | #       |  |
|----------|---|----------|---|---------|---|---------|---|
| 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   |

| #       |  | #       |  | #       |  | #       |  |
|---------|---|---------|---|---------|---|---------|---|
| 931.003 | 133   | 936.013 | 99  | 940.048 | 205   | 941.319 | 160   |
| 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



Please fold out

## 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.



 **Bachmann GmbH**  
Ernstthaldenstr. 33  
70565 Stuttgart | Germany  
 +49 711 86602-0  
 +49 711 86602-34  
 [info@bachmann.com](mailto:info@bachmann.com)  
 [www.bachmann.com](http://www.bachmann.com)