



FACILITY SYSTEMS

System solutions for
office, conference and meeting rooms

It's electric.

**BACH
MANN**

Bachmann International

Build on the best connections

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

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

Bachmann Facility Systems

Plug into a world of opportunities

With Bachmann facility systems, you can be sure of having access to the best connectors and connections wherever you are in the world. Our systems are configurable with all standard international socket outlets and data connections. Modules can be retrofitted or interchanged quickly and easily. In short, when it comes to energy and data management systems that are fit for the future, Bachmann maximises your options.

However, there are two things we insist must feature in each and every product and service we deliver: our high-grade design and our consistent quality.



Desk connection panels / Fitting in desks



SLIDE	6
Opening and closing by means of a control unit. When the unit is closed, the cut-out in the desk or table is flush with the surface and items can be placed on top of it. Features torque limitation.	
CONFERENCE	8
Practical power and data supply. Recessed in the top of the desk or table when not in use. Simply press down with your thumb to open the unit. Features a spring clip, can be closed once cables have been connected.	
TOP FRAME	12
TOP FRAME is the new power and data supply solution for conference facilities. With its completely recessable cover, power and data can be conveniently accessed from any seat around the table.	
CONI	18
Unrestricted access to power and data on the table or desk. Integrated into your desk together with connected cables. The integrated brush insert prevents cables jamming.	
CONI COVER	24
Elegant access to separate power supply units under the desk or table. Also ideal for retrofitting. Features integrated brush insert, can be closed even with devices plugged in.	
POWER FRAME	26
For integrated power and data connections to workstations. Versatile application options. The power strip simply clicks into the built-in frame.	
POWER FRAME COVER NEW	30
The amazing evolution of the POWER FRAME. An elegant and attractive aluminium cover that is particularly suitable for stylish offices or conference rooms.	
TWIST NEW	32
Very compact power strip and space-saving cable management system. TWIST is flat enough not to interfere with units installed underneath. Red Dot Product Design Award Winner 2012	
LIFT	34
A practical combination of sophisticated looks and precision mechanical design. Recessed in the top of the desk or table when not in use. Simply touch to raise. Docking options on four sides.	

Desk connection panels / Fitting on desks



DESK 1	38
Ideal where workstations have to be flexible. Modular design for individual configuration of communication and power supply connections. Fixed or free-standing installation.	
DESK 2	46
The new generation of desk with superior design credentials. The modularity for which Bachmann is renowned ensures adaptability to future requirements.	

Desk connection panels/Mounting below desks

STEP 52

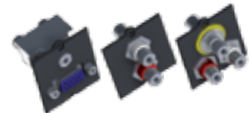
For flexible power and data supply at workstations, in partition systems, false floors, etc. Consistently modular throughout, making the possibilities virtually endless.



Custom modules

CUSTOM MODULES 58

The word CUSTOM appears in this catalogue wherever the modules can be flexibly interchanged. CUSTOM MODULES: Bachmann facility systems can be adapted to perfectly match individual requirements for data, video and audio connections.



Media technology

Media Express 90

Plug-and-play for simplicity and efficiency.

Media Switch 97

Flexible and reliable thanks to high-quality components

Media Control 102

Simple control of complex processes in media and facility applications



LanLight[®], the smart supply system

LanLight[®] system overview 112

Modular building installation solution offering flexible supply to office workstations

Basic unit and inserts 116

Connecting plates for power and data

Lift covers 118

Modern floor boxes for dry-cleaned floors

Pillars 119

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

LanLight[®]



Consolidation points

CONSOLIDATION POINTS 120

Underfloor distributors for power and data.



ACCESSORIES, CABLES AND CABLE MANAGEMENT. 124

Desk connection panels

Custom modules

Media technology

LanLight[®]

Consolidation points

Accessories



SLIDE

Functionality at the touch of a button

SLIDE opens and closes at the touch of a button. When the unit opens, the integrated electronics slides the cut-out in the desk or table down beneath its surface, providing free access to the power and data supply modules. When the unit is closed, the desk or table cut-out is flush with the surface making for a very practical solution.

Electronically controlled torque limitation protects users and cables. There is no risk of fingers or power supply cables becoming trapped or crushed. The SLIDE is available in various configurations and power strips are easily interchangeable.

SLIDE – the unobtrusive way of releasing functions when they are needed. Simply at the touch of a button.

The advantages at a glance

- Opens and closes at the touch of a button
- Can withstand weight when closed
- Fully integrated into the top of your desk or table
- Torque limitation ensures safety
- Power strip can be interchanged easily

Art. no. | Version

SLIDE housing**Black**

- 913.000
- Module for mounting in desk or table systems
 - Complete kit incl. motion mechanism, control electronics and fixing materials
 - Incl. mounting frame for 2 power strips (see page 18)
 - Incl. stainless steel button with 2.0 m control cable and plug for controlling the SLIDE
 - Suitable for installation in desk or table tops (thickness must be adapted to 8 mm)
 - Incl. cut-out drawing for preparation of tabletop
 - Dimensions (L x W x H): approx. 725 x 340.5 x 70.3 mm

SLIDE housing illuminated**Black**

- 913.005
- Mounting frame for fitting in desk or table systems
 - Complete kit incl. motion mechanism, control electronics and fixing materials
 - With 2 blue LED striplights that light up when open
 - Incl. mounting frame for 2 power strips (see page 18)
 - Incl. stainless steel button with 2.0 m control cable and plug for controlling the SLIDE
 - Suitable for installation in desk or table tops (thickness must be adapted to 8 mm)
 - Incl. cut-out drawing for preparation of tabletop
 - Dimensions (L x W x H): approx. 725 x 340.5 x 70.3 mm



You will find power strips suitable for Slide, Conference and Top Frame on page 18/19



SLIDE – a user-friendly solution even at installation stage.

All set for quick fitting

The SLIDE module screws onto the underside of your tabletop or desktop. The screw fixtures are designed for tops up to 20 mm thick. If the thickness is more than 20 mm you will need to rout the area around the SLIDE module housing down to 20 mm.

The dimensions of the sliding panel in the tabletop are approx. (L x W) 302.5 x 236 mm. The built-in frame for the socket outlets is attached to the SLIDE module using the screws included in the scope of supply. Power strips (short version) can also be attached to this built-in frame and interchanged if required. You will find power strips on page 18.

Sealed cables can also be supplied

The SLIDE module's moving carriage is opened and closed using a pushbutton. The carriage itself can have an "elongated slot" so that cables can be routed even when the unit is closed. Customers can choose whether to also include this slot in the table or desk top in the design of the cut-out.

Electronics for safety

As soon as a resistance is felt by the moving "carriage", the electronics will bring it to a halt. This prevents fingers and cables getting trapped, avoiding possible injuries or damage.

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

When not in use, CONFERENCE is hidden in the top of the desk or table. When you need power or data, press with your thumb to release the magnetic catch and the opening flap swings up. Once you have connected your notebook, projector, microphone, etc. the flap can be closed again. The narrow closing flap opposite adapts to the inserted tables – nothing is squashed and the elegant appearance of the desk or table is preserved.

CONFERENCE built-in frames are available both for surface mounting (e.g. if retrofitting) and for flush mounting in the tops of desks and tables. Where installed under a desk or table, the opening and closing flaps are flush with the table or desk top. As we can supply flaps on request in almost any coating and even ready for veneer finishing, CONFERENCE is able to meet the most stringent of requirements in terms of elegant looks and harmonious design.

The configuration of CONFERENCE data connections can be freely selected. Power strips can also be interchanged quickly and at any time, without the need for tools. Maximum functionality and top-end design can therefore be adapted to advancements in communication technology for many years to come.

The advantages at a glance

- Integrated into the top of the desk or table
- Simply press with your thumb to open
- Flap can be closed with cables connected
- For both surface mounting (e.g. if retrofitting) and flush mounting
- Can be installed flush with the top of the desk or table
- Suitable for veneer finishing
- Configuration can be freely selected (see custom modules from page 58)
- Complete power strip can be quickly interchanged



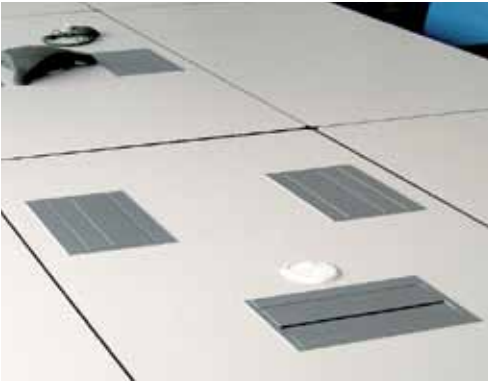
Simply press with your thumb to open CONFERENCE. Thanks to its flexible closing flap, the unit can even be closed once devices have been plugged in without crushing the cables.



CONFERENCE

Setting a design standard

CONFERENCE – as versatile as you need.



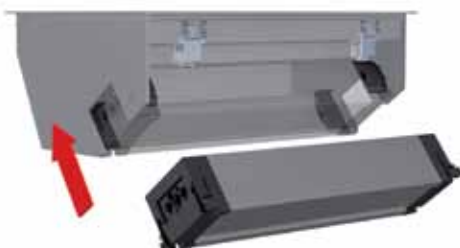
The dimensions of the cut-out are included in the frame packaging materials. They are also available by e-mail or can be downloaded from www.bachmann.com

Simple built-in frame fitting

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

Frameless

Conference under-table mounting frames (frameless) are fitted from the underside of the tabletop. Thus only the pivoting flaps are visible on the tabletop. The necessary drawings containing the special details of the table cut-out are supplied with the unit or can be downloaded from www.bachmann.com. If required, the flaps can be removed from the frame by means of the integrated bayonet catch. You can also custom match the flaps to the finish of your tabletop by gluing on a suitable veneer (this is not done ex works).



Power strip simply clicks into place

The power strip is not supplied with the built-in frame and must be ordered separately.

It simply clicks into the built-in frame (tools are not required).

Since the power strip can be interchanged at any time, the user is guaranteed long-term flexibility and adaptability to future requirements.

CONFERENCE with frame

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

Art. no. | Version

CONFERENCE built-in frame, long		Moonstone metallic
338.0200	<ul style="list-style-type: none"> · Outer dimensions: approx. 466.1 x 182.4 mm, built-in dimensions: approx. 450.1 x 166.4 mm · Built-in depth: 110 mm 	



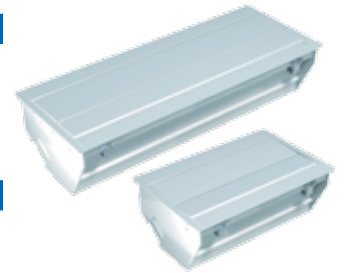
CONFERENCE built-in frame, short		Moonstone metallic
338.0201	<ul style="list-style-type: none"> · Outer dimensions: approx. 284.6 x 182.4 mm, built-in dimensions: approx. 268.6 x 166.4 mm · Built-in depth: 110 mm 	

CONFERENCE built-in frame, long		RAL9006, silver grey
338.0221	<ul style="list-style-type: none"> · Outer dimensions: approx. 466.1 x 182.4 mm, built-in dimensions: approx. 450.1 x 166.4 mm · Built-in depth: 110 mm 	



CONFERENCE built-in frame, short		RAL9006, silver grey
338.0219	<ul style="list-style-type: none"> · Outer dimensions: approx. 284.6 x 182.4 mm, built-in dimensions: approx. 268.6 x 166.4 mm · Built-in depth: 110 mm 	

CONFERENCE built-in frame, long		Chrome effect finish
338.0212	<ul style="list-style-type: none"> · Outer dimensions: approx. 466.1 x 182.4 mm, built-in dimensions: approx. 450.1 x 166.4 mm · Built-in depth: 110 mm 	

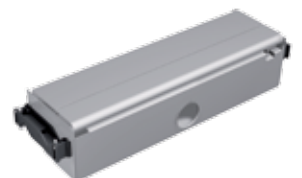


CONFERENCE built-in frame, short		Chrome effect finish
338.0210	<ul style="list-style-type: none"> · Outer dimensions: approx. 284.6 x 182.4 mm, built-in dimensions: approx. 268.6 x 166.4 mm · Built-in depth: 110 mm 	

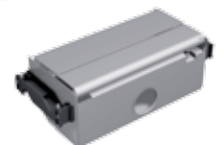
CONFERENCE frameless

Art. no. | Version

CONFERENCE under-table built-in frame, long		RAL9006, silver grey
338.0230	<ul style="list-style-type: none"> · Dimensions (visible surface): approx. 448.2 x 134.2 mm · Built-in depth: 107 mm 	



CONFERENCE under-table built-in frame, short		RAL9006, silver grey
338.0231	<ul style="list-style-type: none"> · Dimensions (visible surface): approx. 266.7 x 134.2 mm · Built-in depth: 107 mm 	



You will find power strips suitable for Slide, Conference and Top Frame on page 16/17

TOP FRAME is the new power and data supply solution for conference facilities. With its completely recessable cover, power and data can be conveniently accessed from any seat around the table. The balanced geometry of TOP FRAME fits elegantly into the tabletop and allows it to be fitted with high-quality veneers.

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

With its surround frame, TOP FRAME is also suitable for retrofitting. The power strips can of course be interchanged in a flash and can be equipped with Bachmann's flexible custom modules.

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

The power strip clips into the frame without tools. There is a short version with 4 modules and a long version with 8 modules to suit both TOP FRAME solutions.

The advantages at a glance

- Access to power supply and data from any seat
- Silent opening
- Integrated into the top of the desk or table
- Can be installed flush with the top of the desk or table
- Version with surround frame suitable for retrofitting
- Suitable for veneer finishing
- Configuration can be freely selected
- Complete power strip can be quickly interchanged



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



TOP FRAME

Perfect elegance

TOP FRAME frameless

- Includes fixing accessories

Art. no. | Version

TOP FRAME base		Black
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Top Frame base without flap, black powder-coated housing	
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925.100	<ul style="list-style-type: none"> · 4-way · Dimensions (L x W x H): approx. 300 x 92 x 98 mm
925.101	<ul style="list-style-type: none"> · 8-way · Dimensions (L x W x H): approx. 482.5 x 92 x 98 mm

TOP FRAME cover		blasted and EV1 anodised
-----------------	--	--------------------------

Top Frame blasted and anodised cover, with fixing screws	
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925.0044	<ul style="list-style-type: none"> · 4-way · for mounting on TOP FRAME base (art. no. 925.100)
925.0034	<ul style="list-style-type: none"> · 8-way · for mounting on TOP FRAME base (art. no. 925.101)

TOP FRAME cover		blasted and black anodised
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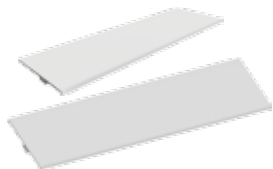
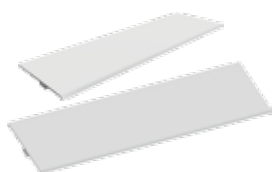
Top Frame blasted and black anodised cover, with fixing screws	
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925.0047	<ul style="list-style-type: none"> · 4-way · for mounting on TOP FRAME base (art. no. 925.100)
925.0049	<ul style="list-style-type: none"> · 8-way · for mounting on TOP FRAME base (art. no. 925.101)

TOP FRAME cover		EV1 anodised
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Top Frame EV1 anodised cover, with fixing screws	
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925.0022	<ul style="list-style-type: none"> · 4-way · for mounting on TOP FRAME base (art. no. 925.100)
925.0023	<ul style="list-style-type: none"> · 8-way · for mounting on TOP FRAME base (art. no. 925.101)



TOP FRAME with frame

- Includes fixing accessories

Art. no. | Version

TOP FRAME		RAL 9006
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Asymmetrical surround frame, short – for 4-way power strip	
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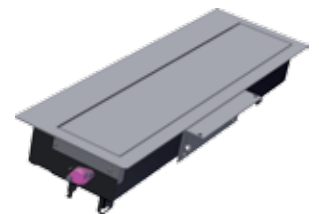
- | | |
|---------|--|
| 925.500 | <ul style="list-style-type: none"> · Aluminium flap RAL 9006, black powder-coated housing · Dimensions (L x W x H): approx. 340.5 x 162 x 98.35 mm |
|---------|--|



TOP FRAME		RAL 9006
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Asymmetrical surround frame, long – for 8-way power strip	
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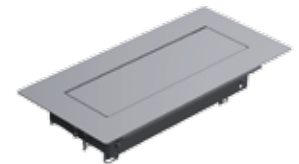
- | | |
|---------|--|
| 925.501 | <ul style="list-style-type: none"> · Aluminium flap RAL 9006, black powder-coated housing · Dimensions (L x W x H): approx. 583 x 162 x 110 mm |
|---------|--|



TOP FRAME		RAL 9006
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Symmetrical surround frame, short – for 4-way power strip	
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- | | |
|---------|--|
| 925.800 | <ul style="list-style-type: none"> · Aluminium flap RAL 9006, black powder-coated housing · Dimensions (L x W x H): approx. 400.5 x 192 x 98.35 mm |
|---------|--|



TOP FRAME		RAL 9006
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Symmetrical surround frame, long – for 8-way power strip	
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- | | |
|---------|--|
| 925.801 | <ul style="list-style-type: none"> · Aluminium flap RAL 9006, black powder-coated housing · Dimensions (L x W x H): approx. 583 x 192 x 98.35 mm |
|---------|--|



You will find power strips suitable for Slide, Conference and Top Frame on the next two pages

4-way power strips for Slide / Conference / Top Frame

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

Art. no. | Version



CUSTOM	4-way: 3 x custom modules + power socket outlet	Length: approx. 260 mm
Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket		
	909.002	· 1 socket outlet with earthing contact, child-proof, black, set at 35°
	909.025	· 1 French / UTE socket outlets, child-proof, black, set at 35°
	909.028*	· 1 Swiss / CH socket outlet, black, set at 0°
	909.065*	· 1 Italian / earth contact combination, black, set at 35°



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



CUSTOM	4-way: 1 x custom module + power socket outlets	Length: approx. 260 mm
Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket		
	909.004	· 3 socket outlets with earthing contact, child-proof, black, set at 35°
	909.011	· 3 French / UTE socket outlets, child-proof, black, set at 35°
	909.018	· 4 Swiss / CH socket outlets, black, set at 0°
	909.058*	· 3 Italian / earth contact combination, black, set at 35°
	909.0021*	· 2 UK 3.15A individually fused, child-proof, black, set at 45°



CUSTOM	4-way: 4 x custom modules	Length: approx. 260 mm
Anodised aluminium profile; without power connection		
	909.000	· without socket outlets



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

8-way power strips for Slide / Conference / Top Frame

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

Art. no. | Version



USB CHARGER	CUSTOM	8-way: 1 x USB double charger (5.2V/2.15A) + custom modules + power socket outlets	Length: approx. 444 mm
Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket			
		909.0057	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · 1 x USB double charger, 4 x custom modules
		909.0060	· 3 French / UTE socket outlets, child-proof, black, set at 35° · 1 x USB double charger, 4 x custom modules
		909.0058	· 3 UK 3.15A individually fused, child-proof, black, set at 45° · 1 x USB double charger, 2 x custom modules

* No storage type

8-way power strips for Conference / Top Frame

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

Art. no.	Version		
8-way: 6 x custom modules + power socket outlet		Length: approx. 444 mm	CUSTOM
Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket			
909.005	· 2 socket outlets with earthing contact, child-proof, black, set at 35°		
909.012	· 2 French / UTE socket outlets, child-proof, black, set at 35°		
909.033*	· 2 Swiss / CH socket outlets, black, set at 0°		
8-way: 5 x custom modules + power socket outlet		Length: approx. 444 mm	CUSTOM
Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket			
909.006	· 3 socket outlets with earthing contact, child-proof, black, set at 35°		
909.013	· 3 French / UTE socket outlets, child-proof, black, set at 35°		
9090029*	· 2 UK 3.15A individually fused, child-proof, black, set at 45°		
8-way: 4 x custom modules + power socket outlet		Length: approx. 444 mm	CUSTOM
Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket			
909.007	· 4 socket outlets with earthing contact, child-proof, black, set at 35°		
909.014	· 4 French / UTE socket outlets, child-proof, black, set at 35°		
909.019*	· 5 Swiss / CH socket outlets, black, set at 0°		
909.050*	· 4 Italian / earth contact combination, black, set at 35°		
909.0028	· 2 UK 3.15A individually fused, child-proof, black, set at 45°		
8-way: 3 x custom modules + power socket outlet		Length: approx. 444 mm	CUSTOM
Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket			
909.008	· 5 socket outlets with earthing contact, child-proof, black, set at 35°		
909.015	· 5 French / UTE socket outlets, child-proof, black, set at 35°		
909.020*	· 6 Swiss / CH socket outlets, black, set at 0°		
909.0027*	· 3 UK 3.15A individually fused, child-proof, black, set at 45°		
8-way: 2 x custom modules + power socket outlet		Length: approx. 444 mm	CUSTOM
Anodised aluminium profile; power input: GST18i3 plug, power output: GST18i3 socket			
909.009	· 6 socket outlets with earthing contact, child-proof, black, set at 35°		
909.016	· 6 French / UTE socket outlets, child-proof, black, set at 35°		
9090026	· 4 UK 3.15A individually fused, child-proof, black, set at 45°		
8-way: 8x custom modules		Length: approx. 444 mm	CUSTOM
Anodised aluminium profile; without power connection			
909.001	· without socket outlets		

CONFERENCE guide rail set

Art. no.	Version		
CONFERENCE guide rail set		Black	
For power strips (pages 6 – 7)			
940.099	· Guide rail, plastic, black · Incl. 2 countersunk head screws 2.9 x 13 mm with Torx to DIN 7982		

* No storage type

CONI brings flexibility to the desktop, for example in conference and training rooms. CONI facilitates unrestricted individual access to power, media and data right on the table or desk top. Minimal depth also means no restriction on leg movement under the desk or table, even where the units are fitted near the edge. Furthermore, a wide range of standard surface finishes ensure a high level of design freedom.

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

Configuration of CONI data connections can be freely selected (see custom modules from page 61). Power strips can also be interchanged quickly and at any time, without the need for tools. Integrated functionality and flexibility not just for today but also for the advancements of tomorrow.

The advantages at a glance

- Integrated into the top of the desk or table
- Minimum built-in depth, robust frame design
- Integrated brush insert for closing once cables have been connected
- Configuration can be freely selected (see custom modules from page 58)
- Complete power strip can be quickly interchanged
- Suitable for retrofitting



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



CONI

Integrated functionality

CONI built-in frame, short and long version

Built-in depth is 56 mm, suitable for desk or table top thicknesses of 10 mm and above.

The R5 corner radius facilitates flush mounting in desks or tables.

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



CONI built-in frame short

Outer dimensions: approx. 248 x 151 mm

CONI built-in frame long

Outer dimensions: approx. 386.5 x 151 mm

Art. no. | Version

CONI short Silver grey

338.0203 | · Silver-grey similar to RAL9006

CONI long Silver grey

338.0205 | · Silver-grey similar to RAL9006

CONI short Anthracite

338.0204 | · Anthracite

CONI long Anthracite

338.0206 | · Anthracite

CONI short Chrome-plated

338.0214 | · Chrome-plated

CONI long Chrome-plated

338.0227 | · Chrome-plated

CONI short Satin white

911.000 | · Satin white RAL9010

CONI long Satin white

911.001 | · Satin white RAL9010

CONI short Black

911.002 | · Black RAL9005

CONI long Black

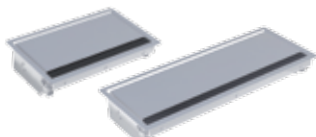
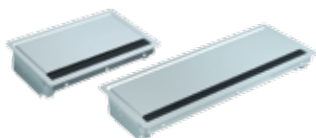
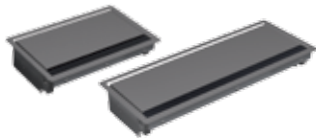
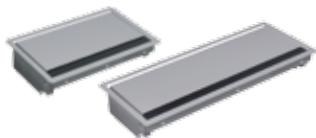
911.003 | · Black RAL9005

CONI short Stainless steel

911.004 | · Ground stainless steel

CONI long Stainless steel

911.005 | · Ground stainless steel



CONI bracket

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

Art. no. | Version

CONI mounting high

918.002	<ul style="list-style-type: none"> · Black · 2 pcs in plastic bag · Distance between socket outlet profile and floor: 30 mm from floor to top edge · Power strip: 74 mm
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CONI holder

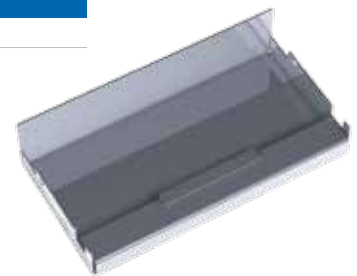
- For optional mounting on CONI mounting frame (short and long version)
- Allows excess lengths of cable to be stowed when plugged in
- Easy to fit by hooking into mounting frame already fitted, using plastic rivets supplied.
- Small extra built-in depth of approx. 20 mm in addition to depth of mounting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



Art. no. | Version

CONI holder

911.910	· Version for Coni mounting frame, short
911.913	· Version for Coni mounting frame, long



CONI brushes

Art. no. | Version

CONI brush strip short

911.900	· Red
911.901	· Blue
911.902	· White
911.903	· Yellow
911.904	· Black

CONI brush strip long





911.905	· Red
911.906	· Blue
911.907	· White
911.908	· Yellow
911.909	· Black









3-way power strips for CONI

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


Art. no. | Version

CUSTOM	3-way: 2 x custom modules + power socket outlet	Length: approx. 217 mm
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug		
	912.002	· 1 socket outlet with earthing contact, child-proof, black, set at 35°
	912.009	· 1 French / UTE socket outlets, child-proof, black, set at 35°
	912.016	· 1 Swiss / CH socket outlet, black, set at 0°
	9120055*	· 1 Italian / earth contact combination, black, set at 35°




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




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



	3-way: 2 x CAT5e + power socket outlets	Length: approx. 217 mm
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug		
	3331008	· 2 socket outlets with earthing contact, black, set at 35° · 2 CAT5e RJ45, front: socket / rear: socket






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



CUSTOM	3-way: 3 x custom modules	Length: approx. 217 mm
Anodised aluminium profile; without power connection		
	912.000	without socket outlets



Art. no. | Version

USB CHARGER	CUSTOM	3-way: 1 x USB double charger + custom modules + power socket outlets	Length: approx. 217 mm
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug			
	912.0167	· 1 socket outlet with earthing contact, child-proof, black, set at 35° · 1 x USB double charger (5.2V/2.15A), 1 x custom module	
	9120156	· 2 socket outlets with earthing contact, child-proof, black, set at 35° · 1 x USB double charger	
	912.0171	· 1 French / UTE socket outlet, child-proof, black, set at 35° · 1 x USB double charger, 1 x custom module	



* No storage type

6-way power strips for CONI

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

Art. no.	Version		
6-way: 5 x custom modules + power socket outlet		Length: approx. 356 mm	CUSTOM
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug			
912.004	· 1 socket outlet with earthing contact, child-proof, black, set at 35°		
6-way: 4 x custom modules + power socket outlet		Length: approx. 356 mm	CUSTOM
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug			
912.005	· 2 socket outlets with earthing contact, child-proof, black, set at 35°		
912.011	· 2 French / UTE socket outlets, child-proof, black, set at 35°		
912.017	· 3 Swiss / CH socket outlets, black, set at 0°		
912.0125*	· 1 UK 3.15A individually fused, child-proof, black, set at 45°		
6-way: 3 x custom modules + power socket outlet		Length: approx. 356 mm	CUSTOM
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug			
912.006	· 3 socket outlets with earthing contact, child-proof, black, set at 35°		
912.012	· 3 French / UTE socket outlets, child-proof, black, set at 35°		
912.018	· 4 Swiss / CH socket outlets, black, set at 0°		
912.022*	· 3 UK 3.15A individually fused, child-proof, black, set at 90°		
912.0124*	· 2 UK 3.15A individually fused, child-proof, black, set at 45°		
6-way: 2 x custom modules + power socket outlet		Length: approx. 356 mm	CUSTOM
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug			
912.007	· 4 socket outlets with earthing contact, child-proof, black, set at 35°		
912.013	· 4 French / UTE socket outlets, child-proof, black, set at 35°		
912.019	· 5 Swiss / CH socket outlets, black, set at 0°		
912.035*	· 1 socket outlet with earthing contact, black, set at 35°		
	· 3 Swiss / CH socket outlets, black, set at 0°		
9120123	· 3 UK 3.15A individually fused, child-proof, black, set at 45°		
6-way: 1 x custom module + power socket outlet		Length: approx. 356 mm	CUSTOM
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug			
912.008	· 5 socket outlets with earthing contact, child-proof, black, set at 35°		
912.014	· 5 French / UTE socket outlets, child-proof, black, set at 35°		
912.021*	· 4 UK 3.15A individually fused, child-proof, black, set at 90°		
9120122	· 4 UK 3.15A individually fused, child-proof, black, set at 45°		
6-way: 3 x custom modules + power socket outlet, black and red		Length: approx. 356 mm	CUSTOM
Anodised aluminium profile; power input: 2 x 0.1 m cable (black and red) and GST18i3 plug (black)			
912.024	· 1 socket outlet with earthing contact, child-proof, black, set at 35°		
	· 2 socket outlets with earthing contact, child-proof, red, set at 35°		
6-way: 2 x custom modules + power socket outlet, black and red		Length: approx. 356 mm	CUSTOM
Anodised aluminium profile; power input: 2 x 0.1 m cable (black and red) and GST18i3 plug (black)			
912.025	· 2 socket outlets with earthing contact, black, set at 35°		
	· 2 socket outlets with earthing contact, red, set at 35°		
6-way: 6 x custom modules		Length: approx. 356 mm	CUSTOM
Anodised aluminium profile; without power connection			
912.001	without socket outlets		
6-way: 1 x USB double charger (5.2V/2.15A) + custom modules + power socket outlets		Length: approx. 356 mm	CUSTOM USB CHARGER
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug			
912.0168	· 2 socket outlets with earthing contact, child-proof, black, set at 35°		
	· 1 x USB double charger, 3 x custom modules		
912.0169	· 3 Swiss / CH socket outlets, child-proof, black, set at 0°		
	· 1 x USB double charger, 3 x custom modules		
912.0172	· 2 French / UTE socket outlets, child-proof, black, set at 35°		
	· 1 x USB double charger, 3 x custom modules		
912.0170	· 2 UK 3.15A individually fused, child-proof, black, set at 90°		
	· 1 x USB double charger, 2 x custom modules		

Art. no. | Version



CONI COVER

Easy access



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

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

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

The advantages at a glance

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

CONI COVER built-in frames are available in short and long versions. The R5 corner radius facilitates flush mounting in desks or tables. The built-in depth of 24 mm is suitable for a minimum desk or table top thickness of 16 mm. Fixing to the tabletop is with 4 screws. These are screwed on from the inside through corresponding holes on the long sides of the built-in frame. Fitting instructions and cut-out dimensions are supplied with the unit.

CONI COVER built-in frame short

Outer dimensions: 248 x 149 mm

CONI COVER built-in frame long

Outer dimensions: 387 x 149 mm

Art. no. | Version

CONI COVER short

Silver grey

338.0081 | · Sheet steel silver-grey RAL9006 (similar)

CONI COVER long

Silver grey

338.0080 | · Sheet steel silver-grey RAL9006 (similar)

CONI COVER short

Satin white

911.500 | · Satin white RAL9010

CONI COVER long

Satin white

911.501 | · Satin white RAL9010

CONI COVER short

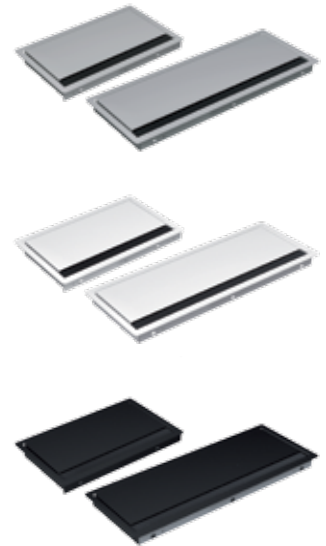
Black

911.502 | · Black RAL9005

CONI COVER long

Black

911.503 | · Black RAL9005



CONI COVER and STEP. The expandable combination.

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

For STEP see from page 48.



Easy access to all power supply units located under the table or desk top – for example to modular STEP power strips.

You will find STEP on page 48

POWER FRAME is the compact solution for integrated and easily accessible power and data connections for workstations.

They can be either factory fitted or supplied for retrofitting.

Combining compact dimensions with high-quality timeless design, POWER FRAME opens up virtually unlimited application options that go far beyond the realm of office workstations. Such as in sales showrooms and display windows and at trade fair and demonstration stands.

In short, wherever secure and rapid connections are the order of the day.

Your chosen power strip simply plugs into the built-in frame from below without tools – a stroke of perfection.

POWER FRAME – for a more compact and more efficient solution.

The advantages at a glance

- Compact dimensions
- Suitable for retrofitting
- Timeless design
- Versatile in application
- Quickly installs complete power strips



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



POWER FRAME

Compact and efficient

POWER FRAME – the practical unit for rapid installation.



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

Built-in frame for desk/table top thicknesses: from 10 mm
 Installation depth (of built-in frame): approx. 36 mm
 Corner radius for flush mounting: R5
 Total installation depth (with cables): approx. 70 mm

The power and data sockets are located on the rear of the power strip.

Built-in frame



Art. no. | Version

POWER FRAME 3-way built-in frame		Outer dimensions approx. 241 x 73 mm
317.000	· Silver grey, similar to RAL 9006	
317.001	· Stainless steel	
915.000	· Black RAL 9005	
915.001	· White RAL 9010	

Art. no. | Version

POWER FRAME 4-way built-in frame		Length: approx. 283.5 x 73 mm
317.006	· Silver grey, similar to RAL 9006	
915.004	· Black RAL 9005	

Plastic power strips, 3-way

Art. no. | Version

CUSTOM	3-way: 2 x custom modules + power socket outlet	Length: approx. 220 mm
	Plastic profile; power input: 0.1 m cable and GST18i3 plug	
	916.061	· 1 socket outlet with earthing contact, child-proof, black, set at 35°
	916.063	· 1 French / UTE socket outlets, child-proof, black, set at 35°



CUSTOM	3-way: 1 x custom module + power socket outlets	Length: approx. 220 mm
	Plastic profile; power input: 0.1 m cable and GST18i3 plug	
	916.060	· 2 socket outlets with earthing contact, child-proof, black, set at 35°
	916.062	· 2 French / UTE socket outlets, child-proof, black, set at 35°



CUSTOM	3-way: Power socket outlets	Length: approx. 220 mm
	Plastic profile; power input: 0.1 m cable and GST18i3 plug	
	317.117	· 3 socket outlets with earthing contact, child-proof, black, set at 35°
	916.059	· 3 French / UTE socket outlets, child-proof, black, set at 35°



Aluminium power strips, 3-way

Art. no.	Version		
3-way: 2 x custom modules + power socket outlets		Length: approx. 220 mm	CUSTOM
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug			
916.001	· 1 socket outlet with earthing contact, child-proof, black, set at 35°		
916.003	· 1 French / UTE socket outlets, child-proof, black, set at 35°		
916.005*	· 1 Swiss / CH socket outlet, black, set at 0°		
3-way: 1 x custom module + power socket outlets		Length: approx. 220 mm	CUSTOM
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug			
916.000	· 2 socket outlets with earthing contact, child-proof, black, set at 35°		
916.002	· 2 French / UTE socket outlets, child-proof, black, set at 35°		
916.004*	· 3 Swiss / CH socket outlets, black, set at 0°		
916.082	· 2 UK 3.15A individually fused, child-proof, black, set at 45°		
3-way: 2 x CAT5e + power socket outlets		Length: approx. 220 mm	
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug			
317.101	· 2 socket outlets with earthing contact, child-proof, black, set at 35° · 2 CAT5e RJ45, front: socket / rear: socket		
3-way: Power socket outlets		Length: approx. 220 mm	
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug			
317.100	· 3 socket outlets with earthing contact, child-proof, black, set at 35°		
317.102	· 3 French / UTE socket outlets, child-proof, black, set at 35°		
916.1129	· 3 UK 3.15A individually fused, child-proof, black, set at 45°		
3-way: 3 x custom modules		Length: approx. 220 mm	CUSTOM
Anodised aluminium profile; without power connection			
916.010	· Custom module-only variant		
3-way: 1 x USB double charger (5.2V/2.15A) + 1 x custom module + power socket outlets		Length: approx. 220 mm	CUSTOM USB CHARGER
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug			
916.0039	· 1 socket outlet with earthing contact, child-proof, black, set at 35°		
916.0042	· 1 French / UTE socket outlet, child-proof, black, set at 35°		
3-way: 1 x USB double charger (5.2V/2.15A) + power socket outlets		Length: approx. 220 mm	CUSTOM USB CHARGER
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug			
916.0040	· 2 socket outlets with earthing contact, child-proof, black, set at 35°		

Power strips, 4-way

Art. no.	Version		
4-way: 1 x USB double charger (5.2V/2.15A) + 2 x custom modules + power socket outlets		Length: approx. 261.9 mm	CUSTOM USB CHARGER
Anodised aluminium profile; power input: 0.1 m cable and GST18i3 plug			
916.0041*	· 1 socket outlet with earthing contact, child-proof, black, set at 35°		
4-way: 2 x custom modules + power socket outlets		Length: approx. 261.9 mm	
Black plastic; power input: 0.1 m cable and GST18i3 plug			
916.0601	· 2 socket outlet with earthing contact, child-proof, black, set at 35°		
4-way: 3 x custom modules + power socket outlets		Length: approx. 261.9 mm	
Black plastic; power input: 0.1 m cable and GST18i3 plug			
916.0611	· 1 socket outlet with earthing contact, child-proof, black, set at 35°		

* No storage type



POWER FRAME COVER

Who'd have thought power could be so elegant?

The compact POWER FRAME has evolved into the POWER FRAME COVER. An elegant and attractive aluminium cover, designed especially for conference and office environments with a strong design element, which also protects power and data connections from dust and dirt.

The advantages at a glance

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

POWER FRAME COVER

Art. no. | Version

POWER FRAME COVER 3-way

Aluminium, mounted on black Power Frame

- 915.500
- 3-way black Power Frame (art. 915.000), with aluminium flap,
 - glued into desk or table
 - Approx. dimensions 255 x 87 x 8 mm



POWER FRAME COVER 4-way

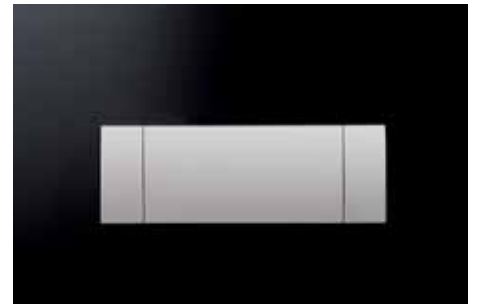
Aluminium, mounted on black Power Frame

- 915.502
- 4-way black Power Frame (art. 915.004), with aluminium flap,
 - glued into desk or table
 - Approx. dimensions 298 x 87 x 8 mm



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

See previous pages for suitable power strips.





reddot design award
winner 2012

TWIST

Power outside the box

TWIST is a power strip for office, lounge and kitchen areas. With its compact design and low installation depth, it is easily integrated in desks or kitchen worktops. Because the power cable is routed close to the housing, the installation depth is only around 40 mm, so the unit can be easily installed above a drawer.

With a choice of stainless steel or chrome look finish, the TWIST blends easily into both modern and organic interiors. After use, simply rotate the cover and the socket outlets disappear underneath it. The TWIST won the Red Dot Product Design Award 2012.



The advantages at a glance

- Very low installation depth (approx. 40 mm)
- Compact design (H x diameter: approx. 42.5 x 115 mm)
- Space-saving cable routing
- Quick and easy to install
- Stainless steel or matt chrome
- Red Dot Product Design Award Winner 2012

TWIST

Art. no. | Version

TWIST 2S

Metallic stainless steel look cover disc; power input: 2.0 m cable with end sleeves and black earthing contact mounting plug (included)

- 931.000 · 2 x socket outlets with earthing contact, child-proof, black
- Installation diameter 105 mm, installation depth 40 mm
- for desk or table top thicknesses of 20 mm to 40 mm

TWIST 1S 2P

Metallic matt chrome look cover disc; power input: 0.2 m with GST18i3 plug

- 931.001 · 1 x socket outlet with earthing contact, child-proof, black
- 2 x keystone modules for data sockets
- Installation diameter 105 mm, installation depth 40 mm
- for desk or table top thicknesses of 20 mm to 40 mm

Hole saw diameter 105 mm

For fitting the TWIST

- 931.900 · in wood / plastic
- Cutting depth up to 60 mm

Mounting tool for hole saw 931.900

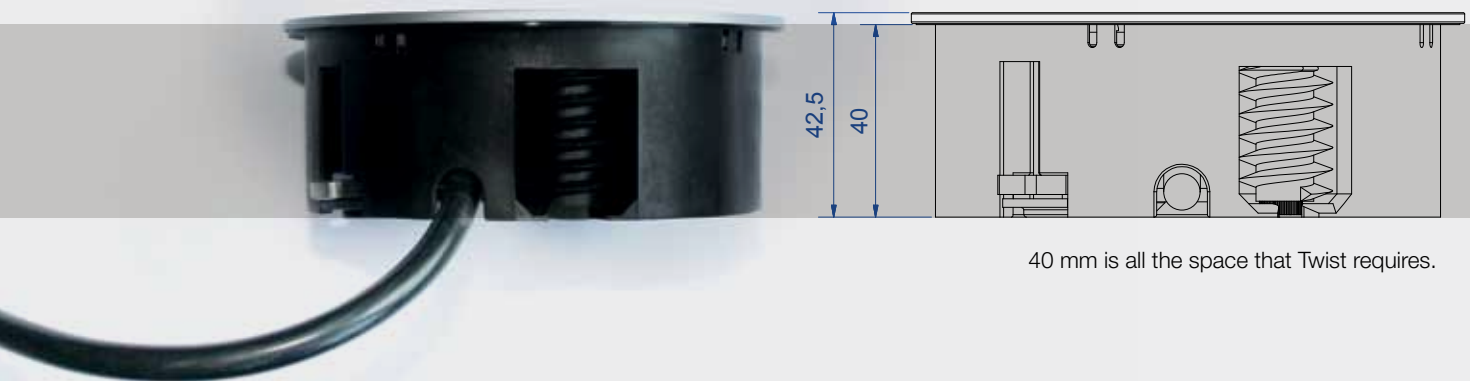
- 918.900 · with centre drill



Similar to illustration

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

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



40 mm is all the space that Twist requires.

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

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

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

The advantages at a glance

- Simply touch to raise
- Attractive looks all round
- Access points on four sides
- Incredibly compact dimensions
- Low built-in depth
- 4 plug-in units on 1 height unit



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



LIFT

High-tech in motion



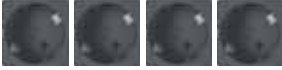
Enclosure colour BLACK

Art. no. | Version

LIFT: Power socket outlets

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

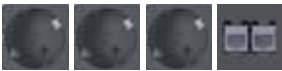
	904.000	· 4 socket outlets with earthing contact, child-proof, black, set at 35°
	904.004	· 4 French / UTE socket outlets, child-proof, black, set at 35°
	904.024*	· 4 Swiss / CH socket outlets, black, set at 0°
	904.020*	· 4 UK 3.15A individually fused, child-proof, black, set at 90°



LIFT: 2 x CAT6 + power socket outlets

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

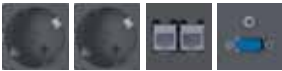
	904.001	· 3 socket outlets with earthing contact, child-proof, black, set at 35°
	904.005	· 3 French / UTE socket outlets, child-proof, black, set at 35°
	904.025*	· 3 Swiss / CH socket outlets, black, set at 0°
	904.021*	· 3 UK 3.15A individually fused, child-proof, black, set at 90°



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

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

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



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

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

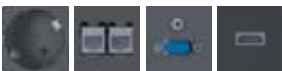
	904.003	· 2 socket outlets with earthing contact, child-proof, black, set at 35°
	904.007	· 2 French / UTE socket outlets, child-proof, black, set at 35°
	904.027*	· 2 Swiss / CH socket outlets, black, set at 0°
	904.023*	· 2 UK 3.15A individually fused, child-proof, black, set at 90°



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

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

	904.045	· CAT6 3.0 m data cable and RJ45 plug; VGA 15-pole and mini audio jack with 3.0 m cable and plug · 1 x socket outlet with earthing contact, child-proof, black, set at 35°, with 3.0 m cable and plug · 2 x CAT6 RJ45 with 3.0 m data cable and RJ45 plug · 1 x VGA + mini audio jack each with 3.0 m cable · 1 x HDMI with plug
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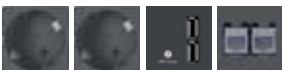


USB CHARGER

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

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

	904.0001*	· 2 x socket outlets with earthing contact, child-proof, black, set at 35° · 1 x USB double charger · 2 x CAT6 RJ45 socket
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* No storage type

Enclosure colour SILVER

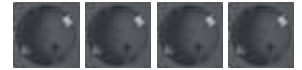


Art. no. | Version

LIFT: Power socket outlets

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

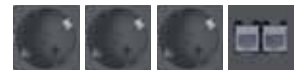
904.008 | · 4 socket outlets with earthing contact, child-proof, black, set at 35°



LIFT: 2 x CAT6 + power socket outlets

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

904.009 | · 3 socket outlets with earthing contact, child-proof, black, set at 35°



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

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

CAT6 3.0 m data cable and RJ45 plug; VGA 15-pole and mini audio jack with 3.0 m cable and plug;

904.010 | · 2 socket outlets with earthing contact, child-proof, black, set at 35°



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

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

CAT6 3.0 m data cable and RJ45 plug; USB A socket with 3.0 m cable and plug;

904.011 | · 2 socket outlets with earthing contact, child-proof, black, set at 35°



Hole saw

diameter 140 mm

For LIFT installation

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



Similar to illustration

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

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

When it comes to positioning the DESK units, again versatility is the key. They are fixed to the desk/table top by mounting brackets or screws or can be free-standing, as best suits the application and good style.

The advantages at a glance

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



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



DESK 1

Versatility with style

DESK 1 – every possibility at your fingertips.



Plug connections as standard

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

A power output socket provides a means of forwarding power to the next module.

Mounting without damage

DESK 1 can be mounted on the edge of a desk or table quickly and easily using a mounting bracket. A size 4 Allen key is required in order to tighten the inside screw on the bracket. Mounting does not damage the tabletop/desktop. You will find a range of mounting brackets and units on page 39.

DESK 1 plus STEP in combination

Combining DESK 1 with a STEP power strip provides the ideal overall solution for an individual office workstation. DESK 1 provides easy access to power and data connections for various devices (laptop, mobile phone, USB etc.) whilst the STEP power strip under the desk/table top supplies power to fixed devices such as PC, monitor, printer etc. The STEP power strip is screwed in place underneath the top of the desk or table or placed in a duct underneath.

The integrated Wieland connector system allows multiple power strips to be connected in series in compliance with standards.



DESK 1 power strips

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

Power cables and mounting brackets are available separately

Art. no.	Version
Power socket outlets	
Anodised aluminium profile; power input: GST18 / power output: GST18	
902.0048	· 3 socket outlets with earthing contact, child-proof, black, set at 35°, length 270 mm
Power socket outlets	
Anodised aluminium profile; power input: GST18 / power output: GST18	
902.0049	· 4 socket outlets with earthing contact, child-proof, black, set at 35°, length 313 mm
902.0050	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · 1 switch, 2-pole, illuminated · Length 313 mm



DESK 1 power strips

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

with spaces for custom modules

tion

Power cables, custom modules and mounting brackets are available separately

Art. no.	Version
1 x custom module + power socket outlets	
Anodised aluminium profile; power input: GST18 / power output: GST18	
902.000	· 3 socket outlets with earthing contact, child-proof, black, set at 35°, length 322.5 mm
902.017	· 3 socket outlet with earthing contact, child-proof, black, set at 35° · 1 switch, 2-pole, illuminated, length 365 mm
902.004	· 3 French / UTE socket outlets, child-proof, black, set at 35°, length 322.5 mm
902.008	· 3 Swiss / CH socket outlets, black, set at 0°, length 258 mm
2 x custom modules + power socket outlets	
Anodised aluminium profile; power input: GST18 / power output: GST18	
902.001	· 3 socket outlets with earthing contact, child-proof, black, set at 35°, length 365 mm
902.011	· 2 socket outlets with earthing contact, child-proof, black, set at 35°, length 322.5 mm
902.018	· 3 socket outlets with earthing contact, child-proof, black, set at 35°, length 407.5 mm · 1 switch, 2-pole, illuminated
902.005	· 3 French / UTE socket outlets, child-proof, black, set at 35°, length 365 mm
902.009	· 3 Swiss / CH socket outlets, black, set at 0°, length 300.5 mm
902.039*	· 3 UK 3.15A individually fused, child-proof, set at 90°, length 309 mm
902.024	· 2 UK 3.15A individually fused, child-proof, black, set at 45°, length 346.3 mm
3 x custom modules + power socket outlets	
Anodised aluminium profile; power input: GST18 / power output: GST18	
902.002	· 3 socket outlets with earthing contact, child-proof, black, set at 35°, length 407.5 mm
902.019	· 3 socket outlets with earthing contact, child-proof, black, set at 35° · 1 switch, 2-pole, illuminated, length 450 mm
902.006	· 3 French / UTE socket outlets, child-proof, black, set at 35°, length 407.5 mm
902.010	· 3 Swiss / CH socket outlet, black, set at 0°, length 257.5 mm



You can find suitable Wieland cables on page 127

* No storage type

DESK 1 power strips



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



with spaces for custom modules

Power cables, custom modules and mounting brackets are available separately

Art. no. | Version

CUSTOM | **4 x custom modules + power socket outlets**


Anodised aluminium profile; power input: GST18 / power output: GST18

-  902.003 | · 3 socket outlets with earthing contact, child-proof, black, set at 35°, length 450 mm
-  902.007 | · 3 French / UTE socket outlets, child-proof, black, set at 35°, length 450 mm



CUSTOM | **2 x custom modules + power socket outlets**


Anodised aluminium profile; power input: 2 x GST18 (black and red)

-  902.012 | · 1 socket outlet with earthing contact, child-proof, black, set at 35°
- 2 socket outlets with earthing contact, child-proof, red, set at 35°, length 385 mm



CUSTOM | **1 x custom module + power socket outlets + illuminated switch**


Anodised aluminium profile; power input: GST18 / power output: GST18

-  902.017 | · 3 socket outlets with earthing contact, child-proof, black, set at 35°
- 1 x illuminated switch; length 365 mm



CUSTOM | **2 x custom module + power socket outlets + illuminated switch**


Anodised aluminium profile; power input: GST18 / power output: GST18

-  902.018 | · 3 socket outlets with earthing contact, child-proof, black, set at 35°
- 1 x illuminated switch; length 407.5 mm



CUSTOM | **3 x custom modules + power socket outlets + illuminated switch**

Anodised aluminium profile; power input: GST18 / power output: GST18




-  902.019 | · 3 socket outlets with earthing contact, child-proof, black, set at 35°
- 1 x illuminated switch; length 450 mm



Art. no. | Version

USB CHARGER **CUSTOM** | **1 x USB double charger (5.2V/2.15A), 1 x custom module + power socket outlets**



Anodised aluminium profile; power input: GST18 / power output: GST18

-  902.0182 | · 2 socket outlets with earthing contact, child-proof, black, set at 35°, length 281.3 mm
-  902.0185 | · 2 French / UTE socket outlets, child-proof, black, set at 35°, length 281.3 mm
-  902.0184 | · 2 UK 3.15A individually fused, child-proof, black, set at 45°, length 300.7 mm



USB CHARGER **CUSTOM** | **DESK 1 with 1 x USB double charger (5.2V/2.15A), 2 x custom module + power socket outlets**

Anodised aluminium profile; power input: GST18 / power output: GST18

-  902.0183* | · 2 socket outlets with earthing contact, child-proof, black, set at 35°, length 323.8 mm
-  902.0161 | · 2 Swiss / CH socket outlet, black, set at 90°



You can find suitable Wieland cables on page 127

* No storage type



Max. 16A/230V~

See glossary for country-specific information

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

Art. no. | Version

DESK 1 3 x earthing contact, GST18 Length: approx. 280 mm
 2 x CAT5e

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



DESK 1 3 x earthing contact, GST18 Length: approx. 325 mm
 2 x CAT5e, 1 x VGA

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



DESK 1 3 x earthing contact, GST18 Length: approx. 325 mm
 2 x CAT5e, 1 x USB

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



DESK 1 3 x earthing contact, GST18 Length: approx. 225 mm

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



DESK 1 4 x earthing contact Length: approx. 268 mm
 Fixed connection

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



DESK 1 3 x earthing contact Length: approx. 268 mm
 Fixed connection, 1 x switch

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



* No storage type

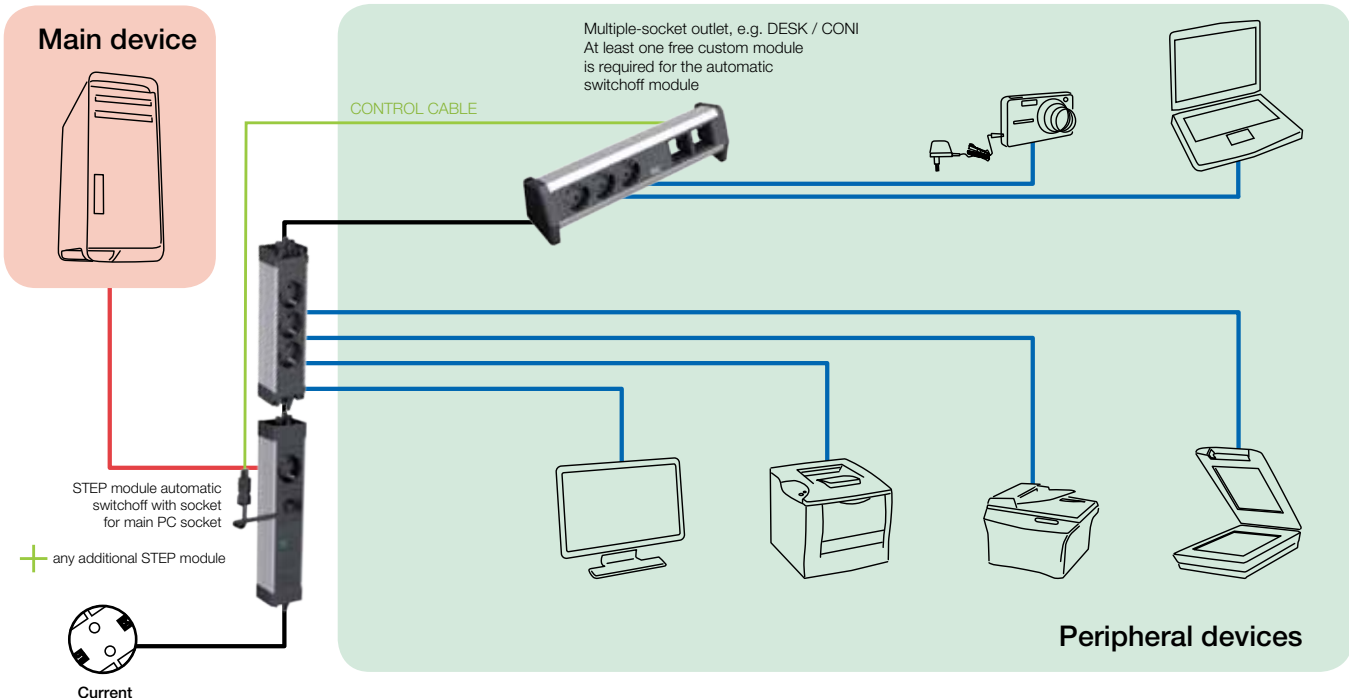
DESK 1 automatic switchoff device **approx. €70** Saving per year with multiple peripherals, per workstation

Save energy in the office with Bachmann products



The Bachmann automatic switchoff unit allows efficient savings in power consumption by modern-day office equipment during non-working hours without a major outlay on wiring. Switching equipment off completely is no longer left to chance; power saving now begins as soon as the workstation PC is shut down.

The effectiveness of this system exceeds the savings possible with master-and-slave multiple-socket outlets, since no standby current is drawn by the master device and total power consumption during on-working hours is exactly zero. The automatic switchoff device thus saves energy.



The advantages at a glance

- The automatic switchoff will save you up to €70 per workstation per year.
- An efficient approach to energy pays off. Particularly in relation to your carbon footprint.
- No electricity – no fire risk.

Automatic switchoff system components



Art. no. | Version

STEP ALU automatic switchoff

Length: approx. 263 mm

- 906.005
- Anodised aluminium profile
 - 1 x automatic switchoff device with socket
 - 1 x button connection with 0.5 m cable and plug-in connector to link to module 917.060
 - Power input: GST18i3 plug, power output: GST18i3 socket

Module 1 x button automatic switchoff / Automatic Saves Energy

- 917.060
- 1 x button, black, with 1.0 m cable and 2-way connector
 - Pressing the button subsequently restores power to the connected equipment.
 - Use in any power strip with custom modules

DESK 1 accessories

Art. no.	Version
DESK 1 slimline brackets for tabletop thicknesses up to 50 mm	
918.001	<ul style="list-style-type: none"> · Stainless steel, thickness 3 mm · Contents: 2 stainless steel mounting brackets + 2 M5 x 45 mm Allen keys
DESK standard brackets for tabletop thicknesses up to 50 mm	
930.120	<ul style="list-style-type: none"> · Anodised aluminium, thickness approx. 9 mm · Contents: - 2 x mounting clamps, anodised aluminium profile - 2 x M5 x 60 mm Allen bolts
DESK 1 long brackets for tabletop thicknesses up to 80 mm	
930.180	<ul style="list-style-type: none"> · Mounting bracket, long, 50-80 mm · Contents: - 2 x mounting clamp, black painted RAL9011 - 2 x M5 x 45 mm Allen bolts - 2 x M5 x 60 mm Allen bolts
Chipboard screw for DESK end caps for tabletop thicknesses over 15 mm	
930.183	<ul style="list-style-type: none"> · 2 x chipboard screws 4 x 90 mm incl. brass threaded sleeve
DESK 1 mounting plate	
930.182	<ul style="list-style-type: none"> · Black plastic · Mounting plates for attachment to DESK end caps · Contents: - 2 x mounting plates - 2 x screws - 2 x TESA POWER STRIP



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

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

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

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

The advantages at a glance

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



Particular attention has been paid to the design of the DESK 2. In terms of technology, DESK 2 has a modular structure, just like its predecessor DESK 1. Like all other Bachmann desk connection panels with media and data modules, DESK 2 is adapted to individual requirements and future purposes using Bachmann custom modules.



DESK 2

Design meets technology







reddot design award
winner 2011

DESK 2 power strips



Art. no. | Version

Power socket outlets Length: approx. 197 mmAluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; incl. mounting bracket

	902.2048	<ul style="list-style-type: none"> · 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in RAL 9010 white
	902.4048	<ul style="list-style-type: none"> · 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in stainless steel
	902.300	<ul style="list-style-type: none"> · 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in RAL 9010 white · 1.5 m separate device supply cable, GST18/earth contact
	902.500	<ul style="list-style-type: none"> · 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in stainless steel · 1.5 m separate device supply cable, GST18/earth contact

Art. no. | Version









Power socket outlets Length: approx. 316.7 mmAluminium profile; power input 0.2 m H05VV-F3G 1.5 mm² with GST 18i incl. mounting bracket

	902.213	<ul style="list-style-type: none"> · 2 UK 3.15A individually fused, child-proof, black, set at 45° · Painted in RAL 9010 white
	902.214*	<ul style="list-style-type: none"> · 4 UK 3.15A individually fused, child-proof, black, set at 45° · Painted in stainless steel

DESK 2 power strips, empty

Art. no. | Version

1 x custom module + power socket outlets Length: approx. 239 mmAluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm² with GST18; incl. mounting bracket

	902.200	<ul style="list-style-type: none"> · 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in RAL 9010 white
	902.204	<ul style="list-style-type: none"> · 3 French / UTE socket outlets, child-proof, black, set at 45° · Painted in RAL 9010 white
	902.206	<ul style="list-style-type: none"> · 2 UK 3.15A individually fused, child-proof, black, set at 45° · Painted in RAL 9010 white
	902.208	<ul style="list-style-type: none"> · 3 Swiss / CH T13 socket outlets, black, set at 90° · Painted in RAL 9010 white
	902.400	<ul style="list-style-type: none"> · 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in stainless steel
	902.404	<ul style="list-style-type: none"> · 3 French / UTE socket outlets, child-proof, black, set at 45° · Painted in stainless steel
	902.406	<ul style="list-style-type: none"> · 2 UK 3.15A individually fused, child-proof, black, set at 45° · Painted in stainless steel
	902.408	<ul style="list-style-type: none"> · 3 Swiss / CH T13 socket outlets, black, set at 90° · Painted in stainless steel

* No storage type

DESK 2 power strips, empty

Art. no. | Version

1 x custom module + power socket outlets **Length: approx. 204 mm**

Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm ² with GST18; incl. mounting bracket	
902.203	<ul style="list-style-type: none"> · 2 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in RAL 9010 white
902.403	<ul style="list-style-type: none"> · 2 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in stainless steel
902.206	<ul style="list-style-type: none"> · 2 UK 3.15A individually fused, child-proof, black, set at 45° · Painted in RAL 9010 white
902.406	<ul style="list-style-type: none"> · 2 UK 3.15A individually fused, child-proof, black, set at 45° · Painted in stainless steel



2 x custom modules + power socket outlets **Length: approx. 239 mm**

Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm ² with GST18; incl. mounting bracket	
902.211	<ul style="list-style-type: none"> · 2 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in RAL 9010 white
902.411	<ul style="list-style-type: none"> · 2 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in stainless steel



2 x custom modules + power socket outlets **Length: approx. 274 mm**

Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm ² with GST18; incl. mounting bracket	
902.207	<ul style="list-style-type: none"> · 2 UK 3.15A individually fused, child-proof, black, set at 45° · Painted in RAL 9010 white
902.407	<ul style="list-style-type: none"> · 2 UK 3.15A individually fused, child-proof, black, set at 45° · Painted in stainless steel



2 x custom modules + power socket outlets **Length: approx. 282 mm**

Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm ² with GST18; incl. mounting bracket	
902.201	<ul style="list-style-type: none"> · 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in RAL 9010 white
902.205	<ul style="list-style-type: none"> · 3 French / UTE socket outlets, child-proof, black, set at 45° · Painted in RAL 9010 white
902.209	<ul style="list-style-type: none"> · 3 Swiss / CH T13 socket outlets, black, set at 90° · Painted in RAL 9010 white
902.401	<ul style="list-style-type: none"> · 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in stainless steel
902.405	<ul style="list-style-type: none"> · 3 French / UTE socket outlets, child-proof, black, set at 45° · Painted in stainless steel
902.409	<ul style="list-style-type: none"> · 3 Swiss / CH T13 socket outlets, black, set at 90° · Painted in stainless steel
902.207	<ul style="list-style-type: none"> · 2 UK 3.15A individually fused, child-proof, black, set at 45° · Painted in RAL 9010 white
902.407	<ul style="list-style-type: none"> · 2 UK 3.15A individually fused, child-proof, black, set at 45° · Painted in stainless steel



3 x custom modules + power socket outlets **Length: approx. 324 mm**

Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm ² with GST18; incl. mounting bracket	
902.202	<ul style="list-style-type: none"> · 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in RAL 9010 white
902.402	<ul style="list-style-type: none"> · 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in stainless steel









DESK 2 power strips

Art. no. | Version

USB CHARGER

CUSTOM





DESK 2 with 1 x USB double charger (5.2V/2.15A), 1 x custom module + power socket outletAluminium profile; power input 0.2 m H05VV-F3G 1.5 mm² with GST 18; incl. mounting bracket

	902.228	<ul style="list-style-type: none"> · 2 socket outlets with earthing contact, child-proof, black, set at 35° · Length 239.2 mm · Painted in RAL 9010 white
	902.232	<ul style="list-style-type: none"> · 2 French / UTE socket outlets, child-proof, black, set at 45° · Length: 274.2 mm · Painted in RAL 9010 white
	902.231	<ul style="list-style-type: none"> · 2 UK 3.15A individually fused, child-proof, black, set at 45° · Length 239.2 mm · Painted in RAL 9010 white
	902.428	<ul style="list-style-type: none"> · 2 socket outlets with earthing contact, child-proof, black, set at 35° · Length 239.2 mm · Painted in stainless steel
	902.432	<ul style="list-style-type: none"> · 2 French / UTE socket outlets, child-proof, black, set at 45° · Length 239.2 mm · Painted in stainless steel
	902.431	<ul style="list-style-type: none"> · 2 UK 3.15A individually fused, child-proof, black, set at 45° · Length 274.2 mm · Painted in stainless steel

USB CHARGER

CUSTOM

DESK 2 with 1 x USB double charger (5.2V/2.15A), 2 x custom module + power socket outletAluminium profile; power input 0.2 m H05VV-F3G 1.5 mm² with GST18; incl. mounting bracket

	902.229*	<ul style="list-style-type: none"> · 2 socket outlets with earthing contact, child-proof, black, set at 35° · Length 281.7 mm · Painted in RAL 9010 white
	902.230	<ul style="list-style-type: none"> · 2 Swiss / CH T13 socket outlets, black, set at 90° · Length 281.7 mm · Painted in RAL 9010 white
	902.429*	<ul style="list-style-type: none"> · 2 socket outlets with earthing contact, child-proof, black, set at 35° · Length 281.7 mm · Painted in stainless steel
	902.430	<ul style="list-style-type: none"> · 2 Swiss / CH T13 socket outlets, black, set at 90° · Length 281.7 mm · Painted in stainless steel

* No storage type

DESK 2 power strips, equipped

Art. no.	Version
1 x custom module + power socket outlets Length: approx. 239 mm	
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm ² with GST18; incl. mounting bracket	
902.301	<ul style="list-style-type: none"> · 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in RAL 9010 white · 1 CAT6 coupling socket/socket · 1 USB A/A 3.0 keystone module · 1.5 m separate device supply cable, GST18/earth contact
902.501	<ul style="list-style-type: none"> · 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in stainless steel · 1 CAT6 coupling socket/socket · 1 USB A/A 3.0 keystone module · 1.5 m separate device supply cable, GST18/earth contact



Art. no.	Version
2 x custom modules + power socket outlets Length: approx. 282 mm	
Aluminium profile; power input: 0.2 m H05VV-F3G 1.5 mm ² with GST18; incl. mounting bracket	
902.302	<ul style="list-style-type: none"> · 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in RAL 9010 white · 2 CAT6 coupling socket/socket · 1 USB A/A 3.0 keystone module · 1 HDMI keystone socket/socket · 1.5 m separate device supply cable, GST18/earth contact
902.502	<ul style="list-style-type: none"> · 3 socket outlets with earthing contact, child-proof, black, set at 35° · Painted in stainless steel · 2 CAT6 coupling socket/socket · 1 USB A/A 3.0 keystone module · 1 HDMI keystone socket/socket · 1.5 m separate device supply cable, GST18/earth contact



Accessories

Art. no.	Version
DESK 2 cable management	
Covered cabling to the underside of desk or table edge	
918.106	Plastic, painted in RAL 9010 white
918.107	Plastic, painted in stainless steel



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

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

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

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

STEP delivers individual tailor-made solutions meeting all the requirements of modern power and data supply.

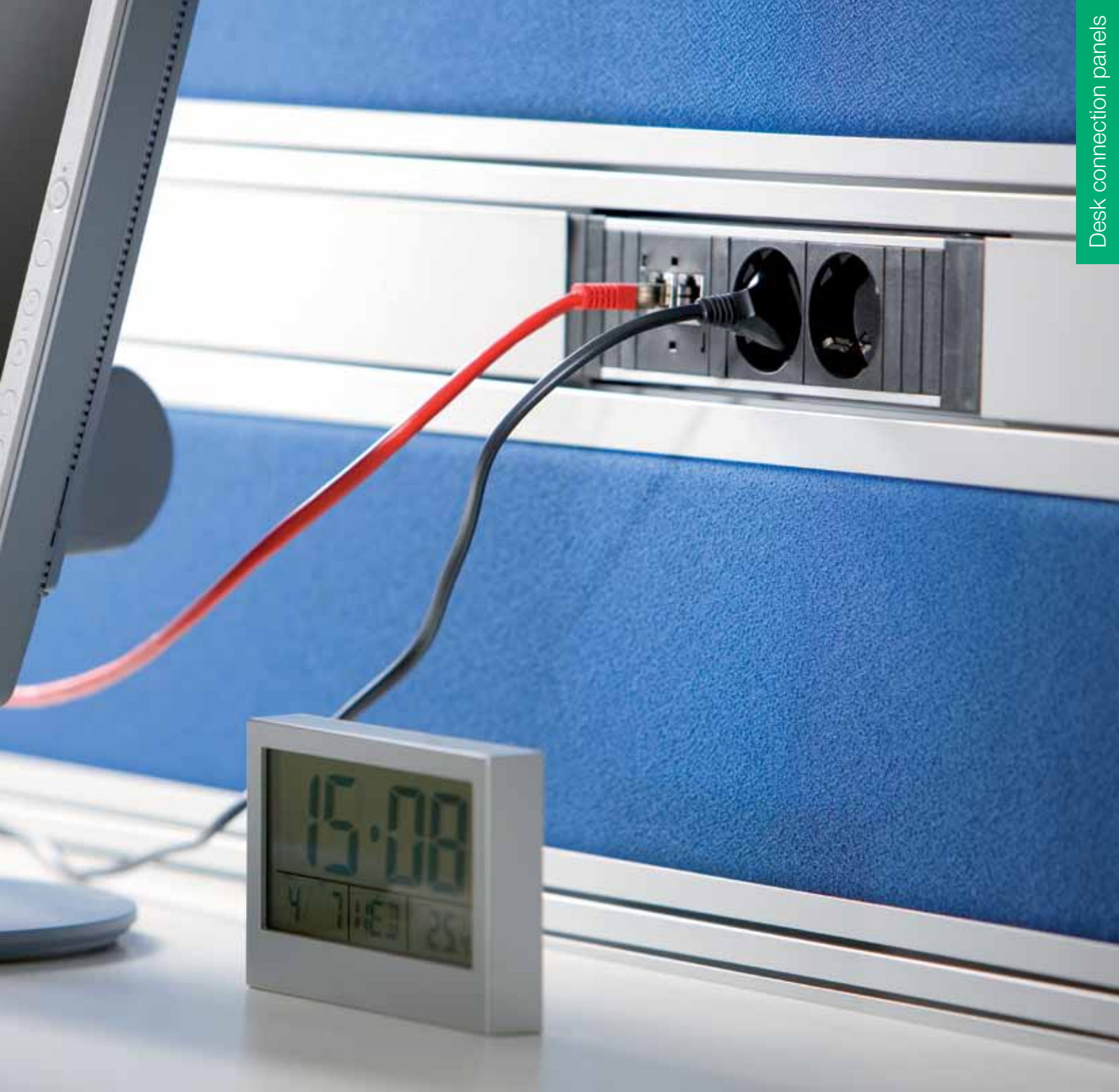
Short: Fit for the future – step by step.

The advantages at a glance

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



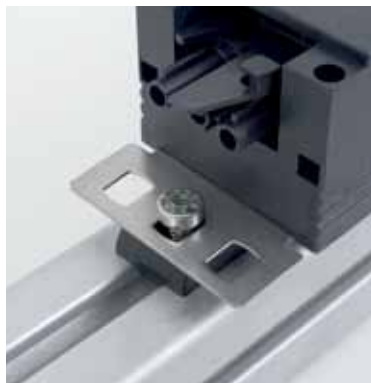
STEP is ideal for the flexible delivery of power and data to workstations, partition systems, false floors and other connection types.



STEP

Fit for the future – step by step

STEP – the all-round system designed for expansion.



Perfectly tailored for the best connections

The STEP power strip is available with an aluminium or plastic profile. It is possible to connect multiple power strips together to form a modular system.

STEP is designed primarily as a simple electricity supply unit for office workstations. Permanently positioned 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. The Wieland GST18 plug connectors fitted are particularly tried-and-tested solutions for office use and have the coding and latch mechanism required to comply with the applicable standard.



Multiple fixing options

STEP power strips are versatile in their application. They can be fitted for example under table/desk tops, in cable ducts and in partitions. Different fixing options are available to suit these various applications (see from page 53).



STEP combination options

You can plug separate modules together or combine them as you wish with a connecting cable. Thus STEP gives you your own custom power distribution system.

Other plug-in connection systems (e.g. Wago Winsta, Woertz, Ensto) can be supplied on request.

See glossary for country-specific information

Power cables and custom modules are available separately

Art. no. | Version

STEP BASE: Power socket outlets Length: approx. 220 mm

Plastic profile; power input: GST18 / power output: GST18	
336.600	· 3 socket outlets with earthing contact, child-proof, black, set at 35°
336.601	· 3 socket outlets with earthing contact, child-proof, red, set at 35°
336.603	· 3 French / UTE socket outlets, child-proof, black, set at 35°
906.1306	· 2 UK 3.15A individually fused, child-proof, black, set at 45°
906.0059	· 2 UK 3.15A individually fused, child-proof, black, set at 45°, 2 switches
906.0055	· 4 UK 3.15A individually fused, child-proof, black, set at 45°
906.0060	· 4 UK 3.15A individually fused, child-proof, black, set at 45°, 1 switch



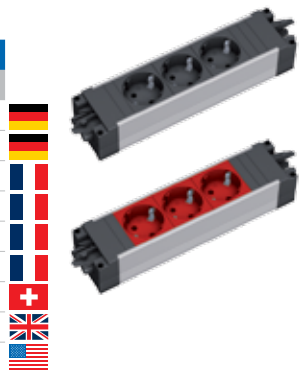
STEP BASE: Power socket outlets Length: approx. 262.5 mm

Plastic profile; power input: GST18 / power output: GST18	
336.604	· 4 socket outlets with earthing contact, child-proof, black, set at 35°
336.606	· 4 French / UTE socket outlets, child-proof, black, set at 35°



STEP ALU: Power socket outlets Length: approx. 220 mm (note special lengths)

Aluminium profile; power input: GST18 / power output: GST18	
336.039	· 3 socket outlets with earthing contact, child-proof, black, set at 35°
336.067	· 3 socket outlets with earthing contact, child-proof, red, set at 35°
906.1075	· 3 French / UTE socket outlets, child-proof, black, set at 35°, length 220 mm
336.046	· 4 French / UTE socket outlets, child-proof, black, set at 35°, length 262.5 mm
336.072	· 3 French / UTE socket outlets, child-proof, red IT, set at 35°
336.088	· 4 French / UTE socket outlets, child-proof, black, set at 35°, length 262.5 mm
906.1086*	· 3 Swiss / CH socket outlets, black, set at 90°
906.1059*	· 3 UK 3.15A individually fused, child-proof, black, set at 45°, length 314.5 mm
336.076	· 3 USA socket outlets, black, set at 0°, length 195 mm



STEP ALU: 1 x custom module + power socket outlets Length: approx. 220 mm

CUSTOM

Aluminium profile; power input: GST18 / power output: GST18	
906.000	· 2 socket outlets with earthing contact, child-proof, black, set at 35°
906.002	· 2 French / UTE socket outlets, child-proof, black, set at 35°
906.071	· 2 Swiss / CH socket outlets, black, set at 90°
336.079	· 2 UK 3.15A individually fused, child-proof, black, set at 45° (length 284.5 mm)



STEP ALU: 2 x custom modules + power socket outlets Length: approx. 262.5 mm

CUSTOM

Aluminium profile; power input: GST18 / power output: GST18	
906.001	· 2 socket outlets with earthing contact, black, set at 35°
906.009*	· 2 French / UTE socket outlets, child-proof, black, set at 35°
906.080*	· 2 Swiss / CH socket outlets, black, set at 90°



STEP ALU: 1 x switch + power socket outlets Length: approx. 262.5 mm

Aluminium profile; Power input: GST18 / power output: GST18	
906.003	· 3 x socket outlets with earthing contact, black, set at 35° · Switch controls sockets only (not power output)
906.031	· 3 x socket outlets with earthing contact, black, set at 35° · Switch controls both sockets and power output



STEP ALU: 1 x USB double charger (5.2V/2.15A), 1 x custom module + power socket outlets Length: approx. 262.8 mm

CUSTOM **USB CHARGER**

Aluminium profile; power input: GST18 / power output: GST18	
906.0113*	· 2 x socket outlets with earthing contact, child-proof, black, set at 35°



* No storage type

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

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

Art. no. | Version

STEP ALU overvoltage protection, GST18 Length: approx. 147 mm

Aluminium profile; power input: GST18 / power output: GST18

336.003 | · Overvoltage protection 2kV with function and fail indicator

STEP ALU overvoltage protection + mains and frequency filters, GST18 Length: approx. 220 mm

Aluminium profile; power input: GST18 / power output: GST18

336.004 | · Overvoltage protection 2kV with function and fail indicator and mains filter 30MHz

STEP ALU MCB, GST18 Length: approx. 220 mm

Aluminium profile; power input: GST18 / power output: GST18

336.015 | · Miniature circuit-breaker 16A, 2-pole
· Characteristic B

STEP ALU RCD, GST18 Length: approx. 220 mm

Aluminium profile; power input: GST18 / power output: GST18

336.014 | · Residual current device 16A, tripping current 30mA, response time 30ms, 2-pole

STEP ALU RCD, GST18 Length: approx. 220 mm

Aluminium profile; power input: GST18 / power output: GST18

906.067 | · Residual current device, 16A, tripping current 10 mA, response time 30 ms, 2-pole
· Power input: GST18i3 plug, power output: GST18i3 socket;

STEP ALU RCD / MCB, GST18 Length: approx. 220 mm

Aluminium profile; power input: GST18 / power output: GST18

336.065 | · Combined RCD/MCB comprising:
- Residual current device 16A, tripping current 30mA, response time 30ms, 2-pole
- Miniature circuit-breaker 16A rated current, 400 V, 2-pole
· Characteristic B; 6kA

STEP ALU master & slave, GST18 Length: approx. 220 mm

Aluminium profile; power input: GST18 / power output: GST18

336.006 | · Master & slave circuit with threshold value setting 10W and higher
· Effective power: 0.29 W / apparent power: 1.05 W

STEP ALU automatic switchoff Length: approx. 263 mm

Aluminium profile; power input: GST18 / power output: GST18

906.005 | · 1 x automatic switchoff device with socket
· 1 x button connection with 0.5 m cable and connector for linking to module 917.060



STEP accessories

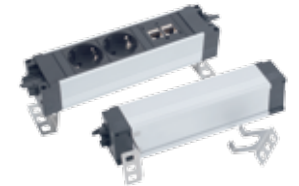
Art. no. | Version

Mounting accessories

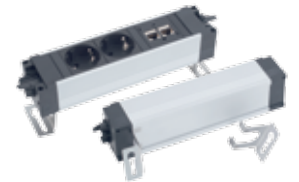
- 375.502 · Contents:
- 4 screws 2.9 x 30 mm
 - 2 end cap cover strips to provide a visual finish (fitted on the end caps where two strips are linked together)
 - 1 joint cover
 - 1 end cap for power output socket

**Stainless steel mounting bracket**

- 940.096 · For insertion into the rear of a STEP profile
- Ideal for use with power strips with data connections
 - 2 item

**Stainless steel mounting bracket with elongated hole**

- 940.024 · For insertion into the rear of a STEP profile
- With elongated hole (keyhole) for screwing into place, ideal for use with power strips with data connections
 - 1 item left, 1 item right

**Stainless steel mounting plate, flat**

- 940.097 · For insertion into the rear of a STEP profile
- For screw fixing e.g. under a desk or table
 - 2 items, packaged in plastic bag

**STEP cover plates**

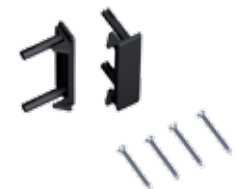
- 375.529 · Fit over the end caps of STEP power strips
- Visual finish
 - Black plastic
 - 2 items, packaged in plastic bag

**Sheet steel mounting plate**

- 940.108 · For insertion into rear of STEP profile
- Tightening the nut on the threaded screw fixes the power strip in place
 - Contents:
 - 1 mounting plate incl. M5 screw, washer and nut

**STEP plastic mounting clip**

- 918.025 · For mounting STEP BASE and STEP ALU power strips in suitable cut-outs in sheet steel (thickness 2.0 mm)
- Contents: 2 plastic mounting clips, 4 screws 2.9 x 30 mm
 - Drawings for the required cut-outs can be requested if required.

**Earthed power supply cable to STEP unit, see Accessories section**

- Pre-assembled power supply cables with integrated earth connection
- Earthing of the power strip is independent of the installation
- Ideal in combination with STEP power strips (see from page 55)



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

Now Bachmann also offers this flexibility for 10" and 19" panel installations. The standard custom modules facilitate optimal configuration for every media and network connection requirement. Here also, socket/socket or screw-terminal connections provide great simplicity of installation.

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

The advantages at a glance

- Flexibly interchangeable modules
- For data, video and audio connections
- Can be used in facility systems, rack systems and electrical installations
- Integration with the switch ranges of leading manufacturers
- Easy to connect via socket/socket or screw-terminal connections



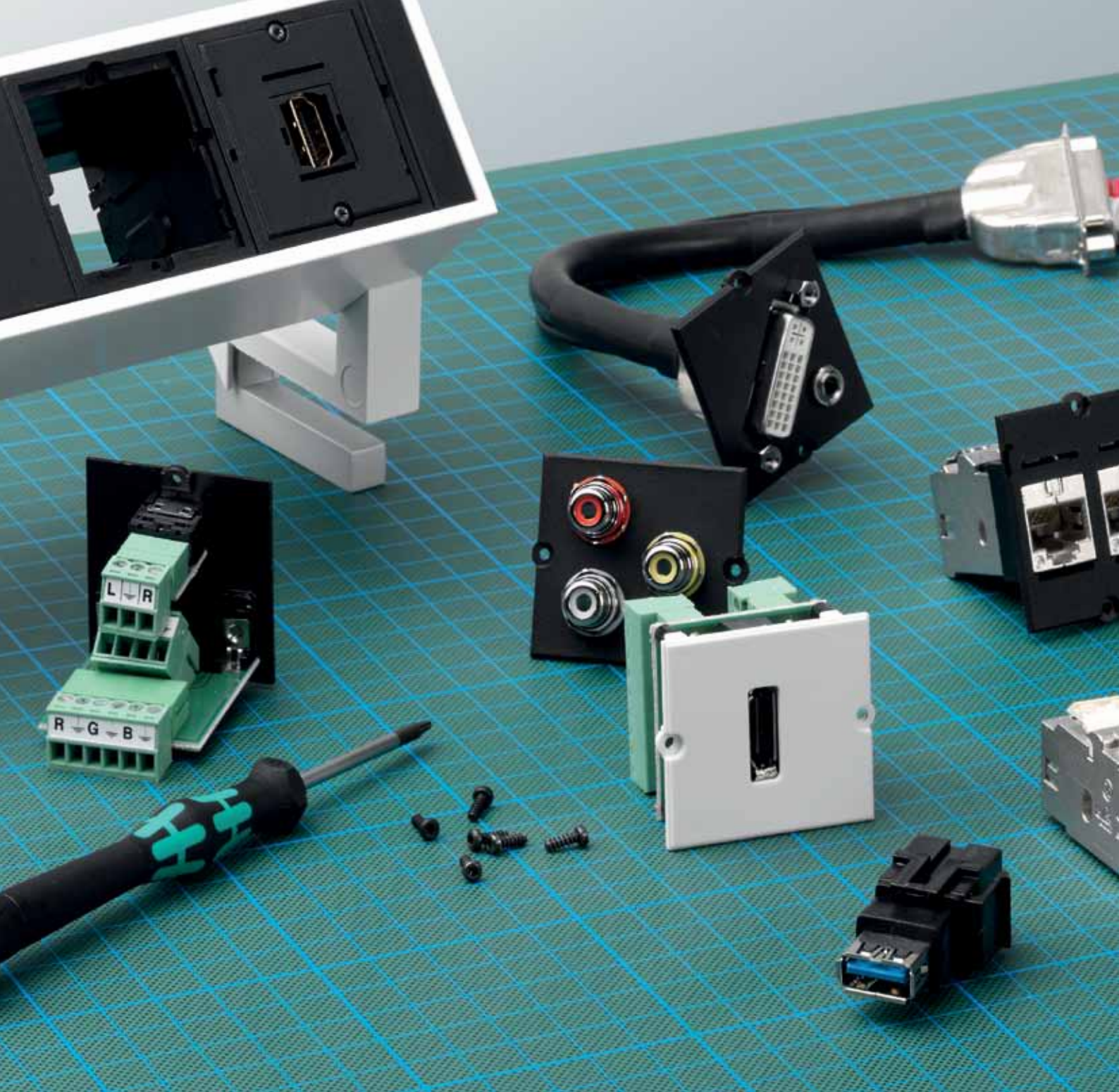
Power strips



19" and 10" media racks



Electrical installations



CUSTOM MODULES

As versatile as your applications



The empty chassis^① of Bachmann Facility systems accommodates the custom modules^②, which are fixed in place with two Torx screws^③. The custom modules can be easily exchanged by loosening the screws.

Custom modules in facility systems



Individual configuration

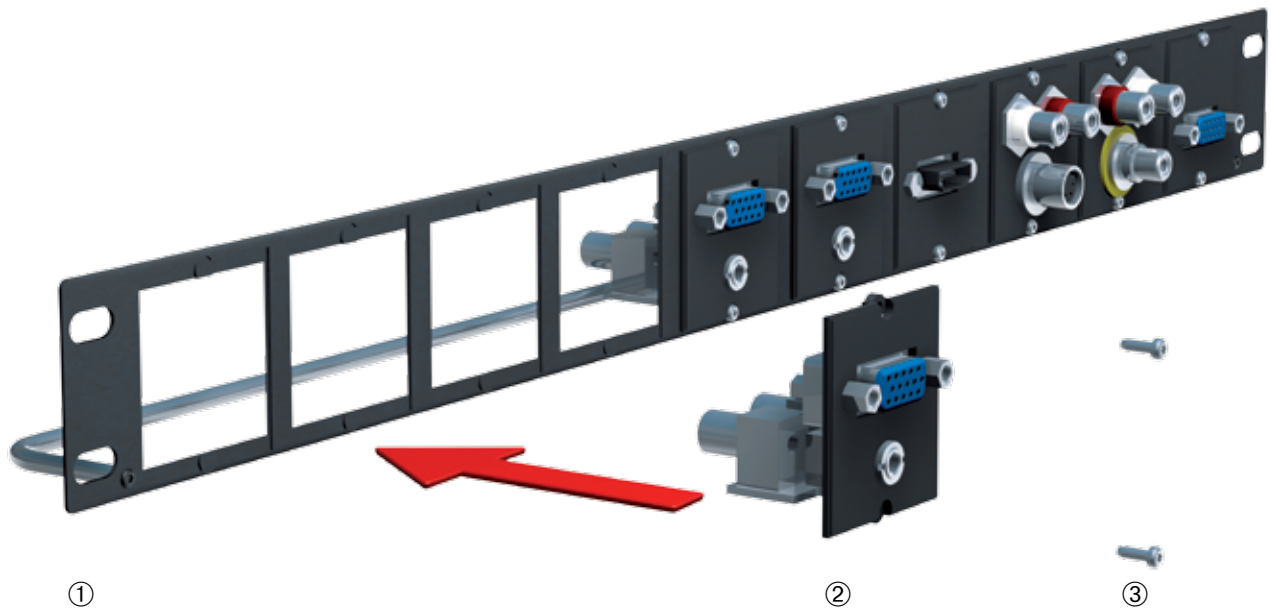
Modern technology and strong ideas are at the heart of each and every Bachmann facility system. With expansion-compatible multiple-socket outlets and facility custom modules for individual configuration, these systems provide the ideal basis for setting up flexible connections. Practical units provide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



The greatest flexibility – prepared for the future

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

■ Compatible with Bachmann facility systems

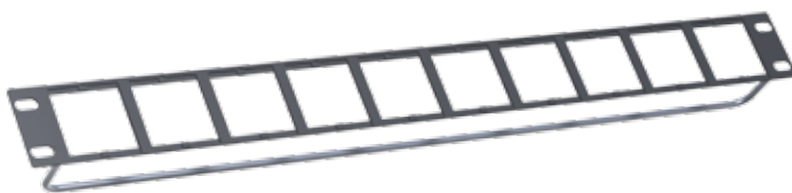


Our 19" and 10" racks^① accept custom modules^②, which are simply inserted and screwed in. System integration is made easy with the open design and socket/socket or screw-terminal custom modules.

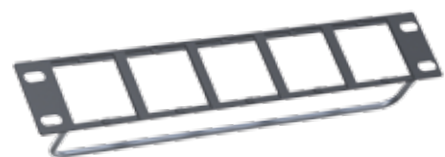
Custom modules in rack installations

Full integration of media and network technologies


The 19" and 10" panels offer simple and flexible integration of media and network technologies into your rack system. The custom modules, easily screwed into place (Torx M2 screws^③ included with the panels) enable you to respond to changes in system requirements at any time. Socket/socket and screw-terminal technology offers a compact and clearly arranged installation. The panels are particularly economical on space, requiring only one height unit (44.5 mm).

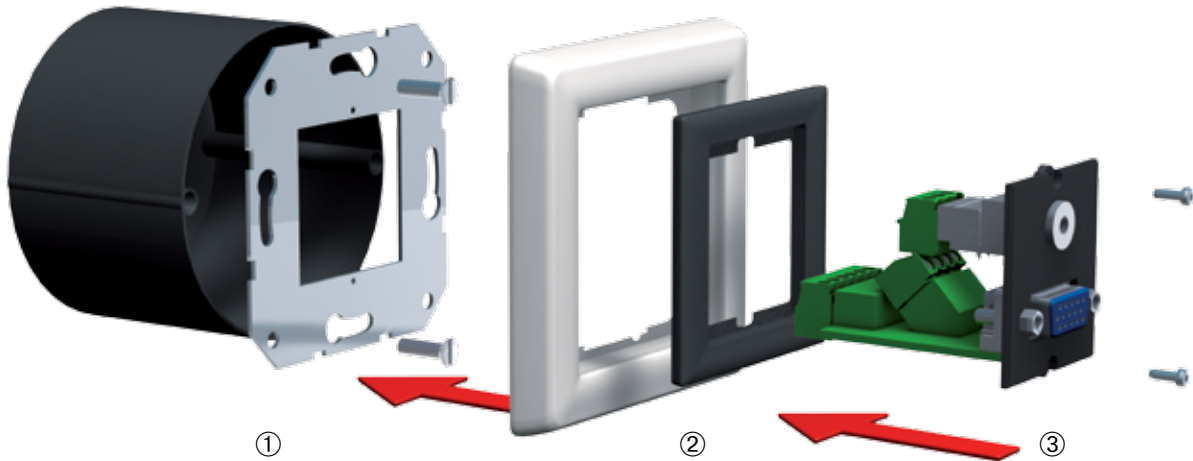


903.000 Bachmann 19" panel, 1 U, with strain-relief bar, accepts 10 custom modules (screws for mounting the modules included)



903.001 Bachmann 10" panel, 1 U, with strain-relief bar, accepts 5 custom modules (screws for mounting the modules included)

 Compatible with Bachmann IT rack panel



Using a mounting plate^① and adapter frame^② (see page 66), custom modules^③ can be installed in a switch box.

Custom modules in electrical installations

Unlimited installation options

The addition of a few extra components opens up whole new possibilities for electrical installations. Installed in either a switch box or sill-type trunking, the extensive range of custom modules allows the easy integration of audio, video and data networks. By using the 50 x 50 mm and 55 x 55 mm adapter frames available as standard, the custom modules form an optimal complement to the current switch ranges of reputable manufacturers. The connections to the rear can be made either as socket/socket or via screw terminals. No complicated soldering or cabling is required. A compatibility list of custom modules to the switch ranges of various manufacturers can be found on page 64 onwards.



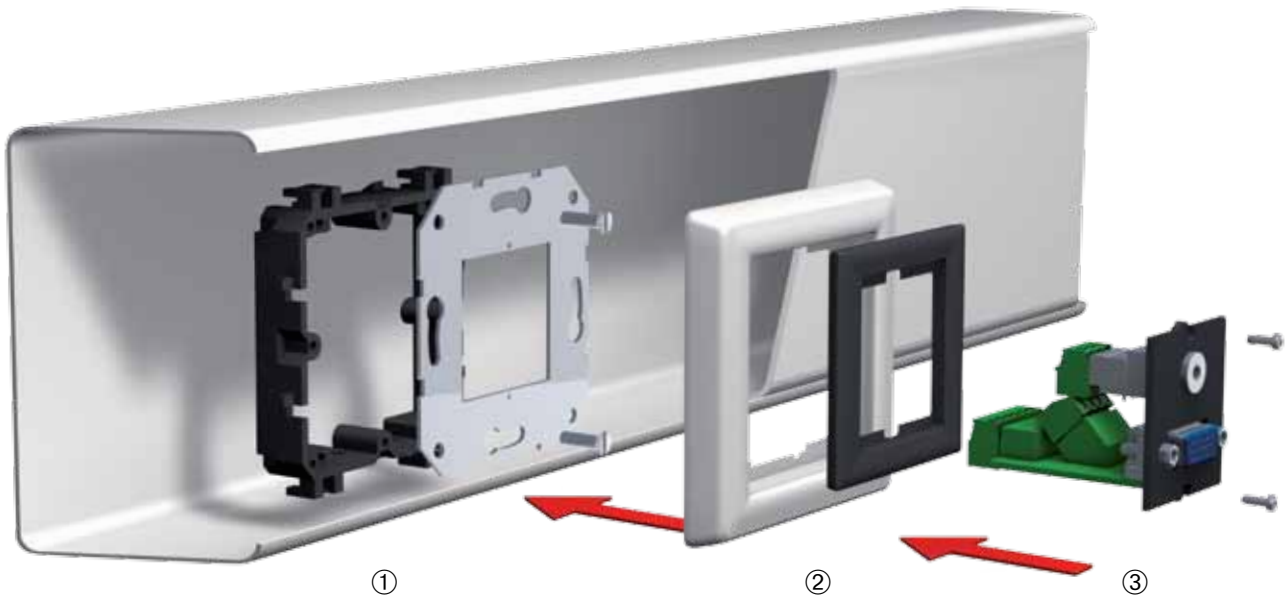
917.064 mounting plate
(Suitable Torx M2 screws included)



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

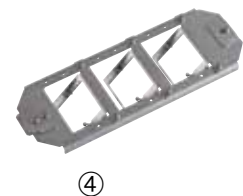


Example of mounting box for trunking
You can obtain various mounting or device boxes from trunking manufacturers



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

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



■ Compatible with Bachmann electrical installations

Manufacturer*	Switch range*	Bachmann Adapter frame** Colour black	Bachmann Adapter frame** Colour white	+ Adapter manufacturer number
Berker	S.1	917.066	917.169	–
	B.1	917.066	917.169	–
	B.3	917.066	917.169	–
	B.7 Glass	917.066	917.169	–
	K.1	917.065	917.168	11087124 11087106 11087109 11087102
	K.5	917.065	917.168	11.087.104
	Arsys	917.065	917.168	11080101 11089104 11089111 11080169 11080102
	Module 2	917.065	917.168	114309 114302
Busch-Jaeger	carat	917.065	917.168	1746/10-81 1746/10-82 1746/10-84
	pure stainless steel	917.065	917.168	1746/10-866
	pulse	917.065	917.168	1746/10-71 1746/10-72 1746/10-74 1746/10-79 1746/10-777 1746/10-783
	solo	917.065	917.168	1746/10-82 1746/10-84 1746/10-85 1746/10-86 1746/10-87 1746/10-88 1746/10-803 1746/10-815
	Busch-axcent	917.065	917.168	1746/10-84
	future	917.065	917.168	1746/10-82 1746/10-84 1746/10-85 1746/10-89
	Future linear	917.065	917.168	1746/10-81 1746/10-82 1746/10-83 1746/10-84 1746/10-89
EGB	Elegant Standard	917.065	917.168	143.090.045
ELSO	JOY	917.065	917.168	363080 363084
	RIVA	917.065	917.168	203080 203084 2030831 2030811 2030819
	RIVA	917.066	917.169	203160 203164 2031611 2031619
	SCALA	917.065	917.168	203080 203084 2030811 2030819
	SCALA	917.066	917.169	203160 203164 2031611 2031619
	FASHION	917.065	917.168	203080 203084 203081 2030812 203082 2030831 203086 203089 2030844
	FASHION	917.066	917.169	203160 203164 203160D
	NOVIA	917.066	917.169	284800 284804
	NOVIA	917.065	917.168	283160 283164 2831631 2831612 283166 283169 2.831.611
	CLASSIC	917.065	917.168	303110 303111
Gira	Standard 55	917.066	917.169	–
	E2	917.066	917.169	–
	Event	917.066	917.169	–
	Esprit	917.066	917.169	–
	E22	917.066	917.169	0.289.202
	Stainless steel series 20 / 21	917.066	917.169	028.920
	TX_44	917.066	917.169	028966 028967 028965
	Large-area switch	917.066	917.169	0289111 0289112
S-Color	917.065	917.168	028240 028242 028243 028246 028247	
Jäger	Opus	917.065	917.168	560.050.02
Jung	AS 500	917.066	917.169	–
	AS Universal	917.066	917.169	–
	A 500	917.066	917.169	–
	A plus	917.066	917.169	–
	A creation	917.066	917.169	–
	LS-design	917.066	917.169	AL2961Z5-L ES2961Z5-L
	LS 990	917.066	917.169	LS961Z5WW LS961Z5SW LS961Z5AL
	LS plus	917.066	917.169	AL2961Z5-L ES2961Z5-L

* Name and product designation of manufacturer

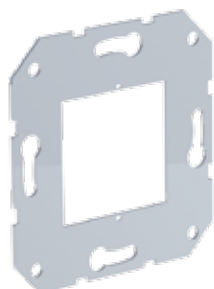
** Also order the appropriate Bachmann adapter frame for fitting in the switch range.

Manufacturer*	Switch range*	Bachmann Adapter frame** Colour black	Bachmann Adapter frame** Colour white	+ Adapter manufacturer number
Jung	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
	Merten	1-M	917.066	917.169
ATELIER-M		917.066	917.169	–
M-SMART		917.066	917.169	–
M-PLAN		917.066	917.169	–
M-PLAN GLASS		917.066	917.169	–
M-PLAN Metal		917.066	917.169	–
M-PLAN II		917.066	917.169	–
M-ARC		917.066	917.169	–
M-STAR		917.066	917.169	–
ARTEC		917.065	917.168	516094 516099
AQUADESIGN		917.065	917.168	518344 518319 518314 518360
PEHA		Standard	917.066	917.169
	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
POPP	FOREVER	917.065	917.168	729828 729811
	PALLAS	917.065	917.168	729842 729866 729859
	ARCADA	917.065	917.168	–
Presto-Vedder	Regina classic	917.065	917.168	730RW 730RUW
	Alessa	917.065	917.168	230RUW
	Alessa plus	917.065	917.168	230RUW
	Fiorena	917.065	917.168	3030RUW 3030RW 3030RSI 3030RSGR
Siemens	DELTA line	917.065	917.168	5TG2557 5TG2587 5TG1160 5TG1150
	DELTA vita	917.065	917.168	5TG2557 5TG1160 5TG1150
	DELTA miro	917.065	917.168	5TG2557 5TG2587 5TG1160 5TG1150
	DELTA style	917.065	917.168	5TG1326 5TG1326-1 5TG1366
	DELTA style	917.066	917.169	5TG1327 5TG1327-1 5TG1367
	DELTA profile	917.065	917.168	5TG1806 5TG1866 5TG1766 5TG1836 5TG1706-1 5TG1746-1
	DELTA profile	917.066	917.169	5TG1893 5TG1885 5TG1762 5TG1835 5TG1705-1 5TG1745-1

* Name and product designation of manufacturer

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

Switch range



Art. no. | Version

Custom module mounting plate for switch range**Stainless steel**

- | | |
|---------|---|
| 917.064 | <ul style="list-style-type: none"> · Stainless steel mounting plate suitable for conventional devices, for flush-mounted, cavity and device boxes for trunking · Incl. 2 Torx M2 screws · For trunking an additional mounting box is required (see manufacturer's range) |
|---------|---|

**Adapter frame for switch range****Plastic**

- | | |
|---------|---|
| 917.065 | <ul style="list-style-type: none"> · 50 x 50 mm · Black · Fits into conventional switch ranges (50 x 50 mm internal dimensions) in conjunction with the stainless steel mounting plate 917.064. Please check the compatibility list from page 64 |
|---------|---|

**Adapter frame for switch range****Plastic**

- | | |
|---------|--|
| 917.168 | <ul style="list-style-type: none"> · 50 x 50 mm · White RAL 9010 · Fits into conventional switch ranges (50 x 50 mm internal dimensions) in conjunction with the stainless steel mounting plate 917.064. Please check the compatibility list from page 64 |
|---------|--|

**Adapter frame for switch range****Plastic**

- | | |
|---------|---|
| 917.066 | <ul style="list-style-type: none"> · 55 x 55 mm · Black · Fits into conventional switch ranges (55 x 55 mm internal dimensions) in conjunction with the stainless steel mounting plate 917.064. Please check the compatibility list from page 64 |
|---------|---|

**Adapter frame for switch range****Plastic**

- | | |
|---------|--|
| 917.169 | <ul style="list-style-type: none"> · 55 x 55 mm · White RAL 9010 · Fits into conventional switch ranges (55 x 55 mm internal dimensions) in conjunction with the stainless steel mounting plate 917.064. Please check the compatibility list from page 64 |
|---------|--|

Floor boxes

Art. no. | Version

Floor box mounting 2 x sheet steel
 2 x custom modules

- 917.068 |
- For fitting in OBO Bettermann device case/floor-box systems
 - Accepts 2 custom modules (transverse mounting)
 - Incl. Torx M2 screws



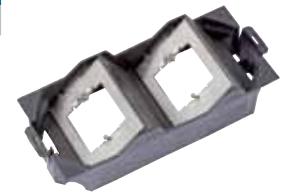
Floor box mounting 3 x sheet steel
 3 x custom modules

- 917.067 |
- For fitting in OBO Bettermann device case/floor-box systems
 - Accepts 3 custom modules (transverse mounting)
 - Incl. Torx M2 screws



Floor box mounting 2 x black plastic
 2 x custom modules

- 917.139 |
- Mounting for Electraplan floor boxes
 - Accepts 2 custom modules (transverse mounting)
 - Incl. Torx M2 screws for custom modules



Floor box mounting 3 x black plastic
 3 x custom modules

- 917.140 |
- Mounting for Electraplan floor boxes
 - Accepts 3 custom modules (transverse mounting)
 - Incl. Torx M2 screws for custom modules



Media racks/IT panels

Art. no. | Version

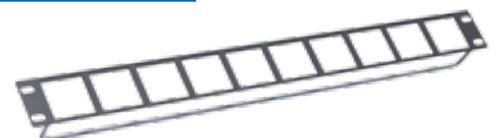
10" custom module panel 1 U Black anodised aluminium

- 903.001 |
- Accepts up to 5 custom modules
 - Incl. fixing accessories and Torx M2 screws



19" custom module panel 1 U Black anodised aluminium

- 903.000 |
- Accepts up to 10 custom modules
 - Incl. fixing accessories and Torx M2 screws



Modules for data connections

· All modules are supplied with 2 Torx T6 screws.



Art. no. | Version

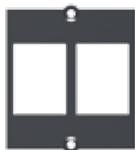
Module 2 x keystone

- | | |
|---------|---|
| 917.000 | · Module, black, accepts 2 data sockets with keystone fitting |
| | · Suitable for the data sockets listed below |
| 917.158 | · Module, white, accepts 2 data sockets with keystone fixing |
| | · Suitable for the data sockets listed below |



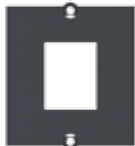
Module 1 x keystone

- | | |
|---------|--|
| 917.001 | · Module, black, accepts 1 data socket with keystone fitting |
| | · Suitable for the data sockets listed below |
| 917.159 | · Module, white, accepts 1 data socket with keystone fixing |
| | · Suitable for the data sockets listed below |



2 x keystone modules with metal holder

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



Module 1 x keystone with metal holder

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

BTR**

- E-DAT module CAT6a 8(8)
- E-DAT module coupling 8(8) CAT6

DAETWYLER**

- unilan MS 1 / 8 CAT6 RJ45
- unilan RJ45 feedthrough coupling CAT6
- unilan MU 1 / 8 CAT6 RJ45

KERPEN**

- VarioKeystone RJ45 socket module



Module 2 x BTR E-DAT module CAT6

- | | |
|---------|--|
| 917.038 | · Module with cut-out and mounting module for 2 x BTR E-DAT module CAT6 (not included) |
| | · Also suitable for Daetwyler Unilan module MS 1-8 |



Module 1 x BTR E-DAT module CAT6

- | | |
|---------|--|
| 917.006 | · Module with cut-out and mounting module for 1 x BTR E-DAT module CAT6 (not included) |
| | · Also suitable for Daetwyler Unilan module MS 1-8 |



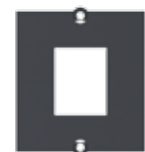
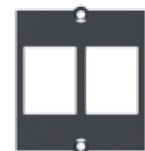
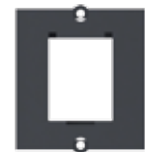
Module 1 x Systimax CAT6

- | | |
|---------|--|
| 917.003 | · Module with cut-out and mounting plate for 1 x Systimax CAT6 MGS500 and MGS400 series (not included) |
| | |

Modules for data connections

· All modules are supplied with 2 Torx T6 screws.

Art. no.	Version	
Module 1 x RDM CAT6		
917.005		<ul style="list-style-type: none"> · Module with cut-out and mounting plate (black) for 1 x Reichle de Masari (RDM) CAT6 (not included)
Module 1 x BKS		
917.153		<ul style="list-style-type: none"> · Module with cut-out for BKS (RJ, RJ250, RJUTP, RJpro and MMC3000pro) data connections in conjunction with mounting clip 403-7540xx (not included). · Also suitable for Kerpen ELine 1200 C7 socket in conjunction with ELine EC7 adapter clip LKD9ZE300210000 (not included).
Module Nexans 2 x		
917.052		<ul style="list-style-type: none"> · Module, black, with cut-out for 2 x Nexans LANmark-6 CAT6 (can be clipped in with Nexans keystone clip) · Data socket and keystone clip available separately
Module Nexans 1 x		
917.051		<ul style="list-style-type: none"> · Module, black, with cut-out for 1 x Nexans LANmark-6 CAT6 (can be clipped in with Nexans keystone clip) · Data socket and keystone clip available separately
Module 1 x Panduit CAT6		
917.007		<ul style="list-style-type: none"> · Module with cut-out and mounting plate (black) for 1 x Panduit CAT6 (not included)
Module 1 x Corning CAT6		
917.002		<ul style="list-style-type: none"> · Module with cut-out and mounting plate (black) for 1 x Tera CAT6 S250 (not included) · Suitable for the following Corning modules: S50 0 module / CAXASM-00104-C001, S500 fx / CAXASM-00104-C002, S10 ten / CAXTSM-00112-C001, S10 ten fx / CAXTSM-00112-C004, S250 module / CAXESM-00100-C001, S250 fx / CAXESM-00100-C004, S100 eL / CAXGSM-00100-C001, S100 e / CAXDSM-00100-C001
Module 2 x CAT7 Tera		
917.039		<ul style="list-style-type: none"> · Module with cut-out and mounting plate (black) for 2 x Tera CAT7 (not included) · DAETWYLER unilan PS 1/8 CAT7, CORNING S1200 module S1200 shielded CAT7 +
Module 1 x CAT7 Tera		
917.008		<ul style="list-style-type: none"> · Module with cut-out and mounting plate (black) for 1 x Tera CAT7 (not included) · DAETWYLER unilan PS 1/8 CAT7, CORNING S1200 module S1200 shielded CAT7 +



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

Suitable data cables can be found in the accessories

Socket/socket

Art. no. | Version



CAT6 coupling socket/socket

940.044 | · Type: BTR E-DAT
· Front: RJ45 (keystone fixing), rear: RJ45 (E-DAT mounting)
· Shielded



CAT6 coupling / socket/socket

940.083 | · Front: RJ45 (keystone fixing), rear: RJ45 (keystone fixing)
· Shielded



CAT6 coupling socket/socket

940.112 | · Front: RJ45 (keystone fixing), rear: RJ45 (keystone fixing)
· Unshielded



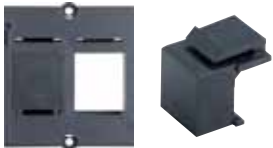
CAT5e coupling socket/socket

940.057 | · Front: RJ45 (keystone fixing), rear: RJ45 (keystone fixing)
· Shielded



ISDN RJ12 socket/socket

940.085 | · Front: RJ 12 (Keystone fixing), rear: RJ 12 (Keystone fixing)
· Unshielded



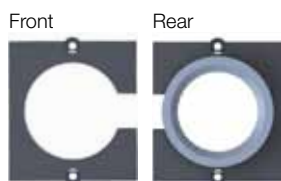
Keystone socket cover

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



Module 1 x data cable feedthrough

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






Module 1 x VGA cable feedthrough

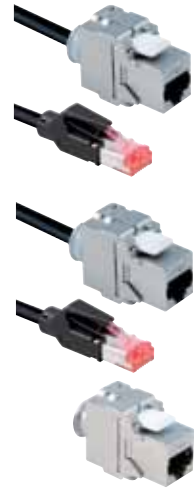
917.033 | · 1 x 2-part cable bushing, ideal for routing VGA cables; without cable.
· Suits cables up to 24 mm in diameter




■ FACILITY SYSTEMS ■ IT RACK PANEL ■ ELECTRICAL INSTALLATIONS

Socket/supply cable






Art. no.	Version
CAT6a 10GB patch cable plug/socket 3.0 m	
918.033	<ul style="list-style-type: none"> · Front: Socket RJ45 CAT6a TKM 10GB · Cable, black, with RJ45 plug
	<ul style="list-style-type: none"> · Shielded
CAT6a 10GB patch cable plug/socket 5.0 m	
918.034	<ul style="list-style-type: none"> · Front: Socket RJ45 CAT6a TKM 10GB · Cable, black, with RJ45 plug
	<ul style="list-style-type: none"> · Shielded
CAT6a 10GB socket TKM	
918.035	<ul style="list-style-type: none"> · CAT6 connector socket TKM 10GB · Without cable (designed for tool-free connection of data cable)
	<ul style="list-style-type: none"> · Shielded



RJ 45 shutter	
930.143	<ul style="list-style-type: none"> · Cover for keystone custom module · Does not require tools · Suitable for custom modules 917.000/917.001/917.051/917.052 · With paper labelling strips · Universally suits 1 and 2 data connections
	<ul style="list-style-type: none"> · Ideal as dust cover for data socket contacts when not in use



OWG connections

Art. no.	Version
OWG-LC duplex keystone	
918.071	<ul style="list-style-type: none"> · OWG-LC duplex coupler
	<ul style="list-style-type: none"> · Keystone fixing
OWG-ST duplex keystone	
918.073	<ul style="list-style-type: none"> · OWG-ST duplex coupler
	<ul style="list-style-type: none"> · Keystone fixing
TOSLINK Keystone	
918.045	<ul style="list-style-type: none"> · TOSLINK optic fibre audio coupler
	<ul style="list-style-type: none"> · Keystone fixing
OWG-SC keystone	
918.072	<ul style="list-style-type: none"> · OWG-SC coupler
	<ul style="list-style-type: none"> · Keystone fixing
OWG-MT-RJ Keystone	
918.074	<ul style="list-style-type: none"> · OWG-MT-RJ Keystone
	<ul style="list-style-type: none"> · Keystone fixing



Manufacturer	917.000	917.001	917.061	917.062	917.038	917.006	917.003	917.002	917.051	917.052	917.053	917.008	917.038	917.007	917.005
Bachmann Versions															
CAT6 coupling, shielded 940.044	x	x			x	x									
CAT6 coupling, unshielded 940.112	x	x	x	x											
CAT5e coupling 940.057	x	x	x	x											
ISDN RJ12 socket unshielded	x	x	x	x											
CAT6a 10GB socket TKM, shielded, for automatic telephone 918.035	x	x	x	x											
CAT6a 10GB socket TKM, shielded, with 3.0 m cable and RJ45 plug / 918.033	x	x	x	x											
CAT6a 10GB socket TKM, shielded, with 5.0 m cable and RJ45 plug / 918.034	x	x	x	x											
Socket cover / blank cover Keystone black / 917.057	x	x	x	x											
RJ45 shutter / 930.143	x	x													
OWG – LC duplex Keystone / 918.071	x	x	x	x											
OWG-SC Keystone / 918.072	x	x	x	x											
OWG-ST Keystone / 918.073	x	x	x	x											
OWG-MT-RJ Keystone / 918.074	x	x	x	x											
TOSLINK Keystone / 918.045	x	x	x	x											
Tyco Electronics / AMP NETCONNECT*															
SL Series 110Connect jacks CAT6	X	x	x	x											
SL Series 110Connect jacks CAT5e	X	x	x	x											
SL Series 110Connect jacks CAT3	X	x	x	x											
SL Series toolless jacks CAT5e	x	x	x	x											
SL Series toolless jacks CAT3	x	x	x	x											
Modular telephone coupler RJ45 / RJ11 coupler	x	x	x	x											
AMP-TWIST-6S SL jack CAT6	x	x	x	x											
Standard 110Connect jacks CAT5e		x		x											
Standard 110Connect jacks CAT3 RJ45 / RJ11		x		x											
AMP-TWIST 6AS SL RJ45 jack	x	x	x	x											
ADC KRONE*															
KM8 RJ45 Modular Keystone shielded		x		x											
KM8 RJ45 Modular Keystone unshielded		x		x											
BELDEN*															
Giga Flex Keystone	x	x	x	x											
Giga Flex MDVO	x	x	x	x											
BKS* (can be used with mounting clip 403-7540xx (not included))															
RJ, RJ250, RJUTP, RJpro and MMC3000pro												x			

* Name and product designation of manufacturer

Manufacturer	917.000	917.001	917.061	917.062	917.038	917.006	917.003	917.002	917.051	917.052	917.053	917.008	917.038	917.007	917.005
BRAND-REX*															
10GPLUS jack shielded	x	x	x	x											
Augmented category 6 shielded tool-free jack / AC6JAKS000	x	x	x	x											
CAT5e GIGAPlus jack 110 IDC 568		x		x											
CAT6 Keystone plus		x		x											
CAT6 Keystone snap in	x	x	x	x											
CAT6 Plus		x		x											
Cat6Plus shielded module / C6CJAKS000CR	x	x	x	x											
Category 6 shielded tool-free jack 7 C6CJAKS000	x	x	x	x											
BTR*															
C6A module 180° / 130B11-E					x	x									
E-DAT module CAT6a 8(8)					x	x									
E-DAT module coupling 8(8) CAT6 1309A0-I	x	x	x	x	x	x									
E-DAT module coupling 8(8) CAT6 1309A0-I					x	x									
UTP module CAT5e / 130A08-I / 130A08-I-B1	x	x	x	x											
UAE module CAT5e unshielded 130908-	x	x	x	x											
UAE module CAT6 130909-I / 130909-I-B1					x	x									
UTP module 8 (8) CAT6 / 130A10-I / 130A10-29-I / 130A10-29-I-B1	x	x	x	x											
CIMABOX*															
CAT5e and CAT6 Keystone CJ545U / CJ545F	x	x	x	x											
Shielded and unshielded CJ645U / CJ645F	x	x	x	x											
COBINET*															
TopConnect RJ45 patch cable coupling			x	x											
RJ45 module TopKey			x	x											
CORNING*															
S10 TEN / CAXTSM-00112-C001								x							
S10 TEN fx / CAXTSM-00112-C004								x							
S100 e / CAXDSM-00100-C001								x							
S100 eL / CAXGSM-00100-C001								x							
S1200 module S1200 shielded CAT7 / CAXFSM-00100-C001												x	x		
S250 fx / CAXESM-00100-C004								x							
S250 module / CAXESM-00100-C001								x							
S500 fx / CAXASM-00104-C002								x							
S500fx module / CAXBSM-00104-C002	x	x	x	x											
S500 module / CAXBSM-00104-C001	x	x	x	x											
S500 module / CAXASM-00104-C001								x							

* Name and product designation of manufacturer

Manufacturer	917.000	917.001	917.061	917.062	917.038	917.006	917.003	917.002	917.051	917.052	917.053	917.008	917.038	917.007	917.005
DAETWYLER*															
unilan RJ45 coupling CAT6 417 446	x	x	x	x											
unilan module KS 1 / 8 CAT6 RJ45 418 050	x	x	x	x											
unilan module KS 1 / 8 CAT5e RJ45 418 051	x	x	x	x											
unilan module KST 1 / 8 toolless CAT6 RJ45 418 053	x	x	x	x											
unilan module KU 1 / 8 CAT6 418 080	x	x	x	x											
unilan module KU 1 / 8 CAT6 418 081	x	x	x	x											
unilan module KU 1 / 8 CAT5e 418 082	x	x	x	x											
unilan module KU 1 / 8 CAT5e 418 083	x	x	x	x											
unilan® module PS-GG45 7A 1000 MHz 400 102 + 400 103****		x		x											
unilan® module KS-T 6A 1/8 tool-less cat. 6A/EA, shielded 418 060	x	x	x	x											
unilan® module KS-TS 6 1/8 toolless Slimline Cat.6/EA shielded 418 054	x	x	x	x											
unilan® RJ45 Keystone coupler CAT6 / 418 057	x	x	x	x											
unilan® module KS-T5 1/8 tool-less cat. 5e, shielded / 418 055	x	x	x	x											
unilan® RJ45 module MS-K 1/8 Cat.6a shielded – modular solution 440 001	x	x	x	x											
unilan® module MS-K Plus 1/8 cat. 6A, shielded 440 004	x	x	x	x											
unilan MS 1 / 8 CAT6 RJ45					x	x									
unilan RJ45 feedthrough coupling CAT6					x	x									
unilan MU 1 / 8 CAT6 RJ45					x	x									
unilan PS 1 / 8 CAT7												x	x		
	x	x	x	x											
EFB ECOLAN*															
E-20050	x	x	x	x											
E-20051	x	x	x	x											
E-20060	x	x	x	x											
E-20061	x	x	x	x											
37.4861	x	x	x	x											
37.4881	x	x	x	x											
37.5082	x	x	x	x											
		x		x											
ERSYS*															
CAT5C-SIJ-FKey-002		x		x											
Ersys 356k-8c5e		x		x											
Ersys 628MC-8-C5E		x		x											
	x	x	x	x											
GIGAMEDIA*															
RJ45 CAT6 UTP / STP	x	x	x	x											
RJ45 CAT6 contacts 110 UTP / STP	x	x	x	x											
RJ45 CAT5e UTP / STP	x	x	x	x											
3M*															
Volition RJ45 K6 module without shielding cover*		x		x											

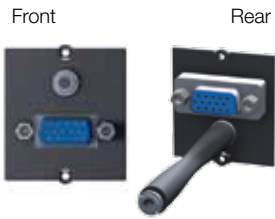
* Name and product designation of manufacturer

Manufacturer	917.000	917.001	917.061	917.062	917.038	917.006	917.003	917.002	917.051	917.052	917.053	917.008	917.038	917.007	917.005
KERPEN*															
Eline 250 MLS RJ45 shielded	x	x	x	x											
Eline 250 MLU RJ45 unshielded	x	x	x	x											
ELine 600® GG45 socket / 9ZE20001	x	x	x	x											
VarioKeystone socket module RJ45					x	x									
	x	x	x	x											
NEXANS* (requires additional Keystone clip to fit)															
LANmark-5 snap-in EVO									x	x					
LANmark-6 EVO RJ45 snap-in									x	x					
LANmark-6 10G snap-In									x	x					
LANmark-7 GG45 snap-in									x	x					
					x	x									
Panduit*															
Mini-Com® Mini-Jack™ Category 3 UTP jack modules														x	
Mini-Com® TX5e™ keyed shielded jack modules														x	
Mini-Com® Category 6 UTP coupler module														x	
Reichle de Masari*															
RDM CAT6															x
RUTENBECK*															
UM-real.cat.6a A	x	x	x	x											
	x	x	x	x											
SETEC*															
CAT6 Modular Keystone jack shielded	x	x	x	x											
SeSix eXtra Keystone jack XKJ	x	x	x	x											
SeSix Universal Keystone jack UKJ	x	x	x	x											
SeSix Modular Keystone jack MKJ	x	x	x	x											
SYSTIMAX*															
MGS500 CAT6 series								x							
MGS400 series								x							
									x						
TELEGÄRTNER*															
AMJ module K CAT6+	x	x													
AMJ coupling K CAT6	x	x													
AMJ coupling K CAT5e	x	x													
	x	x	x	x											
TKM*															
RJ-MOD – cat. 6 / 4677682	x	x	x	x											
GG45 / 4677701 (can be fitted with Keystone clip)	x	x	x	x											

* Name and product designation of manufacturer

Video and audio modules

See the glossary for detailed information on use/application



Art. no. | Version

Custom module 1 x VGA + mini audio jack **Black**

- 917.045
- Front: VGA socket and mini audio jack
 - Rear: VGA socket and mini audio jack with approx. 0.1 m cable
 - Requires approx. 70 mm installation depth



Custom module 1 x VGA + mini audio jack **Black**

- 917.071
- Front: VGA socket and mini audio jack
 - Rear: 10-pole screw terminal (VGA) and 3-pole (stereo)
 - Requires approx. 50 mm installation depth



Custom module 1 x VGA + mini audio jack **White**

- 917.160
- Front: VGA socket and mini audio jack
 - Rear: 10-pole screw terminal (VGA) and 3-pole (stereo)
 - Requires approx. 50 mm installation depth



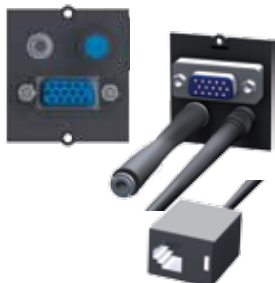
Custom module 1 x VGA + mini audio jack **Black**

- 917.073
- Front: VGA socket and mini audio jack
 - Rear: 5 x BNC socket with approx. 0.3 m cable (VGA) and 3-pole (stereo)
 - Requires approx. 50 mm installation depth



Custom module 1 x VGA + mini audio jack **Black**

- 917.150
- Front: VGA socket and mini audio jack
 - Rear: VGA + mini audio jack socket with approx. 0.2 m cable each
 - Requires approx. 50 mm installation depth

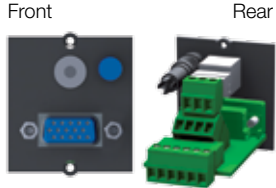




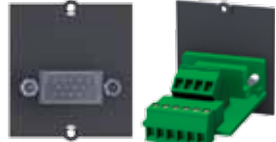


Custom module 1 x VGA + mini audio jack and button for MediaNet switch **Black**

- 917.134
- Front: VGA socket and mini audio jack + button, blue illuminated
 - Rear: VGA and mini audio jack sockets with approx. 0.1 m cable + RJ12 socket for button
 - Requires approx. 70 mm installation depth



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

Art. no.	Version	
Custom module 1 x VGA + mini audio jack and button for MediaNet switch Black		
917.074	<ul style="list-style-type: none"> · Front: VGA socket and mini audio jack + button, blue illuminated · Rear: 10-pole screw terminal (VGA) and 3-pole (stereo) + micro clamp terminal (button) · Requires approx. 50 mm installation depth 	
Custom module 1 x VGA + mini audio jack and button for MediaNet switch Black		
917.077	<ul style="list-style-type: none"> · Front: VGA socket and mini audio jack + button, blue illuminated · Rear: 5 x BNC socket with approx. 0.3 m cable (VGA) and 3-pole (stereo) + micro clamp terminal (button) · Requires approx. 50 mm installation depth 	
Custom module 1 x VGA Black		
917.011	<ul style="list-style-type: none"> · Front: VGA socket · Rear: VGA socket · Requires approx. 70 mm installation depth 	
Custom module 1 x VGA Black		
917.069	<ul style="list-style-type: none"> · Front: VGA socket · Rear: 10-pole screw terminal (VGA) · Requires approx. 50 mm installation depth 	
Custom module 1 x VGA Black		
917.070	<ul style="list-style-type: none"> · Front: VGA socket · Rear: 5 x BNC socket with approx. 0.3 m cable (VGA) · Requires approx. 35 mm installation depth 	
Custom module 1 x VGA Black		
917.072	<ul style="list-style-type: none"> · Front: VGA plug · Rear: 10-pole screw terminal (VGA) · Requires approx. 50 mm installation depth 	

Video and audio modules

See the glossary for detailed information on use/application

Front

Rear

Art. no. | Version



Custom module 1 x DVI-I + mini audio jack **Black**

- 917.021
- Front: DVI-I socket and mini audio jack
 - Rear: DVI-I socket and mini audio jack with approx. 0.1 m cable each
 - Requires approx. 75 mm installation depth



Custom module 1 x DVI-I **Black**

- 917.078
- Front: DVI-I socket
 - Rear: DVI-I socket with approx. 0.1 m cable
 - Requires approx. 75 mm installation depth



Custom module 1 x HDMI Keystone **Black**

- 918.040
- Front: HDMI socket
 - Rear: HDMI socket without cable
 - Fits into keystone frame 917.000 or 917.001
 - Requires approx. 85 mm installation depth



Custom module 1 x HDMI Keystone **Black**

- 917.143
- Front: HDMI socket
 - Rear: screw terminal 2 x 9-pole (HDMI)
 - Requires approx. 40 mm installation depth



Custom module 1 x HDMI **White**

- 917.183
- Front: HDMI socket
 - Rear: screw terminal 2 x 9-pole (HDMI)
 - Requires approx. 40 mm installation depth










Custom module 1 x display port **Black**

- 917.145
- Front: display port socket
 - Rear: display port socket, without cable
 - Requires approx. 70 mm installation depth



Video and audio modules

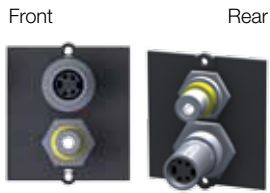
See the glossary for detailed information on use/application

Art. no.	Version	
Module 1 x video + Cinch stereo BVM-1 Black		
917.026	<ul style="list-style-type: none"> · Front: Cinch video (yellow) + Cinch stereo (red + white) socket · Rear: Cinch socket without cable 	
		
Custom module 1 x Cinch video + stereo Black		
917.085	<ul style="list-style-type: none"> · Front: Cinch video (yellow) + Cinch stereo (red + white) socket · Rear: 10-pole screw terminal (VGA) · Requires approx. 50 mm installation depth 	
		
Custom module 1 x Cinch video + stereo White		
917.161	<ul style="list-style-type: none"> · Front: Cinch video (yellow) + Cinch stereo (red + white) socket · Rear: 10-pole screw terminal (VGA) · Requires approx. 50 mm installation depth 	
		
Module 1 x VBNC + Cinch stereo Black		
917.027	<ul style="list-style-type: none"> · Front: BNC video (yellow) + Cinch stereo (red + white) socket · Rear: BNC + Cinch socket without cable 	
		
Module 1 x S-Video + Cinch stereo Black		
917.028	<ul style="list-style-type: none"> · Front: S-Video (S-VHS) + Cinch stereo (red + white) socket · Rear: S-Video + Cinch socket without cable 	
		
Custom module 1 x S-Video + Cinch stereo Black		
917.081	<ul style="list-style-type: none"> · Front: S-Video + Cinch stereo (red + white) socket · Rear: screw terminal 4-pole (S-Video) + 3-pole (stereo) · Requires approx. 30 mm installation depth 	
		
Custom module 1 x S-Video + Cinch stereo White		
917.162	<ul style="list-style-type: none"> · Front: S-Video + Cinch stereo (red + white) socket · Rear: screw terminal 4-pole (S-Video) + 3-pole (stereo) · Requires approx. 30 mm installation depth 	
		



Video and audio modules

See the glossary for detailed information on use/application



Art. no.	Version	
Module 1 x S-Video + Cinch stereo Black		
917.035	<ul style="list-style-type: none"> · Front: S-Video (S-VHS) + Cinch video (yellow) socket · Rear: S-Video + video socket without cable 	■ ■



Custom module 1 x S-Video + Cinch video Black		
917.083	<ul style="list-style-type: none"> · Front: S-Video + Cinch video (yellow) socket · Rear: screw terminal 4-pole (S-Video) + approx. 0.3 m cable with 2 x BNC (stereo) · Requires approx. 30 mm installation depth 	■ ■ ■



Custom module 1 x BNC R / G / B Black		
917.088	<ul style="list-style-type: none"> · Front: BNC socket R / G / B (red / green / blue) · Rear: screw terminal 6-pole · Requires approx. 30 mm installation depth 	■ ■ ■



Custom module 1 x BNC R / G / B Black		
917.090	<ul style="list-style-type: none"> · Front: BNC socket R / G / B (red / green / blue) · Rear: BNC socket R / G / B (red / green / blue) · Requires approx. 65 mm installation depth 	■ ■



Custom module 1 x sat / TV / radio Black		
917.030	<ul style="list-style-type: none"> · Front: F-plug connector (sat) and 2x coax (TV + radio) · Rear: F-plug connector (sat) and 2x coax (TV + radio) · Requires approx. 50 mm installation depth 	■ ■



Custom module 1 x TV / radio Black		
917.117	<ul style="list-style-type: none"> · Front: 2x coax (TV + radio) · Rear: 2x coax (TV + radio) · Requires approx. 50 mm installation depth 	■ ■



Custom module 1 x Cinch stereo Black		
917.022	<ul style="list-style-type: none"> · Front: Cinch stereo socket (red + white) · Rear: Cinch stereo (red + white) socket without cable · Requires approx. 55 mm installation depth 	■ ■

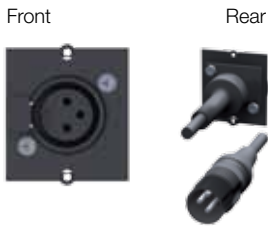
Video and audio modules

See the glossary for detailed information on use/application

Art. no.	Version		Front	Rear
Custom module 1 x Cinch stereo Black				
917.089	<ul style="list-style-type: none"> · Front: Cinch stereo socket (red + white) · Rear: 3-pole screw terminal (stereo) · Requires approx. 35 mm installation depth 			
Custom module 1 x Cinch stereo White				
917.163	<ul style="list-style-type: none"> · Front: Cinch stereo socket (red + white) · Rear: 3-pole screw terminal (stereo) · Requires approx. 35 mm installation depth 			
Custom module 1 x mini audio jack Black				
917.023	<ul style="list-style-type: none"> · Front: 3.5 mm stereo sockets (red + white) · Rear: Cinch stereo socket (red + white) · Requires approx. 65 mm installation depth 			
Custom module 1 x mini audio jack keystone Black				
917.157	<ul style="list-style-type: none"> · Front: 3.5 mm stereo socket · Rear: Mini audio jack socket with approx. 0.1 m cable · Fits into keystone frame 917.000 or 917.001 · Requires approx. 65 mm installation depth 			
Custom module 1 x mini audio jack Black				
917.091	<ul style="list-style-type: none"> · Front: 3.5 mm stereo socket · Rear: screw terminal 3-pole · Requires approx. 35 mm installation depth 			
Custom module 1 x 3.5 mm audio jack White				
917.164	<ul style="list-style-type: none"> · Front: 3.5 mm stereo socket · Rear: screw terminal 3-pole · Requires approx. 35 mm installation depth 			
Custom module 1 x 6.3 mm stereo jack Black				
917.036	<ul style="list-style-type: none"> · Front: stereo jack socket 6.3 mm · Rear: cable approx. 0.1 m with jack socket 6.3 mm · Requires approx. 65 mm installation depth 			

Audio modules

See the glossary for detailed information on use/application



Art. no.	Version	
Custom module 1 x XLR microphone 3-pole		Black
917.024	<ul style="list-style-type: none"> · Front: XLR 3-pole microphone socket · Rear: Cable approx. 0.1 m with XLR plug 3-pole · Requires approx. 65 mm installation depth 	■ ■



Custom module 1 x XLR socket 3-pole		Black
917.096	<ul style="list-style-type: none"> · Front: XLR 3-pole socket · Rear: screw terminal 3-pole · Requires approx. 40 mm installation depth 	■ ■ ■



Custom module 1 x XLR socket 3-pole		White
917.165	<ul style="list-style-type: none"> · Front: XLR 3-pole socket · Rear: screw terminal 3-pole · Requires approx. 40 mm installation depth 	■ ■ ■



Custom module 1 x XLR socket 4-pole		Black
917.099	<ul style="list-style-type: none"> · Front: XLR 4-pole socket · Rear: screw terminal 4-pole · Requires approx. 40 mm installation depth 	■ ■ ■



Custom module 1 x XLR socket 5-pole		Black
917.101	<ul style="list-style-type: none"> · Front: XLR 5-pole socket · Rear: screw terminal 5-pole · Requires approx. 40 mm installation depth 	■ ■ ■



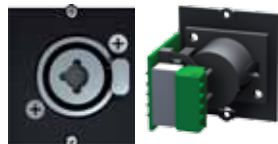
Custom module 1 x XLR plug 3-pole		Black
917.095	<ul style="list-style-type: none"> · Front: XLR 3-pole plug · Rear: screw terminal 3-pole · Requires approx. 40 mm installation depth 	■ ■ ■



Custom module 1 x XLR plug 4-pole		Black
917.098	<ul style="list-style-type: none"> · Front: XLR 4-pole plug · Rear: screw terminal 4-pole · Requires approx. 40 mm installation depth 	■ ■ ■

Audio modules

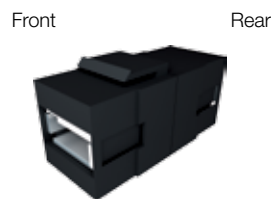
See the glossary for detailed information on use/application

Art. no.	Version	
Custom module 1 x XLR plug 5-pole Black		
917.100	<ul style="list-style-type: none"> · Front: XLR 5-pole plug · Rear: screw terminal 5-pole · Requires approx. 40 mm installation depth 	
Custom module Combo series 1 x XLR socket 3-pole + 1 x 6.3 mm jack socket Black		
917.094	<ul style="list-style-type: none"> · Front: XLR socket 3-pole + 6.3 mm stereo jack socket · Rear: Screw terminal 2 x 3-pole · Requires approx. 40 mm installation depth 	
Custom module 1 x Speakon 2-pole + 6.3 mm stereo jack Black		
917.102	<ul style="list-style-type: none"> · Front: Speakon socket + 6.3 mm stereo jack · Rear: screw terminal · Requires approx. 50 mm installation depth 	
Custom module 1 x Speakon 4-pole Black		
917.110	<ul style="list-style-type: none"> · Front: Speakon 4-pole socket · Rear: screw terminal · Requires approx. 40 mm installation depth 	
Custom module 1 x stereo loudspeaker connection Black		
917.114	<ul style="list-style-type: none"> · Front: stereo loudspeaker connection (red + white) · Rear: screw terminal · Requires approx. 30 mm installation depth 	

Front Rear

Data transmission

See the glossary for detailed information on use/application



Art. no.	Version	
Custom module 1 x USB 3.0 A / A keystone Black		
917.120	<ul style="list-style-type: none"> · Front: USB A socket · Rear: USB A socket · Fits into keystone frame 917.000 or 917.001 (see page 58) 	<ul style="list-style-type: none"> · Requires approx. 85 mm installation depth



Custom module 2 x USB 2.0 A / A Black		
917.141	<ul style="list-style-type: none"> · Front: 2x USB A socket · Rear: Screw terminal 2x 4-pole 	<ul style="list-style-type: none"> · Requires approx. 40 mm installation depth



Custom module 2 x USB 2.0 A / A White		
917.182	<ul style="list-style-type: none"> · Front: 2x USB A socket · Rear: Screw terminal 2x 4-pole 	<ul style="list-style-type: none"> · Requires approx. 40 mm installation depth



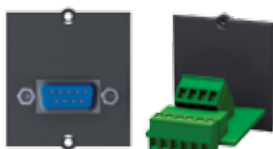
Custom module 1 x USB 2.0 A / B Black		
917.018	<ul style="list-style-type: none"> · Front: USB A socket · Rear: USB B socket 	<ul style="list-style-type: none"> · Requires approx. 85 mm installation depth



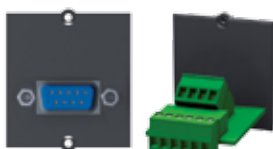
Custom module 1 x USB 2.0 B / A Black		
917.019	<ul style="list-style-type: none"> · Front: USB B socket · Rear: USB A socket 	<ul style="list-style-type: none"> · Requires approx. 85 mm installation depth



Custom module 1 x FireWire Black		
917.037	<ul style="list-style-type: none"> · Front: FireWire socket 6-pole · Rear: FireWire socket 6-pole 	<ul style="list-style-type: none"> · Requires approx. 85 mm installation depth









Custom module RS232 socket Black		
917.075	<ul style="list-style-type: none"> · Front: RS232 SubD 9-pole socket · Rear: screw terminal 9-pole 	<ul style="list-style-type: none"> · Requires approx. 40 mm installation depth



Custom module RS232 plug Black		
917.076	<ul style="list-style-type: none"> · Front: RS232 SubD 9-pole plug · Rear: screw terminal 9-pole 	<ul style="list-style-type: none"> · Requires approx. 40 mm installation depth





Data transmission

See the glossary for detailed information on use/application

Art. no.	Version	
Custom module 1 x RS232 socket Black		
917.012	<ul style="list-style-type: none"> · Front: RS232 SubD 9-pole socket · Rear: RS232 SubD 9-pole socket · Requires approx. 70 mm installation depth 	 
Custom module 1 x RS232 crossover socket Black		
917.116	<ul style="list-style-type: none"> · Front: RS232 SubD 9-pole socket · Rear: RS232 SubD 9-pole crossover plug (crossed) · Requires approx. 70 mm installation depth 	 
Custom module PS2 mouse + keyboard Black		
917.031	<ul style="list-style-type: none"> · Front: 2x MiniDIN 6-pole socket (mouse – mint green; keyboard – purple) · Rear: 2x MiniDIN 6-pole socket (mouse – mint green; keyboard – purple) · Requires approx. 50 mm installation depth 	 



Power transmission

Art. no.	Version	
Custom module Power Con blue (power input) Black		
917.112	<ul style="list-style-type: none"> · Front: Power Con socket, blue · Rear: Screw terminal, incl. 2 crimp sleeves and cover cap · Requires approx. 40 mm installation depth 	 
Custom module Power Con grey (power output) Black		
917.113	<ul style="list-style-type: none"> · Front: Power Con socket, grey · Rear: Screw terminal, incl. 2 crimp sleeves and cover cap · Requires approx. 40 mm installation depth 	 

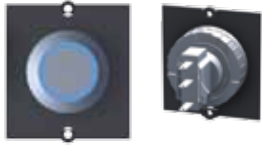


Control

See the glossary for detailed information on use/application



Art. no.	Version	
Custom module with stainless steel button Black		
917.046	<ul style="list-style-type: none"> · Front: stainless steel button; switching capacity: 50 mA/24 V/DC; · Rear: screw terminal 2-pole 	<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: green; margin-right: 5px;"></div> <div style="width: 15px; height: 15px; background-color: orange; margin-right: 5px;"></div> <div style="width: 15px; height: 15px; background-color: blue; margin-right: 5px;"></div> </div> <ul style="list-style-type: none"> · Requires approx. 30 mm installation depth



Custom module with stainless steel button, blue illuminated Black		
917.047	<ul style="list-style-type: none"> · Front: stainless steel button, blue illuminated (ring illuminated); Switching capacity: 50 mA/24 V/DC · Rear: Solder pins 4-pole 	<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: green; margin-right: 5px;"></div> <div style="width: 15px; height: 15px; background-color: orange; margin-right: 5px;"></div> <div style="width: 15px; height: 15px; background-color: blue; margin-right: 5px;"></div> </div> <ul style="list-style-type: none"> · Requires approx. 30 mm installation depth



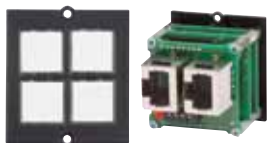
Custom module with automatic switchoff button Black		
917.060	<ul style="list-style-type: none"> · Front: button, black; · Rear: GST15i2 connector with approx. 1.0 m cable (suitable for multiple-socket outlets with automatic switchoff device, e.g. STEP switchoff device 906.005) 	<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: green; margin-right: 5px;"></div> <div style="width: 15px; height: 15px; background-color: orange; margin-right: 5px;"></div> <div style="width: 15px; height: 15px; background-color: blue; margin-right: 5px;"></div> </div> <ul style="list-style-type: none"> · Requires approx. 40 mm installation depth



Custom module with button Black		
917.152	<ul style="list-style-type: none"> · Front: on/off switch · Rear: approx. 1.0 m 3G 1.0 mm² cable with end sleeves (labelled) 	<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: green; margin-right: 5px;"></div> <div style="width: 15px; height: 15px; background-color: orange; margin-right: 5px;"></div> <div style="width: 15px; height: 15px; background-color: blue; margin-right: 5px;"></div> </div> <ul style="list-style-type: none"> · Requires approx. 60 mm installation depth



Custom module with switch (to control external devices) Black		
917.135	<ul style="list-style-type: none"> · Front: 2-pole rocker switch, green · Rear: approx. 1.0 m H05VV-F 4G 1.50 mm² cable with end sleeves (labelled) 	<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: green; margin-right: 5px;"></div> <div style="width: 15px; height: 15px; background-color: orange; margin-right: 5px;"></div> <div style="width: 15px; height: 15px; background-color: blue; margin-right: 5px;"></div> </div> <ul style="list-style-type: none"> · Requires approx. 60 mm installation depth



Custom module with 4-key keypad for media control unit Black		
917.127	<ul style="list-style-type: none"> · Front: 4 buttons, white, blue illuminated, with various pictograms for labelling · Rear: 2 x RJ45 sockets for connecting to media controller and linking to further modules of the same type 	<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: green; margin-right: 5px;"></div> <div style="width: 15px; height: 15px; background-color: orange; margin-right: 5px;"></div> </div> <ul style="list-style-type: none"> · Requires approx. 30 mm installation depth · NB: Cannot be used in electrical installations.










Custom module with 4-key keypad for KNX application Black		
917.056	<ul style="list-style-type: none"> · Front: 4 buttons, white, blue illuminated, with various pictograms for labelling, programmable on KNX installations; with integrated bus coupler; power supply: system voltage 30 V DC via bus push-in terminal; · Rear: Bus push-in terminal, 2-pole 	<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: green; margin-right: 5px;"></div> <div style="width: 15px; height: 15px; background-color: orange; margin-right: 5px;"></div> <div style="width: 15px; height: 15px; background-color: blue; margin-right: 5px;"></div> </div> <ul style="list-style-type: none"> · Requires approx. 35 mm installation depth



Custom module with 4-key keypad for EnOcean application Black		
917.093	<ul style="list-style-type: none"> · Front: 4 buttons, white, blue illuminated, with various pictograms for labelling, programmable on EnOcean application; with built-in radio module, battery-buffered; 	<div style="display: flex; align-items: center;"> <div style="width: 15px; height: 15px; background-color: green; margin-right: 5px;"></div> <div style="width: 15px; height: 15px; background-color: orange; margin-right: 5px;"></div> <div style="width: 15px; height: 15px; background-color: blue; margin-right: 5px;"></div> </div> <ul style="list-style-type: none"> · Requires approx. 35 mm installation depth

Accessories

See the glossary for detailed information on use/application

Art. no.	Version	
Custom module blank cover Black		
917.009	<ul style="list-style-type: none"> · Blank cover as placeholder or for you to mount your own connector · Material: plastic, black, thickness 1.8 mm 	
Custom module blank cover White		
917.166	<ul style="list-style-type: none"> · Blank cover as placeholder or for you to mount your own connector · Material: plastic, white, thickness 1.8 mm 	
Custom module blank cover with screw dome Black		
917.010	<ul style="list-style-type: none"> · Blank cover as placeholder or for you to mount your own connector · Screw dome on rear side of module for fixing e.g. boards or blank holders · Material: plastic, black, thickness 1.8 mm 	
Custom module blank cover with screw dome White		
917.167	<ul style="list-style-type: none"> · Blank cover as placeholder or for you to mount your own connector · Screw dome on rear side of module for fixing e.g. boards or blank holders · Material: plastic, white, thickness 1.8 mm 	
Screws Torx T6 for custom modules in facility power strips Black		
917.041	<ul style="list-style-type: none"> · Designed for 10 screwing cycles; contents: 10 pcs in colour black 	
Screws Torx T6 for custom modules in electrical installations (mounting plate) and 10" + 19" panels Black		
917.111	<ul style="list-style-type: none"> · Designed for 10 screwing cycles; contents: 10 pcs in colour black 	
Torx T6 screwdriver Black		
917.040	<ul style="list-style-type: none"> · 1x Torx T6 screwdriver to fit the screws on the custom modules 	



Media technology

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

With its modern components, including control elements from the global market leader AMX® plus all connecting systems, Bachmann media technology systems offer all that is required for any application. Thanks to its modular construction and intelligent cabling, the system can be quickly installed or adapted to specific requirements.

The flexibility of Bachmann complete solutions is complemented by their elegance. Regardless of how complex the Bachmann media technology system configuration is, it can be integrated seamlessly into the Bachmann facility systems.

Media Express

Plug-and-play for simplicity and efficiency.

Bachmann's Media Express system for media technology lets you switch between different image and sound signals and is already integrated in the connection panels of the Bachmann facility product ranges. In addition to switching between image and sound signals, Media Express also extends the network connection to each user.

Media Switch

Flexible and reliable thanks to high-quality components.

The Media Switch (Amx® inside) allows simple routing of image and sound signals from multiple users to various output devices such as projectors or monitors. All these elements can be combined with existing Bachmann facility products.

Media Control

Simple control of complex processes in media and facility applications.

The Media Control (Amx® inside) system uses control units to govern the various media from a central point. This makes it possible to activate various processes in a meeting or conference environment at the touch of a button on the Bachmann connection panel. The system is very user-friendly and easy for visitors to grasp quickly.

Media Express – Plug-and-play for simplicity and efficiency.



Ease of integration

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

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

Flexible switching

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

For image transmission the common 15-pin VGA sub-D system is provided on the front of the connection panel. This allows laptops to be connected easily using VGA connector cables. Of particularly practical benefit, no additional signal booster is necessary as this is integrated into the feeder box. This assures problem-free image transmission (so long as the maximum number of users and cable length are observed). The system can be built with a single infeed.

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

Simplicity of linking

Connection to the network requires only one access point (via the feeder cable). Two RJ45 LAN ports with signal boosting on each connection panel allow laptops to be connected. Thus the network is linked from one user to the next via the connector cable. The built-in network switch is designed for 10/100 Mbit and is sufficient, depending on the specific installation, for up to 6 participants.

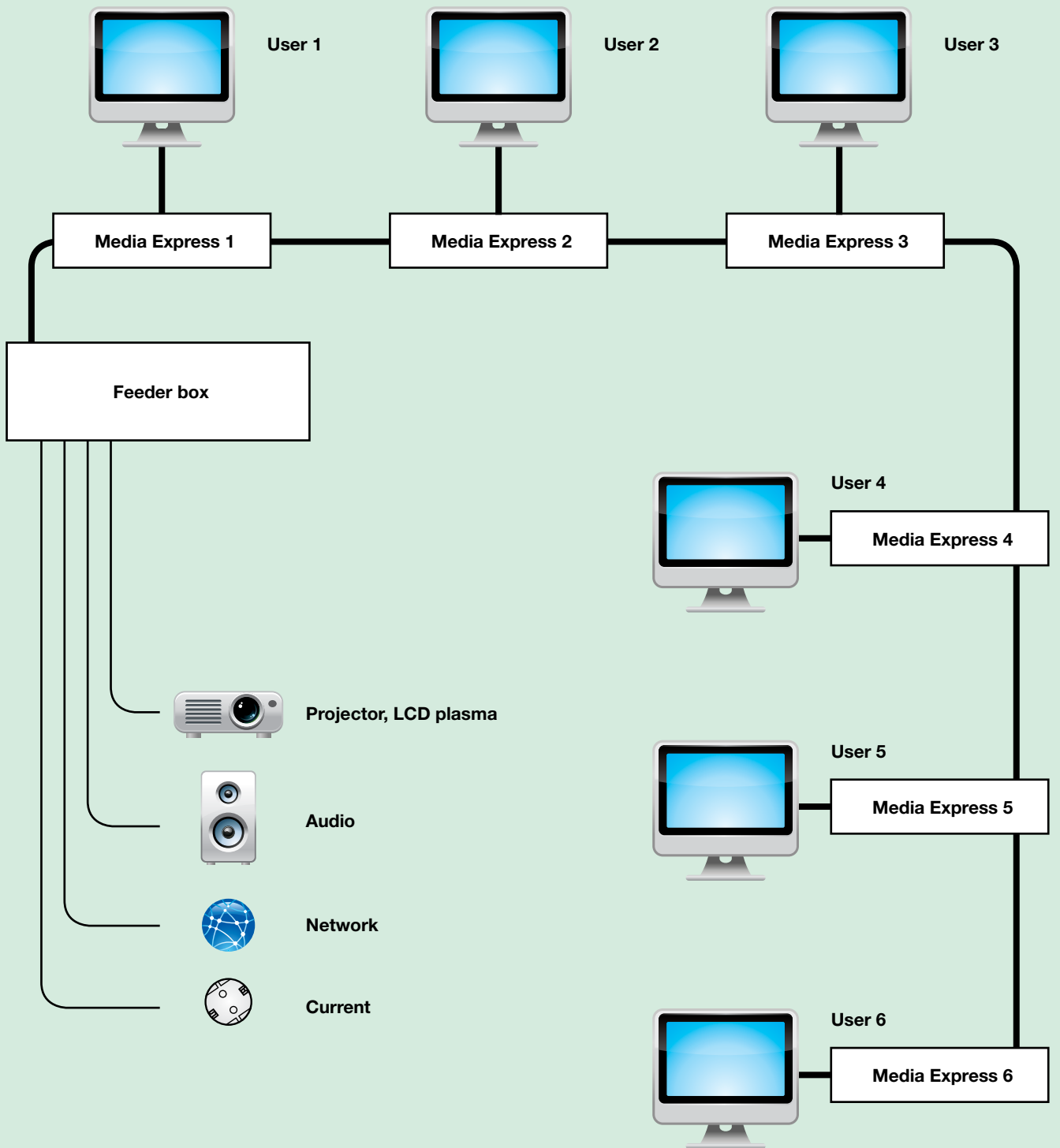
Feeder box

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

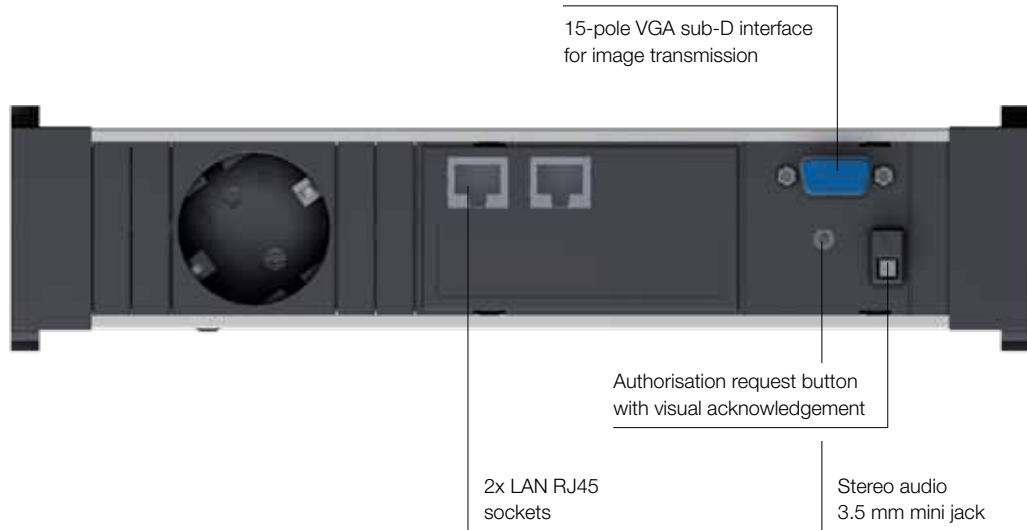
The advantages at a glance

- Simple plug-and-play principle
- Electronics already integrated in the connection panel
- Available for most Bachmann facility systems
- Pre-cabled
- Image, sound and network forwarding
- Simple, decentralised signal switching
- Compact and space-saving unit

Configuration information and lists of applications are available at www.bachmann.com. Should you have any questions concerning your project, contact us at media@bachmann.com for assistance.



Overview of Media Express connections



Media Express technical data:

Video/Audio:

- Automatic hardware detection
- Input signal:
 - 0.7 Vss/75 ohm RGB, 5V H&V-sync, 1.8 Vss audio, 24 bit/96 kHz
 - 15-pole VGA sub-D plug
- Output signal:
 - 0.7 Vss/75 ohm RGB, 5V H&V-sync, 3.5Vss audio, 24 bit/96 kHz
 - 26-pole sub-D socket
- Video bandwidth: (+/- 3dB) 300 MHz
- Resolution max: 1600 x 1024
- Transmission distance: 20x MediaNet Express modules/cable length: max. 50 m in total
- Audio: stereo L/R

Connections:

- 1 x 15-pole VGA sub-D
- 1 x 3.5 mm mini audio jack socket
- 2 x LAN RJ45 sockets
- Sockets as per connection unit selected

Network:

- 2 x RJ45 ports, 10/100 Mbit
- CAT5 with LED (speed and active LED)

Power supply unit:

- 2.5A; 18V
- Max. current consumption per connection unit - 500 mA

Media Express

The Media Express unit can also be integrated into other facility systems such as Power Frame, Desk and Step. Please ask us for the configuration you require.

- Anodised aluminium profile, black socket outlets, set at 35°
- Media Express
- Power input: GST18i3
- Power outlet: GST18i3

Art. no.	Version		
1 x earthing contact, GST18i3, short (TOP FRAME, CONFERENCE)		Length: approx. 260 mm	
1x Media Express			
903.2000	· 1 socket outlet with earthing contact		
	· 1 Media Express		
3 x earthing contact, GST18i3, long (TOP FRAME, CONFERENCE)		Length: approx. 444 mm	CUSTOM
1x Media Express, 2 x custom modules			
903.2001	· 3 socket outlets with earthing contact		
	· 1 Media Express		
	· 2 custom modules, empty		
2 x earthing contacts, GST18i3 (CONI)		Length: approx. 356 mm	CUSTOM
1 x Media Express, 1 x custom module			
903.3000	· 2 socket outlets with earthing contact		
	· 1 Media Express		
	· 1 custom module, empty		
3 x earthing contacts, GST18i3 (CONI)		Length: approx. 356 mm	
1x Media Express			
903.3001	· 3 socket outlets with earthing contact		
	· 1 Media Express		

Media Express feeder box

Art. no. | Version

Media Express feeder box

Signal feeder unit for Media Express system

- 903.400
- Distribution of signals:
 - Image (D/V projector), 15-pole VGA sub-D to 26-pole sub-D
 - Sound (loudspeakers), stereo jack to 26-pole sub-D
 - Data (network), RJ45 to RJ45
 - Signal authorisation on 26-pole sub-D
 - RS-232 interface for optional programming



Media Express feeder cable

- Feeder cable length 2.0 m
- The cable set is held together in a textile-fibre sleeve

Art. no. | Version

Media Express feeder cable

Feeder cable to feeder box

- 903.500
- 1 x 15-pole VGA plug / 26-pole sub-D socket
 - 1 x CAT6 patch cable plug / plug, shielded
 - 1 x power cable, right-angled earthing contact plug and GST18i3 socket



Media Express connector cable

- Connecting cable, length 2.0 m
- The cable set is held together in a textile-fibre sleeve

Art. no. | Version

Media Express connector cable

To link one connection unit to another

- 903.600
- 1 x 26-pole sub-D (90° plug / 45° socket)
 - 1 x CAT6 patch cable plug / plug, shielded
 - 1 x power cable, Wieland GST18i3 plug and GST18i3 socket



Media Express desk PSU

Art. no. | Version

Media Express desk PSU, 45 W

Additional voltage supply for Media Express module

- 903.402
- Input voltage : 90-264 V AC
 - Output power: 18 V DC / 2.5A
 - Mains cable with Euro plug
 - Low-voltage connecting cable, approx. 1.8 m with DC right-angled connector

Typical order for 4 presentation stations



Qty.	Art. no.	Description
4x		For articles of your choice, see page 87 (903.2000, 903.2001, 903.2000, 903.2001)

Media Express

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

Feeder cable

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

Connections



Projector

Audio

Network

Current

Configuration information and lists of applications are available at www.bachmann.com.
Should you have any questions concerning your project, contact us at media@bachmann.com for assistance.

Media Switch – flexible and reliable thanks to high-quality components.



Easy to install

Today's meeting rooms are equipped such that the signal to an output device (projector etc.) can be switched between various sources. Key requirements are also ease of installation, ease of use and flexibility.

An exemplary solution to all these conditions is the Media Switch system.

Ease of integration

The control elements can be fitted into existing Bachmann facility products on a plug-and-play basis. Like all Bachmann media technology systems, Media Switch is also simple to plan, easy to install and straightforward to use. Multiple users can dock their laptops simultaneously via the multiple connection panels.

The VGA sockets on the connection panels allow presentations to be sent to the projector, for example. As soon as a user presses the button on his/her connection panel, the switch selects the image signal on that panel /laptop. The connection to the switch is set up via a pre-prepared set of cables. Pressing the button issues a command to the switch to route the incoming image and sound signals to the projector and loudspeaker.

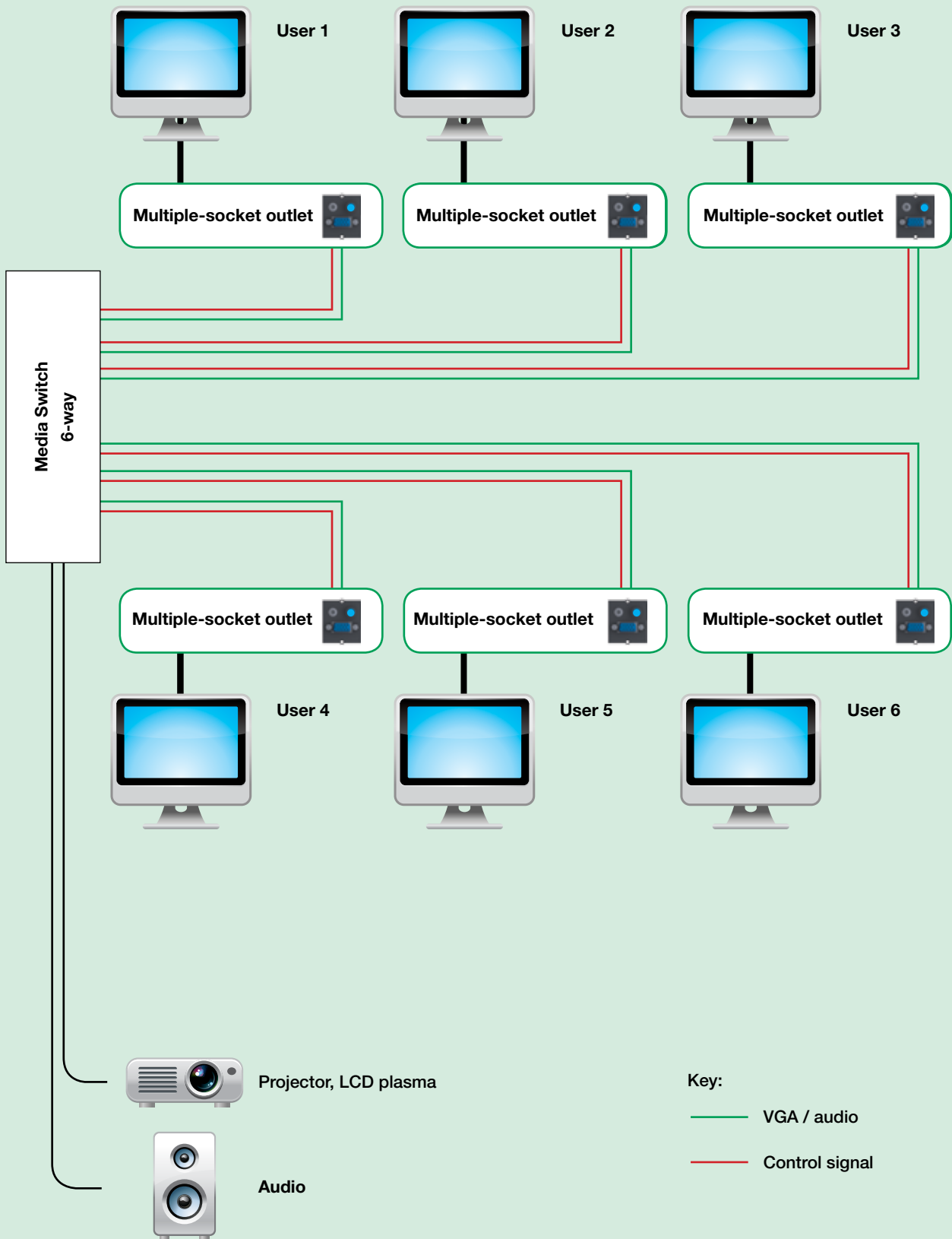
Signal booster

To ensure problem-free image signals, it is recommended that signal boosters are used with the Media Switch system. This enables image signals from devices with less powerful graphics cards to be transmitted with significantly better quality. The signal booster is fitted between each connection panel and the switch.

Switching is effected by pressing the button on a custom module with VGA and mini audio jack on the connection panel. As soon as the button is pressed, the image and sound signals are routed to the switch. The button is illuminated blue until another user activates the button on his/her own connection panel to obtain signal authorisation.

The advantages at a glance

- Simple, low-cost signal switching
- Star configuration, ideal for small meeting rooms
- Plug-and-play inputs
- Decentralised switching: each user can request authorisation by pressing a button
- Additional switches/ can be cascaded one after the next to expand the system for larger numbers of users
- Connects to all Bachmann facility systems via built-in VGA, mini audio jack and switch button connections (see art. no. 917.143)
- Pre-prepared cabling for connection between connection panel/signal booster and switch



Switches

- Power supply: 9–12V DC 15W
- Supplied with power cable and operating instructions in German and English



For switch **903.100** there are two options for connecting to the custom module **917.134**:

1. Without acknowledgement of signal authorisation, i.e. button is not illuminated when authorisation is granted. For this the set is used with signal authorisation 903.113 (see page 110).
2. With acknowledgement of signal authorisation, i.e. button is illuminated blue when authorisation is granted. For this the set is used with signal authorisation 903.112 (see page 110).

Art. no. | Version

Switch | **L x W x H: 145 x 115 x 40 mm**

2 x VGA / audio input, 1 x VGA / audio output

- 903.100
- RGB input / output: analogue HD-15 (VGA)
 - Impedance 75 ohms / Max. signal level 1V p-p
 - RGB bandwidth: 400 MHz -3 dB
 - RGB return loss: 45dB@10MHz, 27dB@100MHz
 - Adjacent input crosstalk: 73dB@10MHz, 50dB@100MHz
 - Audio input / output: analogue 3.5 mm stereo / Max. signal level 2V p-p



For the switch **903.101** there is the option of connecting the custom module **917.134** by means of the signal converter **903.112** (see page 110) with visual acknowledgement as button illumination.

Art. no. | Version

Switch | **L x W x H: 225 x 125 x 45 mm**

4 x VGA / audio input, 1 x VGA / audio output

- 903.101
- RGB input / output: analogue HD-15 (VGA)
 - Impedance 75 ohms / Max. signal level 1V p-p
 - RGB bandwidth: 350 MHz -3 dB
 - RGB return loss: 45dB@10MHz, 32dB@100MHz
 - Audio input / output: analogue 3.5 mm stereo / Max. signal level 2V p-p

Suitable mountings on page 110



For the switch **903.102** there is the option of connecting the custom module **917.134** by means of the signal converter **903.112** (see page 110) with visual acknowledgement as button illumination.

Art. no. | Version

Switch | L x W x H: 482 x 170 x 45 mm

6 x VGA / audio input, 1 x VGA / audio output

- 903.102
 - RGB input / output: analogue HD-15 (VGA)
 - Impedance 75 ohms / Max. signal level 1V p-p
 - RGB bandwidth: 400 MHz -3 dB
 - RGB return loss: 45dB@10MHz, 2dB@100MHz
 - Audio input / output: analogue 3.5 mm stereo / Max. signal level 2V p-p
 - Mounting for 19" fitting included

Signal booster

- Interference can sometimes occur, particularly with image transmission. This may be caused by factors such as low-power graphics cards on the laptop or by long cable lengths
- To improve these image signals we recommend that each user uses a signal booster
- This provides optimum boosting of the signal and prevents interference when used by different users
- Additional output (VGA 15HD) allows an additional monitor to be connected
- Compact, easily-installed unit



Art. no. | Version

Signal booster VGA

L x W x H: 150 x 70 x 35 mm

1 x VGA input, 2 x VGA output

- | | |
|---------|--|
| 903.104 | <ul style="list-style-type: none"> · RGB input / output: analogue HD-15 (VGA), <ul style="list-style-type: none"> – 1 x video IN / 2 x video OUT – Impedance 75 ohms / Max. signal level 1V p-p – Output gain 1.0 (unity) – RGB bandwidth: 400 MHz -3 dB – Power supply: 9V DC 3W · Supplied with power cable and operating instructions in German and English |
|---------|--|

Typical order for 4 presentation stations



Qty.	Art. no.	Description
4x		Power strips from Bachmann facility systems with blank space for custom module
4x	917.134	Custom module VGA, mini audio jack and button for Media Switch

Desk connection panel

Qty.	Art. no.	Description
4x	903.104	VGA signal booster
4x	918.009	VGA connecting cable from power strip to signal booster
optional:		
4x	918.023	Mounting

Signal booster

Qty.	Art. no.	Description
1x	903.101	Switch 4-way VGA + audio
1x	918.023	Mounting

Switch

Qty.	Art. no.	Description
4x	903.107-110	VGA + sound + authorisation cable set / various lengths available
1x	903.112	2–6-way signal converter with acknowledgement

Cabling



Projector

Audio

Configuration information and lists of applications are available at www.bachmann.com.
Should you have any questions concerning your project, contact us at media@bachmann.com for assistance.

Media control – simple control of complex processes in media and facility applications.



Central control

To control a variety of media from a central point, control units are used. This makes it possible to activate various processes in a meeting or conference environment at the touch of a button on the Bachmann connection panel. The system is very user-friendly and easy even for visitors or new users to grasp quickly. The various procedures can be individually performed between the operator panel (in the connection panel) and the control unit.

Simple to program

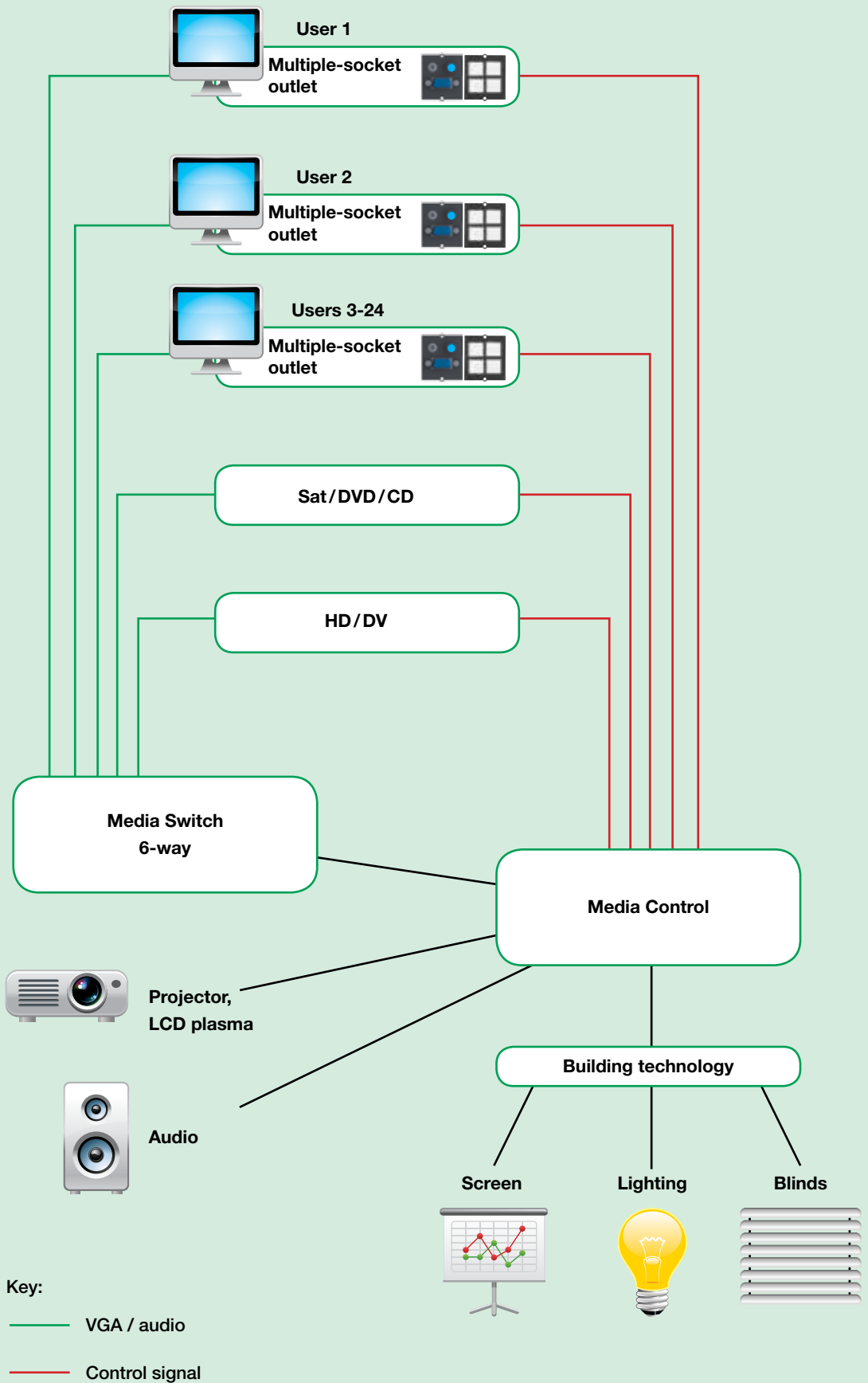
Programming is very simple and can soon be set up with the software provided and the instruction manual (German/English). Subsequent alterations or additions can also be entered without problems.

The control functions allow control of various media: projector, DVD, SAT, TV, projector screen, lighting, blinds etc.

The 2 built-in 230 V~ 10 A relays can be used for example to connect a screen directly to the control unit. This means that a power cable is sufficient for control.

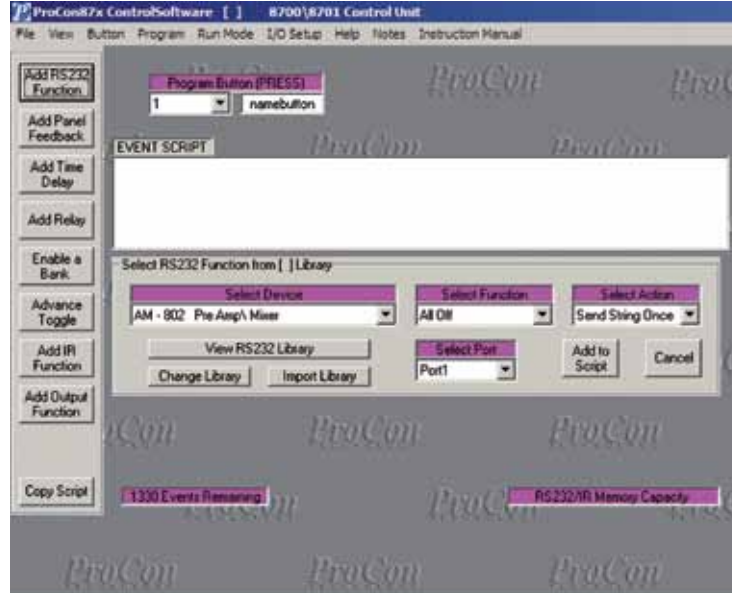
The advantages at a glance

- Central control of multiple media
- Very easy to use
- Simple to install and easy-to-learn programming
- Plug-and-play operation adapted to Bachmann connection panels
- Up to 6 button modules can be connected in series or 2 strings with additional modules can be programmed for up to 24 button commands
- Multiple buttons can be programmed on the control unit with the same command (thus also allowing decentralised control)
- Simple connection of button modules via standard RJ45 patch cables (plug/plug)
- 2 built-in relays, 230 V~ 10 A with 1 earthing contact coupling for direct connection
- Ready-to-connect unit with accessories (programming cable, IR transmitter)
- Can be retrofitted to existing systems
- Pre-programmed demo version on CD
- Basic programming can be reinstalled if necessary (from CD or download)
- If desired, programming (sequences, devices etc.) can be created and made available by Bachmann as an option

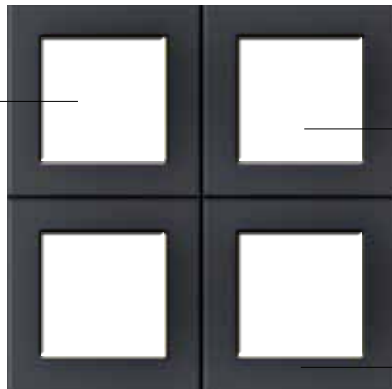


Media control

The software supplied makes even complex procedures simple to programme.



Start programmed procedures by pressing button



Pictograms for other button functions are provided

Cascadable up to 6 button arrays with 24 procedures

Keypad on page 110



Suitable mountings on page 110

Media Control

- Memory: 8 kB
- 2 x 230V~ relay 10 A built in
- 2 x RS-232 interface
 - Baud rate 1200–57 600
 - Data bits 7/8
 - Stop bits 1/2
 - Command string 1–22 bytes
- 2 x infrared interface PPM or PWM
 - PWM frequency 30–62 kHz
- Power connection: 100–240V~
- PSU, programming cable, 2 x infrared transmitters, programming software and operating instructions in German and English included



Art. no. | Version

Control unit L x W x H: 225 x 125 x 45 mm

Control system with programming function

- 903.105
- Control system with programming function
 - I/O port: external switch detect input



Control unit TCP / IP L x W x H: 225 x 125 x 45 mm

Control system with programming function and TCP/IP interface

- 903.106
- Control system with programming function and TCP/IP interface
 - Devices from different manufacturers can communicate via the network
 - I/O port: Input: external switch detect

Programming according to requirements

Available for control units 903.105 and 903.106

- 903.114
- Programming is done by entering:
 - connected devices (manufacturer, type)
 - required procedures (max. 24 commands)
 - The file is sent via e-mail

Suitable mountings on page 110

Switch function

Combined source switch for 4 to 2 VGA, 6 to 2 S-Video or CVBS and 10 to 2 stereo audio signals. In all cases the output signal is present on the two outputs at the same time.

Ideal for applications with multiple different signal sources – RGBHV, S-Video, CVBS and audio. The six video inputs can be connected to either an S-Video or a CVBS signal. A combination of both signal types is possible.

The 10 audio inputs are designed for unbalanced stereo audio signals. One output offers an unbalanced and the other a balanced stereo signal for further processing. The audio input signal levels and the volume of the audio outputs are adjustable. Sound and video can both be silenced (mute / blank).

Control function

The functions are controlled manually via the front operator panel or remotely via RS-232 from a button module on a connection panel. When operating the unit via RS-232 it is possible to switch audio and video inputs separately. A programmable RS-232 output port is also provided; this can be used to control displays or projectors.



Art. no. | Version

Presentation switch

L x W x H: 150 x 70 x 35 mm

4 x input / 2 x output VGA, 10 x input / 2 x output audio, 6 x input / 2 x output S-Video

- | | |
|---------|--|
| 903.103 | <ul style="list-style-type: none"> · Inputs / signals: 4 x RGBHV, 6 x S-Video / CVBS, 10 x stereo audio · Outputs: 2 of each (dual) · Bandwidth: 350 MHz · Stereo audio: unbalanced to balanced · Front operator panel and operation via RS-232 · RS-232 control output for connected playback equipment · Power supply: 100 – 240V AC 15W · Supplied with power cable and operating instructions in German and English · Mounting for 19" fitting included |
|---------|--|

Suitable mountings on page 110

Typical order for 4 presentation stations



Qty.	Art. no.	Description
4x		Power strips from Bachmann facility systems with blank space for custom module
4x	917.134	Custom module VGA, mini audio jack and button for Media switch
1-6x	917.127	Custom module Button

Desk connection panel

Qty.	Art. no.	Description
4x	903.104	VGA signal booster
4x	918.009	VGA connecting cable from power strip to signal booster
optional:		
4x	918.023	Mounting

Signal booster

Qty.	Art. no.	Description
1x	903.101	Switch 4-way VGA + audio
1x	918.023	Mounting

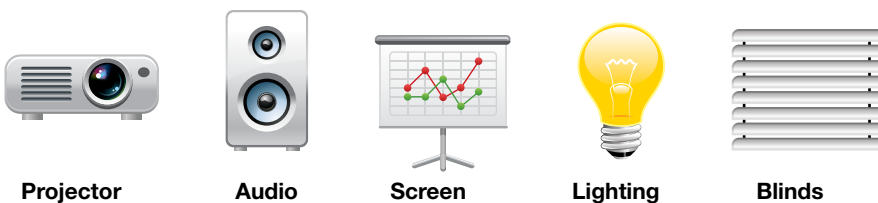
Switch

Qty.	Art. no.	Description
1x	903.105	Control unit
1x	903.111	Control unit converter

Control unit

Qty.	Art. no.	Description
1-6x	918.006 - 008	Patch cable to connect custom module button 917.127

Cable output



Projector

Audio

Screen

Lighting

Blinds

Configuration information and lists of applications are available at www.bachmann.com.
Should you have any questions concerning your project, contact us at media@bachmann.com for assistance.

Facility control modules



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

KNX pushbutton module 4-way



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

Functions such as switching, dimming, storage of lighting scenes, blind control etc can be programmed by specialist personnel using the standard ETS software. For this, specialist knowledge and in-depth KNX training is required.

Each button can be custom configured and labelled accordingly (common pictograms are supplied). A blue lamp indicates the activity status.

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

KNX / EIB 4-button custom module



Front:

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



Art. no.	Version
917.056	

Micro clamp terminals

917.056	Rear:
	· Bus push-in terminals
	· Requires approx. 35 mm built-in depth



EnOcean pushbutton module 4-way

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

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

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

EnOcean 4-button custom module



Front:

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



Art. no. | Version

Micro clamp terminals

917.093

Rear:

- Includes battery
- Requires approx. 35 mm built-in depth



Custom modules

Art. no. | Version

Custom module VGA, mini audio jack and button for media switch



- | | |
|---------|--|
| 917.134 | <ul style="list-style-type: none"> · Custom module to fit in Bachmann connection panels · 1 x 15-pole VGA socket / socket · 1 x 3.5 mm jack socket with approx. 0.1 m cable and 3.5 mm jack socket · 1 x button, blue illuminated, with approx. 0.1 m cable and RJ12 for controlling switch · Requires approx. 70 mm installation depth |
|---------|--|

Custom module with 4 x buttons for media control unit

Can be used in all facility systems



- | | |
|---------|--|
| 917.127 | <ul style="list-style-type: none"> · Custom module, can also be retrofitted · 4 buttons, white, blue illuminated, with various pictograms for labelling · On rear: 2 x RJ45 sockets for connecting to media control unit and linking to further modules of the same type · Includes inserter with common pictograms · Requires approx. 80 mm installation depth |
|---------|--|

Patch cable plug / plug

To connect custom module 917.127 to signal converter



- | | | |
|---------|-------|--------------------------------|
| 918.006 | 1.0 m | · End 1: RJ45 plug Hirose TM12 |
| 918.007 | 3.0 m | · End 2: RJ45 plug Hirose TM12 |
| 918.008 | 5.0 m | · Shielded |

Media signal converter

Art. no. | Version

2-way signal converter

To implement the authorisation signals of each participant. Without visual acknowledgement on button.



- | | |
|---------|---|
| 903.113 | <ul style="list-style-type: none"> · Input: 2 x RJ12 socket · Output: 1x 2-pole terminal for connection to switch · Only useable with 903.100 switch |
|---------|---|

For the 2x, 4x and 6x VGA / audio switches, the custom module 917.134 is connected by means of the 2-6-way RS 232 signal converter (903.112) with visual acknowledgement as button illumination.

Signal converter 2-6-way

L x W x H: 225 x 125 x 45 mm

To implement the authorisation signals of each participant. With visual acknowledgement on button.



- | | |
|---------|---|
| 903.112 | <ul style="list-style-type: none"> · Input: 6 x RJ12 socket · Output: 1 x 9-pole RS-232 sub-D · With 1.0 m cable with push-in terminals to connect 2-pole terminal to switch · Includes PSU |
|---------|---|

Converter box

For connecting an additional series of button modules



- | | |
|---------|--|
| 903.111 | <ul style="list-style-type: none"> · Media converter for connection to control unit · End 1: RS-232 · End 2: RJ45 · Includes PSU |
|---------|--|

Mounting for switch / control unit

For fitting under the tabletop



- | | |
|---------|---|
| 918.023 | <ul style="list-style-type: none"> · Mounting to install unit under a tabletop (see page 94) |
|---------|---|

Combi cables and extensions

Art. no.	Length	Version
15-pole VGA HD extension cable		
1 x VGA		
918.009	1.0 m	<ul style="list-style-type: none"> · High-quality VGA cable to connect: <ul style="list-style-type: none"> – connection panel to laptop – connection panel to signal booster – signal booster to monitor / TV (optional) · End 1: 1 x 15-pole VGA HD plug · End 2: 1 x 15-pole VGA HD plug
940.047	3.0 m	
940.048	5.0 m	
1 x VGA, 1 x mini audio jack		
918.066	1.0 m	<ul style="list-style-type: none"> · High-quality VGA cable to connect: <ul style="list-style-type: none"> – connection panel to laptop – connection panel to signal booster – signal booster to monitor / TV (optional) · End 1: 1 x 15-pole VGA HD plug, 1 x mini jack plug, 3.5 mm · End 2: 1 x 15-pole VGA HD plug, 1 x mini jack plug, 3.5 mm · Plug with metal housing and shielding
918.067	3.0 m	
918.068	5.0 m	
918.069	10.0 m	
Media combi cable		
1x VGA, 1x mini audio jack, 1x control signal		
903.107	1.0 m	<ul style="list-style-type: none"> · Professional high-quality VGA cable together with audio cable and control cable for switching switches via the pushbutton in custom module 917.134 · End 1: 1 x 15-pole VGA HD plug; 1 x 3.5 mm mini jack plug; 1 x RJ12 for button · End 2: 1 x 15-pole VGA HD plug; 1 x 3.5 mm mini jack plug; 1 x RJ12 for button · Plug with metal housing and shielding
903.108	3.0 m	
903.109	5.0 m	
903.110	10.0 m	



Accessories

Art. no.	Version
STEP BASE 3 x earthing contact, GST18i3	
Length: approx. 220 mm	
Power outlet for switch and control unit	
336.600	<ul style="list-style-type: none"> · Plastic profile, black socket outlets · 3 socket outlets with earthing contact, set at 35° · Power input: GST18i3 plug, power output: GST18i3 socket
19", 8x earthing contact, 1 U	
Length: approx. 438 mm	
1x potential-free contact incl. relay for external isolation of sockets	
903.002	<ul style="list-style-type: none"> · Aluminium profile 1U · 8x socket outlets with earthing contact, black · 1x potential-free contact (mini audio jack) for external isolation of sockets (can be linked to control unit) · 2.0 m H05VV-F 3G 1.50 mm² black with right-angled earthing contact plug · Incl. mounting bracket and screws



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

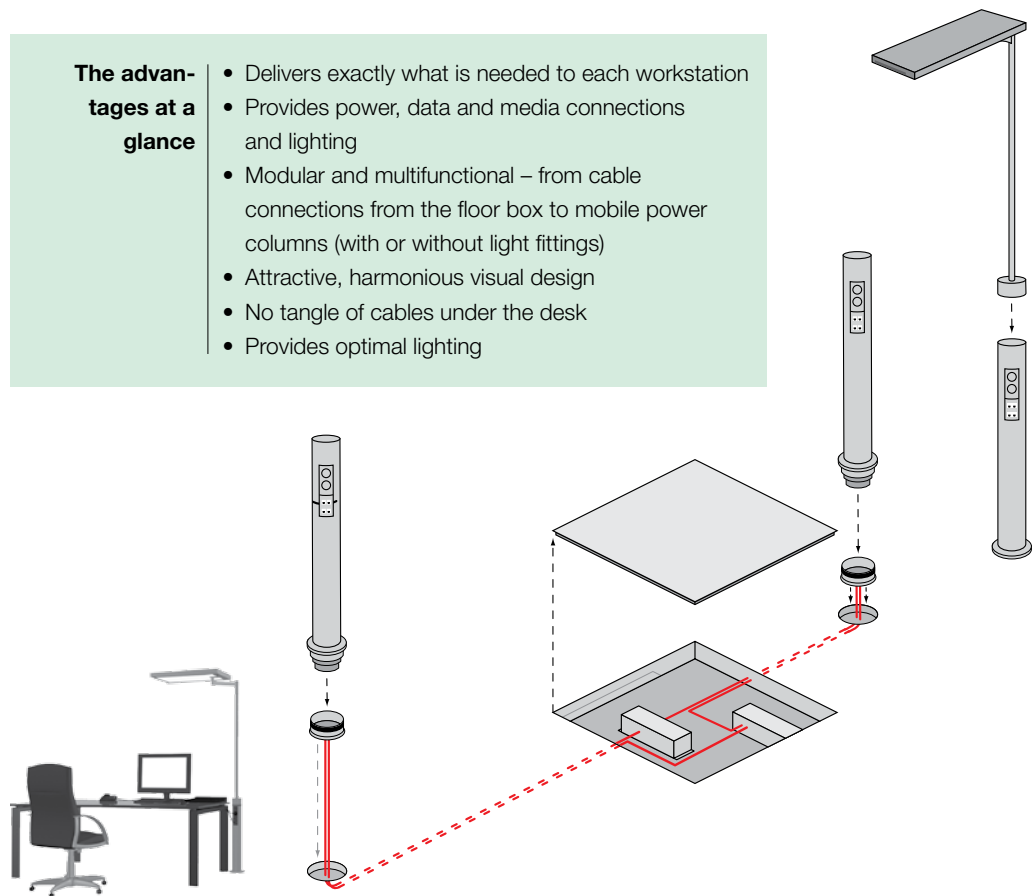
The LanLight® base module can accommodate a variety of module inserts. These include floor box inserts for all media – from earthing contact socket outlets to HDMI sockets – that are also available fully pre-installed with tested connecting cables.

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

LanLight® fits into a hole of only 152 mm diameter. This ease of installation, together with its compact size and the functionality provided by the modular design mean that installations and energy consumers can be fitted only in those positions where they are really needed. Thus LanLight® can be installed to meet the exact requirements and is equally easy to remove. During restructuring, individual system components can be reused time and again and the usual provision of installations is no longer necessary.

The advantages at a glance

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



Combined with consolidation points, LanLight® can reach virtually every part of the room to provide power, data, media and light. The optimum cable length is up to 9 metres.



reddot design award
winner 2011

LanLight[®]

Modular installation offering flexible
supply to office workstations

LanLight[®]

SMART SUPPLY SYSTEM

LanLight® offers ...

- a cable outlet
- a floor box with various inserts for a wide range of applications
- plug-in mobile power columns with two power circuits and up to eight data connections with self-contacting interface (mobile column)
- plug-in power columns with two power circuits and up to eight data connections with prepared patch cables
- a plug-in lighting module, one-sided, with lighting head that swivels on two axes
- a plug-in lighting module, double-sided, with swivelling lighting head

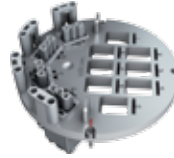


Basic unit 924.1016
Modular socket

Floor outlet

No insert required

Floor box versions



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



Earth contact connection plate 924.4002
2 x earth contact
4 x Keystone mount



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

Basis for patch versions



Patch column mount 924.1041
Cone for patch column

Basis for self-contact system



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



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

Stage 1

Stage 2



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



Lift-off cover set

Lift-off cover set 924.1018
Stainless steel



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

Patch column 640 mm

924.5002: 2 x earth contact, 4 x CAT6_a jack including 6 m supply cable
924.5003: 4 x earth contact, 8 x CAT6_a jack including 6 m supply cable



Mini patch column 924.6000
150 mm, 2 x earth contact



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



Lift-off cover set
Self-contact system

Lift-off cover set 924.1039
Stainless steel

Mobile column 640 mm

924.5000: 2 x earth contact, 4 x CAT6_a 10 Gbit
924.5001: 4 x earth contact, 8 x CAT6_a 10 Gbit



Stage 3



You can obtain replacement luminaires
from LanLight® partners on request

Lamps

Stage 1: LanLight® basic unit



Art. no. | Version

Basic unit for all LanLight® components

Modular socket

- | | |
|---------|--|
| 9241016 | <ul style="list-style-type: none"> · Fits into raised and false floors · Fixes in round cut-out with diameter 152 (+1) mm · For floor thicknesses from 25 to 70 mm (min. floor thickness 35 mm for column versions) · Fixed by three clamping claws · Overall height: 97 mm, installation depth: 93 mm, external diameter: 162 mm · Die-cast aluminium |
|---------|--|

Stage 2: LanLight® inserts

Art. no. | Version

8P/4S connection plate with breakout cable and GST18i3 plug

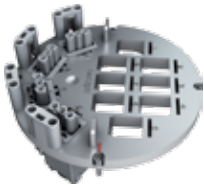
Connection plate for fitting in LanLight® set of lift-off covers



- | | |
|----------|--|
| 924.4001 | <ul style="list-style-type: none"> · To connect up to 4 Wieland GST15i3 sockets (power) and 8 data jacks (Keystone) · Rear strain relief for power connections · Disengagement aid for Wieland GST15i3 plugs · 4 x Wieland GST15i3 sockets, fitted, incl. 0.2 m H05VV-F3G 2.5 mm² power cable to GST18i3 plug · To connect up to 8 data jacks (Keystone) · Rear strain relief for power connections · Coded connecting points (data 1-8, power A-D) · Diameter: 114.8 mm |
|----------|--|

8P/4S connection plate for mains connection by client

Connection plate for fitting in LanLight® set of lift-off covers



- | | |
|----------|---|
| 924.4000 | <ul style="list-style-type: none"> · To connect up to 4 Wieland GST15i3 sockets (power) and 8 data jacks (Keystone) · Rear strain relief for power connections · Disengagement aid for Wieland GST15i3 plugs · Coded connecting points (data 1-8, power A-D) · 4 x Wieland GST15i3 sockets · To connect up to 8 data jacks (Keystone) · Diameter: 114.8 mm |
|----------|---|

Earthing contact unit 4P/2S with breakout cable and GST18i3 plug

Connection plate for fitting in LanLight® set of lift-off covers



- | | |
|----------|--|
| 924.4009 | <ul style="list-style-type: none"> · To connect up to 4 data jacks (Keystone) · Rear strain relief for power connections integrated in housing · Coded connecting points (data 1-4, power A-B) · Incl. 2 x 0.2 m H05VV-F3G 2.5 mm² power cable to GST18i3 plug · Diameter: 114.8 mm |
|----------|--|

Earth contact unit for 4P/2S connection plate for mains supply by client

Connection plate for fitting in LanLight® set of lift-off covers



- | | |
|----------|---|
| 924.4002 | <ul style="list-style-type: none"> · To connect up to two phases to the earthing contact socket outlets · To connect up to 4 data jacks (Keystone) · Rear strain relief for power connections integrated in housing · Coded connecting points (data 1-4, power A-B) · Diameter: 114.8 mm |
|----------|---|

Art. no. | Version

Connection plate for 3 x custom modules and 3 x power with breakout cable and GST18i3 plug
Connection plate for fitting in the LanLight® cover guide

CUSTOM

- 924.4004
- Accepts up to 3 Bachmann custom modules
 - 3 x Wieland GST15i3 sockets, fitted, incl. 0.2 m H05VV-F3G 2.5 mm² power cable to GST18i3 plug
 - Rear strain relief for power connections
 - Disengagement aid for Wieland GST15i3 plugs
 - Coded connecting points (data 1-3, power A-C)
 - Diameter: 114.8 mm



Media connection plate 3 x custom module and 3 x power for mains connection by client
Connection plate for fitting in LanLight® set of lift-off covers

CUSTOM

- 924.4003
- To connect up to 3 Wieland GST15i3 sockets (power) and 3 Bachmann custom modules
 - Rear strain relief for power connections
 - 3 x Wieland GST15i3 sockets
 - Disengagement aid for Wieland GST15i3 plugs
 - Coded connecting points (data 1-3, power A-C)
 - Diameter: 114.8 mm



Self-contact 10 Gbit 4P/2S with breakout cable and GST18i3 plug
Connection plate to fit in the modular installation box

- 924.4006*
- Base unit to accept the self-contacting power column 924.5000 or 924.5001
 - Prepared to accept 1-2 data cable sets 924.700
 - Coded connecting points (data 1-8, power A-B)
 - For 924.1041
 - 2 x Wieland GST15i3 sockets, fitted, incl. 0.2 m H05VV-F3G 2.5 mm² power cable to GST18i3 plug
 - Diameter: 114.8 mm



10 Gbit self-contact for mains connection by client
Connection plate to fit in the modular installation box

- 924.4005*
- Base unit to accept the self-contacting power column 924.5000 or 924.5001
 - Prepared to accept 1-2 data cable sets 924.700
 - Coded connecting points (data 1-8, power A-B)
 - For 924.1041
 - 2 x Wieland GST15i3 sockets
 - Diameter: 114.8 mm



Data cable set
For self-contact connection plates 924.4005 and 924.4006

- 924.700*
- 4 x Tyco Electronics CAT7 (Terra) jacks to Tyco Electronics CAT6a plug
 - Column, 2-sided with 8 ports: Requires 2 x data cable set 924.700
 - Column, 1-sided with 4 ports: Requires 1 x data cable set 924.700
 - Cable length 6 m each
 - Prepared as a cable bundle



Cone as tower holder
Cone as column holder

- 9241041
- Used to directly mount the LanLight® columns
 - For 924.5002, 924.5003 and 924.6000



* No storage type

Lift-off cover variants

Art. no. | Version



Lift-off cap set with stainless steel inlay

Lift-off cap set to fit in the modular installation box

- 924.1018
- Two positions: open during use / closed when not in use
 - With catch mechanism when open
 - With dust protection as cable bushing
 - With labelling card for connections
 - With stainless steel inlay
 - Inlay diameter: inner 49 mm, outer 142 mm
 - Lift-off cover diameter 146.4 mm, cover guide diameter 128.8 mm



Lift-off cover set 5 mm / 8 mm

Lift-off cover set to fit in the modular installation box

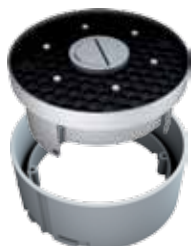
- 924.1038
- Two positions: open during use / closed when not in use
 - With catch mechanism when open
 - With dust protection as cable bushing
 - With labelling card for connections
 - For gluing into dry surfaces with thicknesses 5 mm or 8 mm (e.g. carpet, laminate)
 - Inlay diameter: inner 49 mm, outer 142 mm, lining depth 5 mm or 8 mm
 - Lift-off cover diameter 146.4 mm, cover guide diameter 128.8 mm



Lift-off cover set, self-contacting, with stainless steel inlay

Lift-off cover set to fit in the self-contacting cone

- 924.1039*
- Two positions: open during use / closed when not in use
 - With catch mechanism when open
 - With labelling card for connections
 - With stainless steel inlay
 - Inlay diameter: inner 49 mm, outer 142 mm, depth 5 mm or 8 mm
 - Lift-off cover diameter 146.4 mm, cover guide diameter 128.8 mm



Lift-off cap set, self-contacting, 5 mm / 8 mm

Lift-off cap set to fit in the self-contacting cone

- 924.1040*
- Two positions: open during use / closed when not in use
 - With catch mechanism when open
 - With labelling card for connections
 - For gluing into dry surfaces with thicknesses 5 mm or 8 mm (e.g. carpet, laminate)
 - Inlay diameter: inner 49 mm, outer 142 mm, lining depth 5 mm or 8 mm
 - Lift-off cover diameter 146.4 mm, cover guide diameter 128.8 mm



Twist-off cover for 12 mm inlay

Twist-off cover to screw onto cone to hold column

- 924.1046
- Cover to close modular installation box with cone (924.1016, 924.1041)
 - Water protected
 - For inlay (e.g. stone/tiles) with approx. 12 mm thickness
 - Incl. mounting wrench and shucks
 - Inlay diameter: inner 139 mm

* No storage type

Stage 3: LanLight® extension units

Art. no. | Version

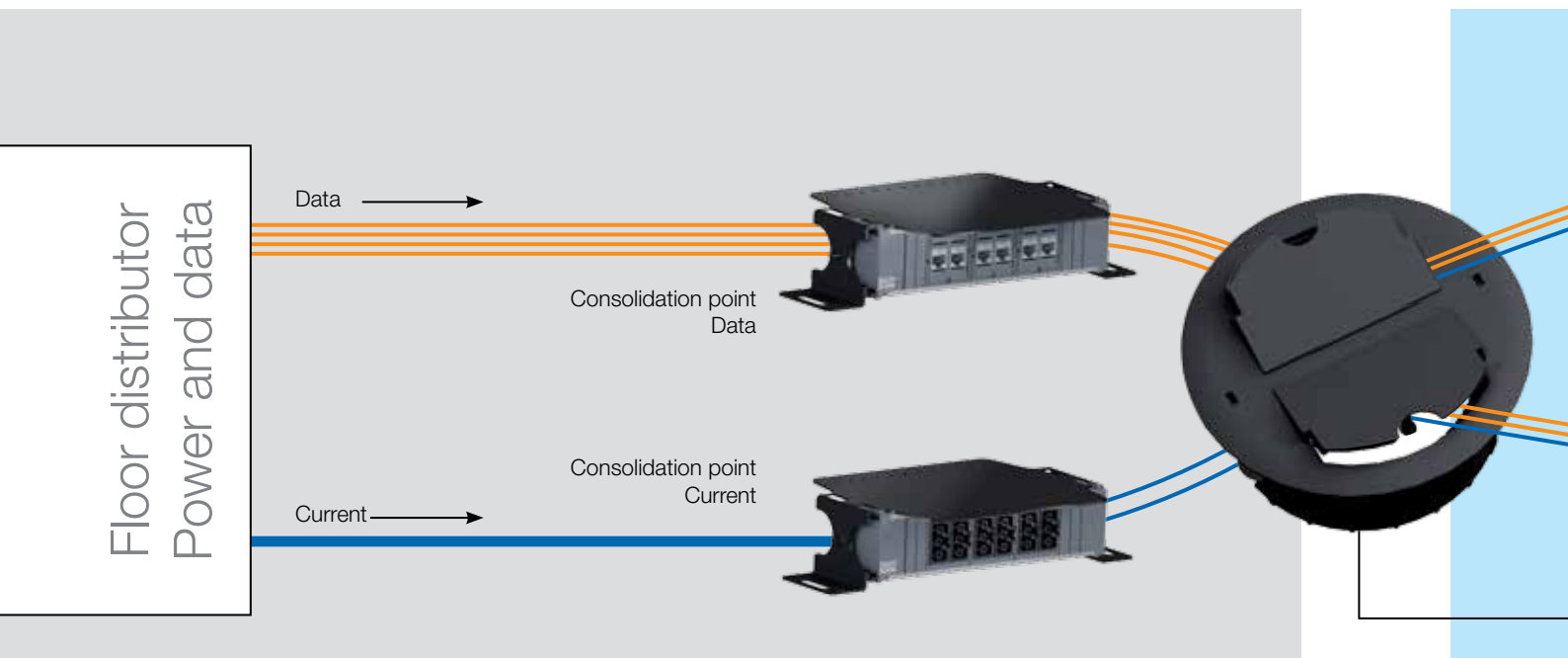
Self-contacting column, 10 Gbit 4P/2S, one-sided	
Column, 10 Gbit, for 1-2 workstations	
924.5000*	<ul style="list-style-type: none"> For simply plugging into and unplugging from LanLight® cone holder (924.1041) 2 earthing contact socket outlets (2 phase) and 4 Tyco Cat 6a jacks Coded connecting points (data 1-4, power A-B) Fully pre-wired, incl. 4 x Tyco Terra Cat 7 plug for self-contacting Socket outlets: 2-pole with earthing contact, 16A/3680W, AC250V, IP20, black Column can be expanded by inserting a LanLight® system lamp Height 640 mm, diameter 95 mm
Column, self-contacting, 10 Gbit 8P/4S, two-sided	
Column, 10 Gbit, for 3-4 workstations	
924.5001*	<ul style="list-style-type: none"> For simply plugging into and unplugging from LanLight® cone holder (924.1041) 4 earthing contact socket outlets (2 phase) and 8 Tyco Cat 6a jacks Coded connecting points (data 1-8, power A-D) Fully pre-wired, incl. 8 x Tyco Terra Cat 7 plug for self-contacting Socket outlets: 2-pole with earthing contact, 16A/3680W, AC250V, IP20, black Column can be expanded by inserting a LanLight® system lamp Height 640 mm, diameter 95 mm
4P/2S patch column, one-sided	
Column for 1-2 workstations	
924.5002	<ul style="list-style-type: none"> Simple mounting on the LanLight® conical holder (924.1041) 2 earthing contact socket outlets (2 phase) and 4 CAT6a jacks (Keystone) Coded connecting points (data 1-4, power A-B) 2 x 6 m H05VV-F3G 2.5 mm² power cable to Wieland GST18i3 plug 4 x 6 m data cables, CAT6a jack to CAT6a plug Socket outlets: 2-pole with earthing contact, 16A/3680W, AC250V, IP20, black Column can be expanded by inserting a LanLight® system lamp Column materials: Extruded aluminium, powder-coated RAL 9006 Height 640 mm, diameter 95 mm
Patch column 8P/4S two-sided	
Column for 3-4 workstations	
924.5003	<ul style="list-style-type: none"> Simple mounting on the LanLight® conical holder (924.1041) 4 earthing contact socket outlets (2 phase) and 8 CAT6a jacks (Keystone) Coded connecting points (data 1-8, power A-D) 4 x 6 m H05VV-F3G 2.5 mm² power cable to Wieland GST18i3 plug 8 x 6 m data cables, CAT6a jack to CAT6a plug Socket outlets: 2-pole with earthing contact, 16A/3680W, AC250V, IP20, black Column can be expanded by inserting a LanLight® system lamp Height 640 mm, diameter 95 mm
Mini patch column 2S	
Mini column	
924.6000	<ul style="list-style-type: none"> Mini patch column for simple mounting on the LanLight® conical holder (924.1041) 2 socket outlets with earthing contact (2 phases) Coded connecting points (power A-B) 30 mm surge water protection 2 x 0.2 m breakout cable H05VV-F3G 2.5 mm² and GST18i3 plug incl. GST T-piece Socket outlets: 2-pole with earthing contact, 16A/3680W, AC250V, IP20, black Height 150 mm, diameter 95 mm



* No storage type

You can obtain replacement luminaires from LanLight® partners on request.

F: Front / R: Rear



Consolidation point

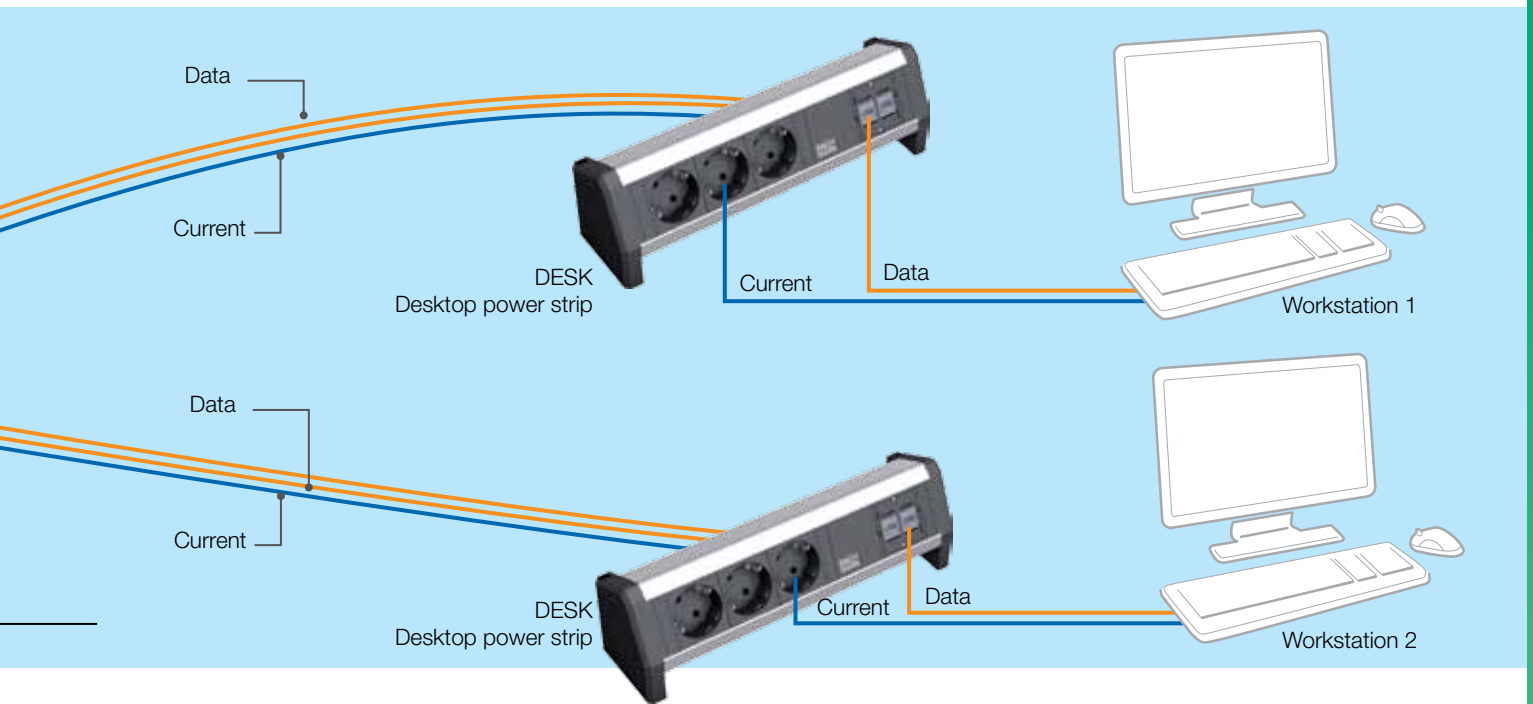
Installation solutions from a single supplier

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

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

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

In the complete Bachmann catalogue you can also find various desktop power strips for mounting on top of or fitting into office workstation desks. All versions can be configured as required and supplied ready for use.



CP mounting

- Robust steel plate mounting for CPs
- Mountings with secure, tool-free clip-in and release mechanism
- Anchors firmly on the floor with integrated screw-on brackets
- Mountings with extra step protection of approx. 200 kg incl. CP unit
- Raised position of CP units for greater protection in case of minor ingress of water



Power CP

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



Data CP

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



Consolidation point units for power

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

Art. no. | Version

Consolidation point units for power

Short

9192000	· 6-way GST18i3 socket, black, 1-phase · Power input: GST18i3
9192001	· 2 x 3-way GST18i3 socket, 2-phase · Sockets in black and red · Power input: GST18i3

Consolidation point units for power

Long

9192002	· 12-way GST18i3 socket, black, 1-phase · Power input: GST18i3
9192003	· 2 x 6-way GST18i3 socket, 2-phase · Sockets in black and red · Power input: GST18i3
9192004	· 3 x 4-way GST18i3 socket, 3-phase · Sockets in black, red and grey · Power input: 3x GST18i3 socket
9192005	· 3 x 4-way GST18i3 socket, 3-phase · Sockets in red, black and grey · Power input is via the end cap with rewirable terminal to allow connection by user



Consolidation point units for data

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

Art. no. | Version

CUSTOM

Consolidation point units for data

912.000	· 3 x custom modules, empty · Short: 217 mm
912.001	· 6 x custom modules, empty · Long: 356 mm



Consolidation point mounting

- Colour black (RAL 9005)
- Mounting in steel plate

Art. no. | Version

Consolidation point mounting

L x W x H: 295 x 85 x 65 mm

919.1100	· Short (for units with 3 modules)
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Consolidation point mounting

L x W x H: 435 x 85 x 65 mm

919.1101	· Long (for units with 6 modules)
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Floor outlet for dry-maintained floors

Outlet for dry-maintained floors (raised and false floors) from 24 mm thickness for the cable outlet from the subfloor (consolidation point) to the power strip on the desk. The outlet features a very simple universal fixing. With one rotation of each of the two eccentric Allen bolts in the outer ring the outlet is anchored firmly into the floor, yet can easily be removed again if required. 2 flaps, each of which can be opened to a position independent of the other, allow cabling to be routed out from the floor. The flaps can be snap-fastened in open positions, thus preventing cables becoming bent and possibly damaged. If required the flaps can be rotated through 130° with the inner ring. Textile-fibre sleeves or cable management systems from the Bachmann range can be docked to the outlet flaps. If the outlet is no longer used, the flaps can be lowered and used as a blank cover that can be stepped on.

- Exit point / floor outlet for power and data cables
- 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: polyamide (halogen-free)

Art. no. | Version

Exit point/floor outlet **RAL 9005**

919.1000 | · Black RAL 9005

Exit point/floor outlet **RAL 7035**

919.1001 | · Light grey RAL 7035



Data cables → Transfer of data within various categories

(see glossary) Used for network and IP telephone services

Art. no.	Length	Version
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CAT5e patch cable plug/plug

918.003	1.0 m	· CAT5e cable, shielded, colour grey
940.052	3.0 m	· Conforms to ISO / IEC 11801 and EN 50173
940.053	5.0 m	· Ends 1 and 2: RJ45 plug with kink protection nozzle and protective tongue for interlock · Suitable for e.g. CAT5e socket / socket 940.057



CAT6 patch cable plug / plug

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



CAT6a patch cable plug / plug

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



CAT6a patch cable plug

918.033	3.0 m	· CAT7 cable, shielded, colour black
918.034	5.0 m	· Conforms to IEC 61156-6 · End 1: RJ45 Hirose TM12 CAT6a plug with kink protection nozzle and unlocking tongue. End 2: CAT6a TKM 10 Gb Keystone socket. · Fits into Keystone frames 917.000 / 917.001 / 917.061 / 917.062



RJ12 patch cable plug / plug

940.089	3.0 m	· RJ12 cable, unshielded, colour black · Conforms to ISO / IEC 11801 and EN 50173 · Ends 1 and 2: RJ12 plug with kink protection nozzle · Suitable for e.g. RJ12 socket / socket 940.085
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VGA 15-pole HD with or without 3.5 mm stereo mini jack →

Transmission of analogue image and sound signals

Art. no.	Length	Version
----------	--------	---------



VGA 15-pole HD combi cable with mini audio jack

918.066	1.0 m	· High quality cable, high flexibility, colour black
918.067	3.0 m	· End 1: 1 x 15-pole VGA HD plug, 1 x mini jack plug, 3.5 mm
918.068	5.0 m	· End 2: 1 x 15-pole VGA HD plug, 1 x mini jack plug, 3.5 mm
918.069	10.0 m	· Plug with metal housing and shielding, no additional ferrite core is required · Can be used with custom modules with VGA + mini audio jack socket / socket (e.g. 917.045 etc.)



VGA 15-pole HD

918.009	1.0 m	· High quality cable, flexible, colour black
940.047	3.0 m	· End 1: 1 x 15-pole VGA HD plug
940.048	5.0 m	· End 2: 1 x 15-pole VGA HD plug · Can be used with custom modules with VGA socket / socket (e.g. 917.011)

Media VGA 15-pole HD combi cable with mini audio jack

(3.5 mm stereo) and RJ12 (signal control) for media switch

Art. no.	Length	Version
VGA 15-pole HD combi cable with mini audio jack and signal control		
903.107	1.0 m	· High quality cable, high flexibility, colour black
903.108	3.0 m	· End 1: 1 x 15-pole VGA HD plug, 1 x mini jack plug 3.5 mm and RJ12 plug
903.109	5.0 m	· End 1: 1 x 15-pole VGA HD plug, 1 x mini jack plug 3.5 mm and RJ12 plug
903.110	10.0 m	· Plug with metal housing and shielding, additional ferrite cores are not needed · Can be used with custom modules with VGA + mini audio jack socket / socket and button (e.g. 917.134)



HDMI connecting cable -> digital transmission of image and sound signals

Art. no.	Length	Version
HDMI connecting cable		
918.019	3.0 m	· HDMI cable, colour black
918.020	5.0 m	· End 1: 1x HDMI plug, 19-pole · End 2: 1x HDMI plug, 19-pole · Can be used with custom modules with HDMI socket / socket (e.g. 918.040)



DVI-I connecting cable -> digital transmission of image signals

(compatible with DVI-A and DVI-D connectors)

Art. no.	Length	Version
DVI-I connecting cable		
918.017	3.0 m	· DVI cable, colour black
918.018	5.0 m	· End 1: 1 x DVI plug · End 2: 1 x DVI plug · Can be used with custom modules with DVI-I socket / socket (e.g. 917.021 / 917.078)



Cinch video + stereo connecting cable -> transmission of analogue image and sound signals

Art. no.	Length	Version
Cinch video + stereo connecting cable		
918.015	3.0 m	· Cinch connecting cable set, colour black
918.016	5.0 m	· End 1: Cinch plug (red + white + yellow) · End 2: Cinch plug (red + white + yellow) · Can be used with custom modules with Cinch socket / socket (e.g. 917.026)



S-Video (Hosiden) connecting cable -> transmission of analogue image signals

Art. no.	Length	Version
S-Video (Hosiden) connecting cable		
940.104	3.0 m	· S-Video (Hosiden) connecting cable, colour black
940.105	5.0 m	· End 1: S-Video plug · End 2: S-Video plug · Can be used with custom modules with S-Video socket / socket (e.g. 917.028 / 917.035)



3.5 mm mini jack connecting cable → transmission of audio signals



Art. no.	Length	Version
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3.5 mm mini jack connecting cable for audio signals

918.010	1.5 m	· 3.5 mm mini jack (stereo) connecting cable, colour black
918.011	2.5 m	· End 1: 3.5 mm mini stereo jack plug
918.012	5.0 m	· End 2: 3.5 mm mini stereo jack plug · can be used for custom modules with mini audio jack socket / socket (e.g. 917.045 / 917.157)

Cinch stereo connecting cable → transmission of audio signals



Art. no.	Length	Version
----------	--------	---------

Cinch stereo connecting cable for audio signals

940.049	3.0 m	· Cinch (stereo) connecting cable, colour black
940.051	5.0 m	· End 1: Cinch stereo plug (red + white) · End 2: Cinch stereo plug (red + white) · can be used for custom modules with Cinch socket / socket (e.g. 917.027 / 917.028 / 917.022 / 917.023)

XLR connecting cable → transmission of audio signals (e.g. from microphone)



Art. no.	Length	Version
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XLR 3-pole connecting cable for audio signals

918.013	3.0 m	· XLR 3-pole connecting cable, colour black
918.014	5.0 m	· End 1: XLR 3-pole plug with interlock · End 2: XLR 3-pole socket with interlock · Can be used with custom modules with XLR connector (e.g. 917.024)

USB connecting cable → transmission of data



Art. no.	Length	Version
----------	--------	---------

USB A/A connecting cable

918.021	1.0 m	· USB A/A connecting cable, colour black
940.045	3.0 m	· End 1: plug A
918.022	5.0 m	· End 2: plug A · can be used for custom modules with USB A socket / socket (e.g. 917.120 / 917.019)

USB A/B connecting cable

940.046	3.0 m	· USB A/B connecting cable, colour black · End 1: plug A · End 2: plug B · Can be used with custom modules with USB B socket / socket (e.g. 917.018)
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FireWire connecting cable → transmission of data



Art. no.	Length	Version
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FireWire connecting cable

918.024	4.5 m	· FireWire connecting cable, colour black · End 1: FireWire 6-pole plug · End 2: FireWire 6-pole plug · Can be used with custom modules with FireWire socket / socket (e.g. 917.037)
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Power supply cables for Bachmann facility systems



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

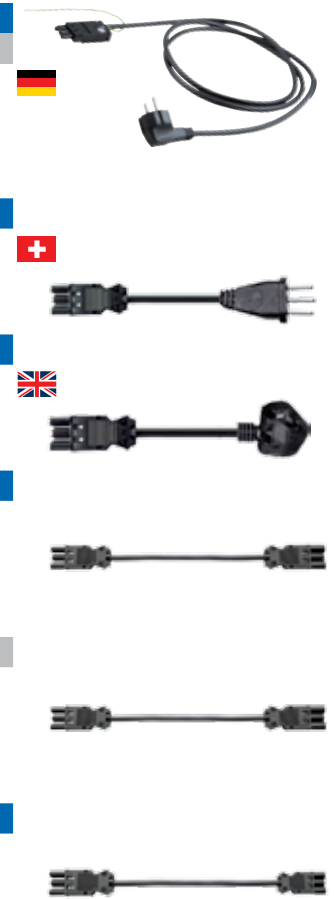
Art. no.	Length	Version
Device supply cable, GST18 earthing contact		Black
375.000	1.5 m	· Cable: H05VV-F 3G 1.5 mm ²
375.075	2.0 m	· End 1: Right-angled earthing contact plug
375.003	3.0 m	· End 2: Wieland GST18i3 socket
375.005	4.0 m	
375.007	5.0 m	
375.039	10.0 m	
Halogen-free cable		
375.044	2.0 m	· Cable: S05VV-F 3G 1.5 mm ²
375.045	3.0 m	· End 1: Right-angled earthing contact plug
375.046	5.0 m	· End 2: Wieland GST18i3 socket



Device supply cable with additional earth connection

- Pre-assembled power supply cables with integrated earth connection
- Earthing of the power strip is independent of the installation
- Ideal in combination with STEP power strips (see from page 48)
- Table-mounted frames can be earthed independently of the power strip fitted in them

Art. no.	Length	Version
Device supply cable, GST18 earthing contact		black
With extra earth connection		
375.115	2.0 m	· Cable: H05VV-F 3G 1.5 mm ²
375.116	3.0 m	· End 1: Right-angled earthing contact plug
375.117	5.0 m	· End 2: Wieland GST18i3 socket with 0.3 m 1.5 mm ² green/yellow with M6 ring termination
Device supply cable, GST18, plug CH / Switzerland		black
375.016	1.5 m	· Cable: H05VV-F 3G 1.0 mm ²
375.017	3.0 m	· End 1: CH / Switzerland plug
375.018	5.0 m	· End 2: Wieland GST18i3 socket
Device supply cable, GST18, plug UK 13A		black
375.068	2.0 m	· Cable: H05VV-F 3G 1.5 mm ²
375.069	3.0 m	· End 1: UK 13A plug
375.070	4.0 m	· End 2: Wieland GST18i3 socket
Device extension cable, GST18/GST18		black
375.050	0.3 m	· Cable: H05VV-F 3G 1.5 mm ²
375.053	1.0 m	· End 1: Wieland GST18i3 plug
375.038	2.0 m	· End 2: Wieland GST18i3 socket
375.055	3.0 m	
Halogen-free cable		
375.080	0.3 m	· Cable: S05Z1Z1-F3G 1.5 mm ²
375.081	1.0 m	· End 1: Wieland GST18i3 plug
375.082	2.0 m	· End 2: Wieland GST18i3 socket
375.083	3.0 m	
Device extension cable, GST15/GST18		black
375.127	1.5 m	· Cable: H05VV-F 3G 1.5 mm ²
375.128	3.0 m	· End 1: Wieland GST15i3 plug
375.129	5.0 m	· End 2: Wieland GST18i3 socket





Cables with ST18 connector system (older system, cannot be plugged in under load)

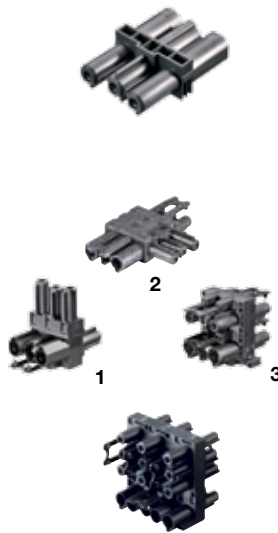


Art. no.	Length	Version
Device supply cable, ST18 earthing contact Black		
375.004	1.5 m	<ul style="list-style-type: none"> · Cable: H05VV-F 3G 1.5 mm² · End 1: Right-angled earthing contact plug · End 2: Wieland ST18/3 socket
375.079	2.0 m	
375.040	3.0 m	
375.076	5.0 m	



Art. no.	Length	Version
Device extension cable, ST18/ST18 Black		
375.071	0.5 m	<ul style="list-style-type: none"> · Cable: H05VV-F 3G 1.5 mm² · End 1: Wieland ST18/3 plug · End 2: Wieland ST18/3 socket
375.072	1.0 m	
375.073	1.5 m	
375.064	3.0 m	

Connectors / distributors



Art. no.	Version	Version
Coupler Black		
No interlock		
375.500	GST/GST	<ul style="list-style-type: none"> · Allows easy linking of e.g. two STEP power strips with the same or different plugging systems
375.515	GST/ST	
375.516	ST/GST	
<ul style="list-style-type: none"> · 1x input (plug section) and 1x output (socket section) 		

Multiplier, GST18		
For power distribution		
375.101	1x input, 2x output (1)	<ul style="list-style-type: none"> · Input: 3-pole plug · Output: 3-pole socket
375.102	1x input, 2x output (2)	
375.105	1x input, 3x output (3)	
Through-wired for 3-phase power, 5- and 3-pole		
375.106	1x input, 1+6x output	<ul style="list-style-type: none"> · Input: 1 x plug, 5-pole · Output: 1 x socket, 5-pole; · 6 x 3-pole socket per outer cable

Interlocks



Art. no.	Version	Version
Interlock for appliance plugs and couplings		
Compliant with VDE 0628		
375.518	Wieland 05.587.3156.1	<ul style="list-style-type: none"> · Snaps onto the relevant plugs and couplings
Locking latch (interlock)		
Compliant with VDE 0628		
375.501	Black Wieland 05.584.0153.0	<ul style="list-style-type: none"> · For snap-in fitted plug and coupling

Accessories



Art. no.	Version	Version
End cap		
375.503	Black Wieland 05.561.3653.1	<ul style="list-style-type: none"> · Inserts into the snap-in fitted plug and coupling

Mounting accessories



Art. no.	Version	Version
Appliance plug with screw terminal, GST18		
375.504	Black Wieland 92.932.3053.1	<ul style="list-style-type: none"> · Ready to fit, with strain relief · For cross section 0.75 – 2.5 mm², solid and flexible wires can be connected without end sleeves · For cable diameters from 6.5 – 10.5 mm (H05VV, NYM) · Outer sheath stripped length 31 mm; insulation stripped length: 7 mm
375.517	White Wieland 92.932.3052.0	



Appliance plug with spring-loaded terminal, GST18i3		
Lockable		
940.073	Bright red Wieland 92.934.0553.0	<ul style="list-style-type: none"> · Ready to fit, with strain relief · For rigid cables 1.5 – 2.5 mm² or flexible cables 1.5 mm² with end sleeves · 2 connections per pole, not mounted, for H05VV, NYM cables (diameter 7.8 – 10.3 mm) · Outer sheath stripping length 45 mm, Insulation stripped length for 1.5 mm² and 2.5 mm²: 9 mm
940.074	Pebble grey Wieland 92.934.0153.0	



Appliance coupling with screw terminal, GST18i3		
375.505	Black Wieland 92.931.3053.1	<ul style="list-style-type: none"> · Ready to fit, with strain relief · For cross section 0.75 – 2.5 mm², solid and flexible wires can be connected without end sleeves · For cable diameters from 6.5 – 10.5 mm (H05VV, NYM) · Outer sheath stripped length 31 mm; insulation stripped length: 7 mm
375.514	White Wieland 92.931.3053.0	



Appliance coupling with spring-loaded terminal, GST18i3		
Lockable		
940.070	Bright red Wieland 92.933.0553.0	<ul style="list-style-type: none"> · Ready to fit, with strain relief · For rigid cables from 1.5 – 2.5 mm², flexible cables 1.5 mm² with end sleeves · 2 connections per pole, not mounted, for H05VV, NYM cables (diameter 7.8 – 10.3 mm) · Outer sheath stripping length 45 mm, Insulation stripped length for 1.5 mm² and 2.5 mm²: 9 mm
940.071	Pebble grey Wieland 92.933.0153.0	

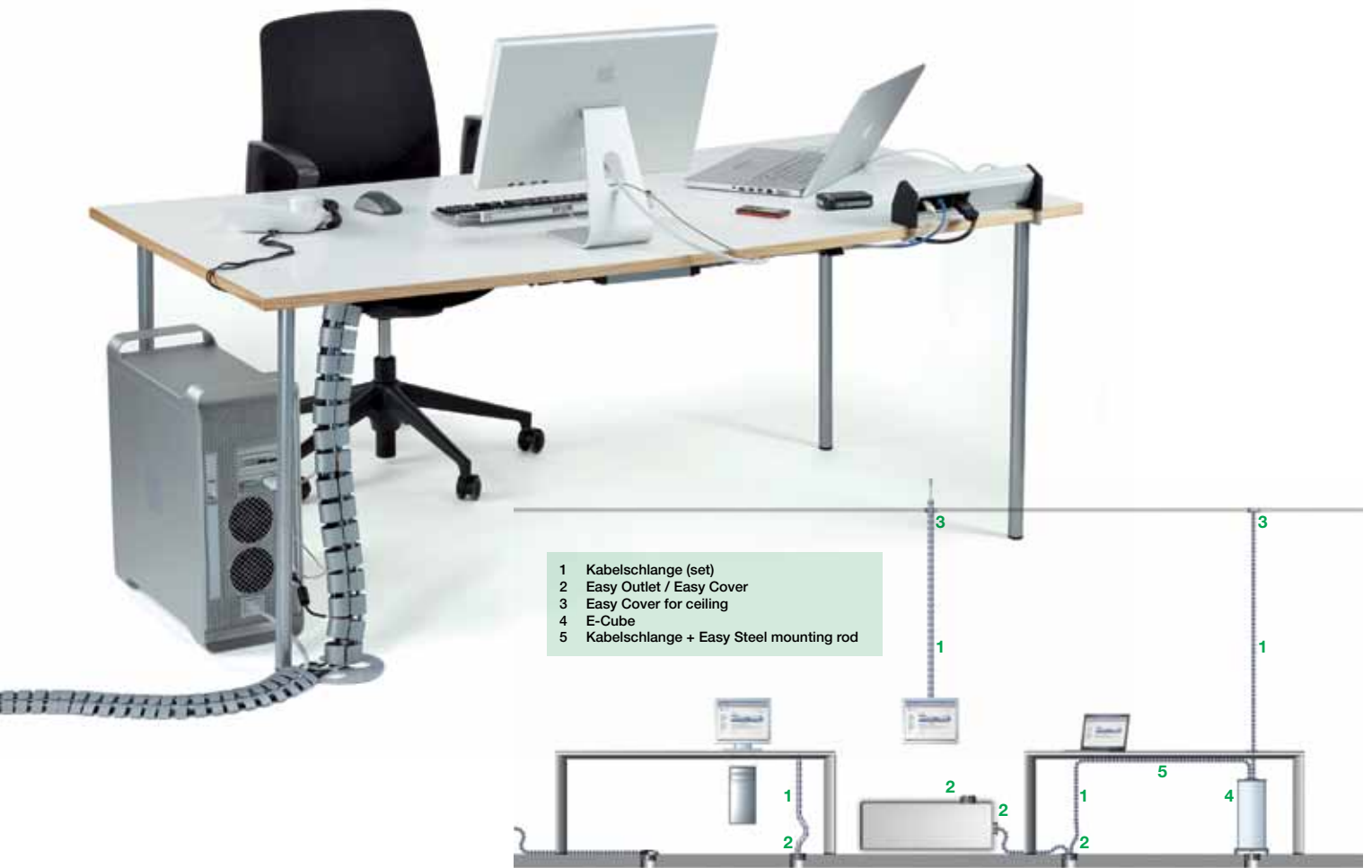


Snap-in fitted plug, spring loaded, GST18		
With interlock		
375.506	Black Wieland 92.032.9658.1	<ul style="list-style-type: none"> · For material thickness 0.5 – 1.5 mm; engages in cut-out in housing · Flexible cable 0.5 – 1.5 mm² with end sleeve · Rigid cable 0.5 – 2.5 mm² · Stripped length 0.5 – 1.5 mm²: 8 mm, Stripped length 2.5 mm²: 9 mm
375.519	White Wieland 92.032.9658.0	
375.520	Bright red Wieland 92.032.8558.0	
375.521	Pebble grey Wieland 92.032.9758.0	



Snap-in fitted coupling, spring loaded, GST18i3		
With interlock		
375.507	Black Wieland 92.031.9658.1	<ul style="list-style-type: none"> · For material thickness 0.5 – 1.5 mm; engages in cut-out in housing · Stripped length 0.5 – 1.5 mm²: 8 mm, Stripped length 2.5 mm²: 9 mm
375.523	Bright red Wieland 92.031.8558.0	
375.524	Pebble grey Wieland 92.031.9758.0	





CABLE MANAGEMENT

Perfect installation solutions

Bachmann banishes unwieldy cables from workstations. The KABELSCHLANGE® cable management system optimises cable routes in the workplace between the desk, floor box, wall duct and various devices.

Bachmann can offer the best cable management system for every situation. Whether the cables run along the floor or are routed from the floor to the desk, the systems are mutually compatible. A well-thought-out and integrated cable management concept is available to you.

The various systems are available finished in black and silver as standard, but we can provide custom colours on request.

Flexible cable management system

- The links are safe to step on and break-proof; they can be displaced with respect to one another
- 2 connector shoulders for the transmission of forces (including torques and lateral forces)
- Special geometry enables individual cables to be unfurled through the sides of the links without risking crushing

Art. no.	Colour	Version
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Kabelschlange® Classic (for horizontal and vertical cable routing)

930.030	Black	· 3-chamber system to separate low-current, data and power cables
930.031	Silver	· 46 chain links, W x H: approx. 53 x 23 mm · Length when separate: approx. 100 cm, pushed together: approx. 72 cm



Kabelschlange® Cube (for horizontal and vertical cable routing)

930.058	Black	· 2-chamber system to separate data and power cables
930.059	Silver	· 34 chain links, W x H: approx. 55 x 25 mm · Length when separate: approx. 100 cm, pushed together: approx. 69 cm



Kabelschlange® Pro (for horizontal and vertical cable routing)

930.032	Black	· Increased resistance to being stepped on even in high foot traffic areas such as passages
930.033	Silver	· 5 chain links can withstand short-term loads of up to 120 kg · 2-chamber system to separate data and power cables · Can also be connected directly to Kabelschlange® Classic · 34 chain links, W x H: approx. 90 x 24 mm · Length when separate: approx. 100 cm, pushed together: approx. 70 cm



Kabelschlange® Premium set (for horizontal and vertical cable routing)

930.049	Black	· Elegant premium set:
930.050	Silver	16 chain links, W x H: approx. 70 x 35 mm 1 x metal base plate in appropriate colour 1 x desk fixing 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 incl. base plate and desk fixing approx. 78 cm · Length without accessories approx. 75 cm · Length (pushed together): approx. 59 cm as set



Kabelschlange® Quadro set (for vertical cable routing)

930.016	Black	· Functional and elegant set:
930.017	Silver	23 square chain links, W x H: approx. 45 x 45 mm 1 x metal base plate in appropriate colour 1 x desk fixing in appropriate colour · Because the Quadro system is extremely stable under tension, it can be used for installations from the ceiling for room heights of up to about 5 metres. · 2-chamber system to separate data and power cables · Length incl. base plate and desk fixing approx. 76 cm



Kabelschlange® Quadro (as addition to set, art. no.: 930.016 and 930.017)

930.018	Black	· as addition to set, art. no.: 930.016 and 930.017
930.019	Silver	· For height-adjustable sit/stand combinations or table heights above 75 cm, as well as suspended ceilings · 32 links, length approx. 100 cm



Kabelschlange® FLEX II set (for vertical cable routing)

930.022	Black	· Compact and flexible set:
930.023	Silver	38 chain links, W x H: approx. 55 x 22 mm 1 x metal base plate in appropriate colour 1 x desk fixing in appropriate colour · 2-chamber system to separate data and power cables and for suspended ceilings · Length incl. base plate and desk fixing approx. 75 cm



Furniture accessories

Art. no.	Colour	Version
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Kabelschlange® FLEX II (as addition to set, art. no.: 930.022 and 930.023)

930.020	Black	· for sit/stand combinations
930.021	Silver	· 54 links. Length approx. 100 cm

Easy-Bridge®

930.027	Silver	· Walk-on aluminium floor duct, length 100 cm · Direct connection of Kabelschlange Pro® possible · For carpet
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Easy-Bridge®

930.028	Silver	· Walk-on aluminium floor duct, length 100 cm · Direct connection of Kabelschlange Pro® possible · For smooth floors
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Easy-Steel® mounting rod

930.024		· Dimensions: Length 750 mm, diameter 5 mm
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Easy-Desk-3G®

930.025	Silver	· Fixing of Easy-Steel® mounting rod
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Easy-Connect®

930.026	Silver	· Universal coupling
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Easy-Desk-2B®

930.029	Black	· Adapter for vertical connection to furniture unit
930.090	Silver	· Can be combined with Easy-Stop® and Easy-Steel® · Includes 2 screws 4 x 12 mm

Easy-Stop-2B2K®

930.091	Black	· 3-part strain relief for Kabelschlange® Classic, Cube, Pro
930.092	Silver	· Can be combined with Easy-Desk-2B® and Easy-Steel® · Includes clamping screws

Cable clamp set with strain relief

930.051	Black	· Screws onto underside of desk/table top · consisting of: Cable clamps incl. 2 fixing screws and strain relief with adjusting screw
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E-Cube-K-540® power column for power and data supply

930.166		· Used to mount sockets on inside (e.g. art. no.: 333.0122) · Material: anodised aluminium / plastic · Dimensions: Height approx. 54 cm / cover approx. 22.3 x 22.3 cm / floor approx. 24 x 24 cm · Hole diameter 80 mm including Easy Outlet® telescopic cover
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Floor connection accessories

Art. no.	Colour	Version
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Easy-Outlet® floor unit

930.098	Black	· Floor-level built-in unit
930.099	Silver	· Claw fixing with high tensile strength · Suitable for dry-cleaned raised and cavity floors

Easy-Cover® telescopic cover for floor unit

930.100	Black	· Telescopic cover set for Easy-Outlet® floor unit
930.137	Silver	

* No storage type



Illustration shows
930.099 and 930.137



Floor connection accessories

Art. no.	Colour	Version
Easy-Cover I® (system connection for floor unit)		
930.162*	Black	· Connection for 1 x Cube, Pro, Classic or Flex
930.138*	Silver	· Material: PP for use in floor outlet
Easy-Cover II® (system connection for floor unit)		
930.163*	Black	· Connection for 2 x Cube, Pro, Classic or Flex
930.139*	Silver	· Material: PP for use in floor outlet
Easy-Cover Quadro® (system connection for floor unit)		
930.164*	Black	· Connection for 1 x Kabelschlange® Quadro
930.160*	Silver	· Material: PP for use in floor outlet
Easy-Cover Premium® (system connection for floor unit)		
930.165*	Black	· Connection for 1 x Kabelschlange® Premium
930.161*	Silver	· Material: PP for use in floor outlet
Easy-Switch® distributor (for Kabelschlange® Classic, Cube, Pro)		
930.034*	Black	· 3-way distributor
930.035*	Silver	· Includes 4 KS Cube® coupling links
Easy-Switch® distributor (for Kabelschlange® Classic, Cube, Pro and one vertical K. Premium connection)		
930.057*	Black	· 4-way distributor with fixing screw and base plate · Includes 4 KS Cube® coupling links
Easy-Cap®		
930.044*	Black	· Cover cap for unused Easy-Switch connections
930.045*	Silver	
Easy-Clip-S® floor outlet adapter for all standard floor outlets		
930.036*		· For floor outlet for Kabelschlange® Classic · Dimensions: L x W: approx. 86 x 47 mm
Easy-Clip-L® floor outlet adapter for all standard floor outlets		
930.054*		· For floor outlet for Kabelschlange® Pro and Cube · Dimensions: L x W: approx. 91.5 x 51 mm



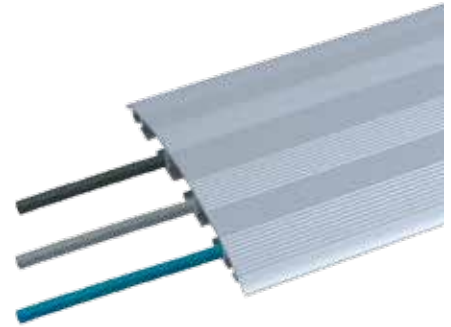
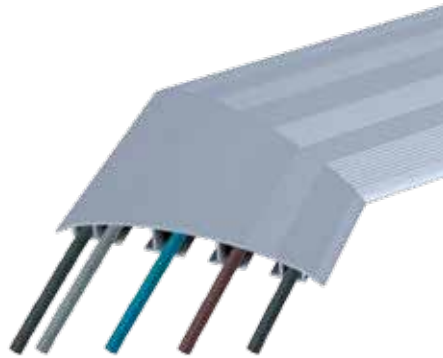
Ceiling connection accessories

Art. no.	Colour	Version
Easy-Cover B® (system connection with low transmission of force to suspended ceilings)		
930.093*	White	· Polypropylene blank cover
Easy-Cover I® (system connection with low transmission of force to suspended ceilings)		
930.094*	White	· Connection for 1 x Cube, Pro, Classic or Flex · Material: POM for suspended ceilings
Easy-Cover II® (system connection with low transmission of force to suspended ceilings)		
930.095*	White	· Connection for 2 x Cube, Pro, Classic or Flex · Material: POM for suspended ceilings
Easy-Cover Quadro® (system connection with low transmission of force to suspended ceilings)		
930.096*	White	· Connection for 1 x Kabelschlange® Quadro · Material: POM for suspended ceilings
Easy-Cover Premium® (system connection with low transmission of force to suspended ceilings)		
930.097*	White	· Connection for 1 x Kabelschlange® Premium · Material: POM for suspended ceilings



* No storage type

BRIDGE – the cable duct

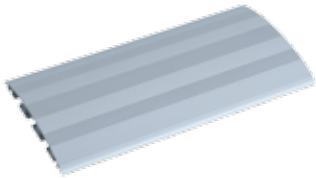


Art. no.	Length	Version
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CABLE BRIDGE Dimensions: (W x H) 146 x 9 mm

Cable duct, straight

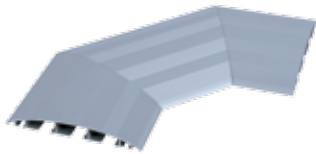
930.060	1.0 m	· Anodised aluminium profile, with rippled surface to reduce slipping
930.061	2.0 m	· 3-chamber system allowing power and data cables to be routed separately · Can be fixed with double-sided tape or screwed into place on the floor (see fixing accessories)



CABLE BRIDGE

Bracket for cable duct

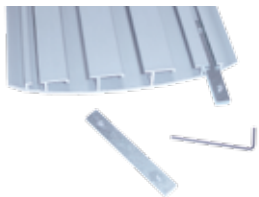
930.062	45°	· Bracket in anodised aluminium
930.063	90°	



CABLE BRIDGE

Linking element for cable duct

930.064	Straight	· Link for joining straight cable ducts · Screws into place with integral Allen bolts · 2 item
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CABLE BRIDGE

Fixing accessories for cable duct

930.065	Straight	· For screwing down cable ducts at the ends · 4 item
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Wrap textile-fibre sleeves

Wrap textile-fibre sleeves bundle and protect cables and wires in office and home environments.

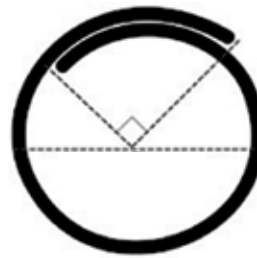
The elastic braided sheath with its monofilament fibres assures fire and abrasion resistance and is thus also ideal for professional and industrial use.



Automatic Wrap

The advantages at a glance

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



Art. no.	Length	Version
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Automatic Wrap

Dimensions: diameter 2.54 cm = 1 inch

930.900	1.0 m	• Black
930.901	2.0 m	• Black
930.902	3.0 m	• Black

Automatic Wrap

Dimensions: diameter 5.08 cm = 2 inches

930.903	1.0 m	• Black
930.904	2.0 m	• Black
930.905	3.0 m	• Black



Manual Wrap in colour

The advantages at a glance

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



Art. no.	Version	Version
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Manual Wrap

Dimensions: diameter 3.18 cm = 1 1/4 in

930.906*	1.0 m	• Black
930.907*	2.0 m	• Black
930.908*	3.0 m	• Black

Dimensions: diameter 5.08 cm = 2 in

930.909*	1.0 m	• Black
930.910*	2.0 m	• Black
930.911*	3.0 m	• Black



* No storage type

4-key keypad

Programmable illuminated buttons for controlling equipment and media.

10-inch (10") panel

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 data centres. As a rule the panels have a height of 1 height unit (1 U) with a specified height of 1.75" = 44.5 mm.

19-inch (19") panel

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 data centres. As a rule the panels have a height of 1 height unit (1 U) with a specified height of 1.75" = 44.5 mm.

Audio jack or tip-ring-sleeve (TRS) connector

Internationally accepted electrical connector for AC or DC in the low-voltage (SELV – safety extra-low voltage) range. Jack plugs, sockets and couplings are used most typically for audio signals or for connecting a small electronic device to a power supply unit. Jack plugs are often used for connecting headphones to audio equipment. Versions available: **3.5 mm (mini audio 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 connectors – Bayonet Neill Concelman

These are coaxial connectors with a bayonet lock for high frequencies up to approx. 1 GHz, in some cases up to 4 GHz, with a defined wave impedance of 50 or 75 Ω (interchangeable). They are used chiefly in radio and video systems. The BNC design has however also been used for the transmission of weak DC and low-frequency AC signals and impulses in laboratory applications because of the shielding of the outer conductor from electrical interference. The coaxial construction thus provides protection against external electric fields. For this reason, connections to measuring devices such as oscilloscopes, frequency counters and function generators generally use BNC-type cables.

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.

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 attains only class D. Additionally, a distinction is made in data connection equipment between shielded and unshielded components. Worldwide, unshielded versions are most commonly used; however, in Germany almost 100% of cabling is shielded. The currently applicable standard for this area of data connection technology is summarised in EN 50173.

Cinch (RCA)

For non-standardised connectors for electrical signals, primarily on coaxial cables. Use: 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 ('coax') cable

Coaxial cable is a special type of cable with concentrically arranged conductors for carrying high-frequency signals, such as in TV systems for analogue CVBS or for digital studio signals (DSC).

Composite Video

See **Cinch (RCA)**

Control unit

See **Media control systems**

Crossover

In computer networking, a cross or crossover cable is an eight-wire twisted-pair cable with an RJ45 plug at each end, but where some of the wires have been swapped over in one of the plugs. It is required e.g. where two computers are connected together directly. It is also possible, instead of a crossover cable, to use an uncrossed cable in conjunction with a crossover adaptor to obtain the required crossing of wire pairs. The simplest use of a crossover cable is to link two computers with network cards without necessarily requiring a hub or switch. The two computers thus connected form a complete network on the smallest possible scale. Crossover cables can normally be dispensed with in gigabit Ethernet, since Auto-MDI-X is defined in the standard for this and is supported by most devices. In a crossover cable, the sent data wire is crossed with the received data wire at one end, so that data exchange is possible over a direct connection. If the send and receive wires had not been swapped at one end, no link between the machines would be obtained.

CVBS

See **Cinch (RCA)**

DVB – Digital Video Broadcasting

By 2010 all radio and TV channels in Germany are expected to be transmitted via digital video broadcasting (DVB). The transmission paths available are terrestrial frequencies (DVB-T), cable (DVB-C) and satellite (DVB-S). A mobile radio standard (DVB-H) is still at the testing stage. In all cases a special receiver is required to receive the signal.

DVB-T

allows up to 24 TV channels to be received via a conventional domestic TV antenna. The channels are broadcast without encryption and are free of charge. So far, commercial broadcasters have only engaged in DVB-T in urban areas.

DVB-C

offers more channels – theoretically up to 500. However, a prerequisite for receiving the signal is a paid-for cable connection. Commercial broadcasters using the digital cable network usually encrypt the signal, which then requires a smart card from the network operator to decode.

Display port

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 however use the new HDMI input. There are three different types of digital video interface: **DVI-A** carries analogue signals only, **DVI-I** is capable of transmitting both analogue and digital signals, and **DVI-D** carries digital signals only. If the new TFT monitor has a DVI-D interface, the old graphics card with analogue VGA output cannot be connected to it.

EIB

The European Installation Bus (EIB) is a standard to EN50090 that describes how sensors and actuators should be connected together in a domestic installation. It also defines the communications protocol. The EIB thus controls, for example, lighting and shutters or other shade-providing devices, heating, locking and alarm systems. EIB has subsequently been further developed and been known since 2002 as the KNX standard.

Ethernet

A protocol that controls data transfer in local area networks (LANs). This standard was developed by the Californian Xerox corporation in 1976.

F connectors

(IEC 60169-24) are coaxial plugs with screw locking designed for high frequencies up to about 5 GHz with a defined wave impedance of 75 Ω. The most commonly used connector in satellite television systems worldwide.

FireWire

The FireWire interface is used for rapid data exchange between a computer and multimedia or other peripheral devices. Thanks to its high transfer rate, FireWire can also be used as an alternative to Ethernet (IP over FireWire).

Full HD TV

Full HD models offer TV and video images with 1920 x 1080 pixels – currently the highest pixel number in HDTV broadcasts or high-definition feeds. This picture quality represents five times the resolution of conventional TV pictures. Even when observed close up, the viewer cannot see any kind of pixel structure. Video projections profit in particular from full HD resolution. The term is mostly used to describe the ability of an HDTV-capable device to output the highest possible HD resolution.

Hardware detect

Automatic detection of incoming signals, e.g. if a laptop is connected to an output device while switched on, the output device automatically recognises this newly-connected device.

HDMI – High Definition Multimedia Interface

Interface for picture and sound information in HDTV and HD television systems. It enables fully digital transmission of video and digital sound with up to eight channels. The HDCP digital copy-protection system is built in.

HDTV – High Definition Television

HDTV has significantly higher resolution, shows the picture more sharply and with more detail, and is broadcast with an aspect ratio of 16:9 rather than the traditional 4:3. Resolution is up to 1920 x 1080 pixels. To receive HD pictures, a TV set is required that carries the "HD ready" seal.

Hi-Fi – High Fidelity

Hi-Fi (high fidelity) is a quality standard for audio playback equipment.

Hosiden

See **S-Video**.

Impedance

Impedance, sometimes also known as AC resistance, states the ratio of electrical voltage across a consumer (component, cable etc.) to the current drawn. Impedance is important when matching high-frequency cables and also in the transmission of electromagnetic waves in free space. If for example the input impedance of a device does not match that of the incoming cable, reflections occur that reduce the energy transmitted and that can cause resonance effects and thus a non-linear frequency response.

ISDN – Integrated Services Digital Network

International standard for a digital telephone network. Allows multiple channels to transmit simultaneously. A basic ISDN connection offers the user two independently available channels for telephone or internet. Bandwidth is 64 kb/s.

Keystone

Universal dimensions (19.3 x 14.7 mm) for cutouts for mounting components.

KNX

KNX technology resulted from the confluence of three European bus standards, the European Installation Bus (EIB), the European Home Systems Protocol (EHS) and Batibus (used in heating/ventilation/climate control) to create a unified technological platform for all areas of home and building systems in the form of an international industry standard. KNX allows central control of practically all components of home and building systems technology, from lighting through heating to alarm systems, and offers advantages of convenience, security and economy for functional buildings as well as in residential settings. The KNX specification was presented by the then newly founded KNX Association in spring 2002. Based on the EIB standard, with which the new technology platform remains fully compatible, KNX emerged from expansions using new configuration mechanisms and transfer media that had originally been developed for Batibus and EHS. By 2003 KNX was ratified by CENELEC, the Brussels-based European committee for electrical standards, as European Standard EN 50090. Shortly afterwards it was ratified by the CEN standards institute under EN 13221-1 as the European standard for the automation of buildings.

**LAN – Local Area Network**

Computer network that links various computers and peripheral devices via cables or wireless over a restricted physical area.

Loudspeaker connections

Stereo (red + white) screw terminals for audio signals.

LC

This connector 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.

Mini audio jack

A 3.5 mm jack socket for audio signals (e.g. from laptop or PC to loudspeakers).

Mini USB

A compact plug or socket version of the USB standard. This version was developed for devices with restricted space such as mobile telephones and digital cameras.

MTRJ

An optical connector that accepts two fibres; the junctions are embedded in a common plastic block in the shape of an RJ45 connector. This design also prevents any confusion of the outward and return line and is easy to insert and to remove. This connector is suitable for single-mode and multi-mode fibres.

MUTE

Switching of audio devices to silence.

OWG – Optical waveguides

Cables made up of, or including, optical fibre conductors with connectors for transmitting optical signals in the visible, ultraviolet or infrared ranges. Fibre-optic cables form a reasonably pliable medium for transmitting optical signals or even higher-powered optical radiation.

Overvoltage protection with filter

Overvoltage protection – conforms to DIN VDE 0620-1:-2002-01, EN 61643-11:08-2007, type 3, discharge current 6.5 kA, response time < 25 nS. Suitable for 16A (miniature fuse on request) with varistors, temperature fuse, gas discharge arrester, visual LED function and failure indicator (acoustic signalling also available on request). Mains and frequency filters – conforming to VDE 0565-3:05-2006 for voltage peaks up to 30 MHz, damping diagram on data sheet.

PAL – Phase Alternating Line

The conventional television standard in Europe for analogue TV signals with a resolution of 720 x 576 pixels.

Potential-free contact

Used for communicating a status between electrical devices. Contact is normally established via a relay or optical coupler. This ensures that the electric circuits of the respective devices remain galvanically isolated from one another. This solution is the simplest and safest method for e.g. transmitting digital data electrically.

PowerCON

A type of 3-pole power connector with coding and interlocking, most frequently used for stage equipment. The interlock mechanism protects against the plug being accidentally pulled out of its socket.

PS/2 interface (PS/2 connection, PS/2 port, originally 'auxiliary port'). Commonly used 6-pin serial interface for input devices (e.g. mouse and keyboard) on personal computers.

Pushbutton

Illuminated blue, various types, e.g. in desk control panels for controlling equipment. Rocker buttons are used for up/down control of external devices, e.g. screen, blinds etc.

Pushbutton: automatic switchoff

Power strips that feature an automatic switchoff device are used to automatically switch off the power to the connected equipment. Pressing the button subsequently restores power to the connected equipment.

Pushbutton: stainless steel

For connection by the user to control equipment and media.

RCA

See **Cinch (RCA)**

RGB signal

In a RGB signal the colours red, green and blue are each transmitted and/or stored in their own channel. RGB signals are used for video transmission e.g. on computers with a VGA interface or in video systems with SCART connections.

RJ (registered jack) connectors

These are standardised connectors for telecommunications cables. The standards describe the physical form of plugs and sockets and their contact configurations, and are designated by the letters RJ and a number (e.g. RJ-45), with or without the hyphen. Examples: RJ12 6P6C/RJ45 8P8C

RJ12

see **RJ (registered jack) connectors**

Router

A device that forwards data packets 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

An optical connector used in new LAN installations. The right-angled design can be used for multi-mode and single-mode (monomode) glass fibres. Average insertion loss is about 0.2 dB, maximum approx. 0.4 dB. The advantage of SC over the ST connector is the push-pull design – i.e. the plug locks in automatically when inserted and is released when pulled out. This allows the use of duplex connectors (two connectors linked by a duplex clip) and duplex connections can be inserted or removed simultaneously.

Speakon

A connector designed for loudspeakers, offering a robust construction, a 20 A contact current capacity and secure interlocking. Speakon connectors are available in two-pole, four-pole and eight-pole versions; the 2-pole and 4-pole types are mutually compatible. The eight-pole version has a larger physical size. The number of contacts available in a single connector makes it possible to connect multi-channel passive systems, satellite subwoofer systems or multi-channel monitor loudspeaker constellations via a single cable.

ST

This connector (also known as a BFOC connector) is common in LANs and is suitable for single-mode and multi-mode optical fibre cables. Average insertion loss is about 0.3 dB, maximum approx. 0.5 dB.

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 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 optical signals in the range up to about 20 Mbps. Used to carry digital audio signals between audio devices.

TrueHD

Audio standard for high-resolution media such as Blu-ray and HD DVD. TrueHD allows 100% loss-free compression of audio data. The codec allows a data rate of up to 18Mbps.

USB – Universal Serial Bus

USB is used to connect a variety of devices together by cable. USB is a bit-serial bus on which the individual bits of a data packet are transmitted one after another. Devices with USB can be connected to one another while operating, since the newly connected devices are automatically detected. USB is used to connect, for example, printers, digital cameras, MP3 players and hard disks to a computer.

VBS

See **Cinch (RCA)**

VGA / audio switch

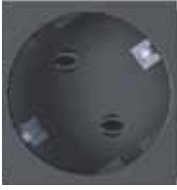
Switches between multiple input sources (e.g. several laptops) as required and forwards the signal to output media devices (e.g. projector, monitor, loudspeaker).

VGA – Video Graphics Array

refers to a computer graphics standard (EISA, 1987) that defines specific combinations of image resolution and number of colours (colour bit depth) as well as repeat frequency. VGA allows a resolution of 640 x 480 pixels, while VGA cables allow a higher resolution. The 15-pole VGA socket is used to transmit image signals (e.g. from laptop or PC monitor to a projector, VGA switch box etc.)

XLR

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


M earthing contact 35° Earthing contact

Earthing contact socket insert, 16 A/250 V~ max. 3.600 W

- Conforms to DIN VDE 0620-1 Design DIN 49 440
- Colours: black, red, white, grey
- Set at 35°
- Module width 42.5 mm
- For use in: Germany, Austria, Netherlands, Italy (some regions), Spain, Portugal, Sweden, Norway, Finland, Slovenia, Romania, Hungary, Afghanistan, Andorra, Vatican State, San Marino, Estonia, South Korea, Indonesia, Iceland, Chile, Bulgaria


M-UTE 35° France

Socket insert UTE/France 16 A/250 V~ max. 3600 W

- Conforms to NF C 61-314
- Child-proof
- Colours: black, red, white, grey
- Set at 35°
- Module width 42.5 mm
- For use in: France, Belgium, Poland, Monaco, Slovakia, Czech Republic


M-UTE IT red France

Socket insert UTE/France, IT, red 16 A/250 V~ max. 3600 W

- Conforms to NF C 61-314
- Child-proof and with additional plug-in fuse
- Colour: red
- Set at 35°
- Module width 42.5 mm
- For use in: France, Belgium, Poland, Monaco, Slovakia, Czech Republic


M-CH 0° Switzerland

Socket insert Switzerland CH 10 A/250 V~ max. 2500 W

- Conforms to SEV 1011:98
- Colours: black, red
- Set at 0°
- Module width 35 mm
- For use in: Switzerland, Liechtenstein


M-USA 0° USA

Socket insert USA 15 A/115 V~ max.

- Conforms to UL
- Colour: black
- Set at 0°
- Module width 32 mm
- For use in: USA, Canada, Mexico, South America (some regions)


M-UK FUSE 45° UK

Socket insert UK, individually fused, 3.15 A/240 V~ or 5 A/240 V~

- Conforms to BS 5733:1995
- Individually fused, optionally 3.15 A or 5 A
- Child-proof
- Colour: black
- Set at 45°
- Module width 74.8 mm
- For use in: UK as per standard for office furniture


M-UK 90° UK

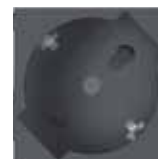
Socket insert, UK 13 A/240 V~

- Conforms to BS 1363
- Child-proof
- Colour: black
- Set at 90°
- Module width 54 mm
- For use in: UK, Ireland, Singapore, Malaysia, Cyprus, Malta, Hong Kong, Dubai


M-IT 35° Italy 

Socket outlet combination, earthing contact/Italy 10A/230V or 16A/230V~

- Child-proof
- Colour: black
- Set at 35°
- Module width 45 mm
- For use in: Italy, South Tyrol, South America (some regions)


M-AUS 90° Australia 

Socket outlet combination, Australia 10A/250V

- Conforms to AS/NZS 3112
- Colour: black
- Set at 90°
- Module width 45 mm
- For use in: Australia, New Zealand, Argentina


M-CN 90° China 

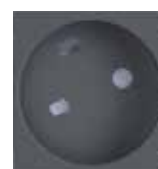
Socket insert, China 10A/250V

- Conforms to CCC
- Colour: black
- Set at 90°
- Module width 42.5 mm
- Can be used in China


M-DK 35° Denmark 

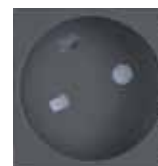
Socket insert, Denmark, domestic 10A/250V~

- Conforms to DS/IEC 60884-1:2004
- Colour: black
- Set at 35°
- Module width 42.5 mm
- For use in: Denmark


M-DK EDV 35° Denmark 

Socket insert, Denmark, IT, 10A/250V~

- Conforms to DS/IEC 60884-1:2004
- Colour: black
- Set at 35°
- Module width 42.5 mm
- For use in: Denmark


M-IEC 10A

Socket insert, non-heating appliance socket, 10A/250V~

- Conforms to IEC 320
- Colour: black
- Set at 90°
- Module width 42.5 mm
- Can be used internationally


M-IEC 16A

Socket insert, non-heating appliance socket, 16A/250V~

- Conforms to IEC 320
- Colour: black
- Set at 90°
- Module width 42.5 mm
- Can be used internationally


M-GST18i3

Socket insert, GST18i3 16A/250V~

- Conforms to DIN VDE 0628
- Colours: black, red, white, pebble grey
- Set at 90°
- Module width 42.5 mm
- Can be used internationally



Swiss plugs and couplings

Version tested by SEV.



Swiss plug Type 11, 10A
2-pole

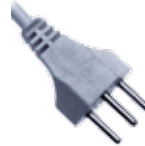


Suitable for (e.g.):

- H03VH2-F 2 x 0.75 mm²
- H05VH2-F 2 x 1.0 mm²
- H05V-F 2 x 1.00 mm²



Swiss plug Type 12, 10A
3-pole



Suitable for (e.g.):

- H03VV-F 3G 0.75 mm²
- H05VV-F 3G 0.75 mm²
- H05VV-F 3G 1.00 mm²
- H05VV-F 3G 1.50 mm²



Swiss coupling Type 11 D
2-pole



Suitable for (e.g.):

- H03VH2-F 2 x 0.75 mm²
- H03V-F 2 x 0.75 mm²
- H05V-F 2 x 1.00 mm²



Swiss right-angle plug Type 23 W, 10A/16A
3-pole



Suitable for (e.g.):

- H03VV-F 3G 0.75 mm²
- H05VV-F 3G 0.75 mm²
- H05VV-F 3G 1.00 mm²
- H05VV-F 3G 1.50 mm²

International plugs



Plug with protection class 0 Type 44
2-pole



Suitable for (e.g.):

- H03V-F 2 x 0.75 mm²
- H05V-F 2 x 0.75 mm²
- H05V-F 2 x 1.00 mm²
- H05V-F 2 x 1.50 mm²



UK plug Type 45-2, 13A
2-pole, moulded, with 13A fuse fitted



Suitable for (e.g.):

- H03VH2-2 x 0.75 mm²
- H05VH2-2 x 0.75 mm²
- H03V-F 2 x 0.75 mm²
- H05V-F 2 x 0.75 mm²
- H05V-F 2 x 1.00 mm²



UK plug Type 45, 13A
3-pole, moulded, with 13A fuse fitted



Suitable for (e.g.):

- H03VV-F 3G 0.75 mm²
- H05VV-F 3G 0.75 mm²
- H05VV-F 3G 1.00 mm²
- H05VV-F 3G 1.50 mm²



USA plug UL/CSA Type 46-2
2-pole



Cable types to suit your requirements.



USA plug UL/CSA Type 46
3-pole



Cable types to suit your requirements.

3-pole plug systems with earthing contact

Suitable for all European countries except Italy, UK and parts of Switzerland.

Right-angled earthing contact plug Type 30

With dual earthing contact system

Suitable for (e.g.):

- H03VV-F 3G 0.75 mm²
- H05VV-F 3G 0.75 mm²
- H05VV-F 3G 1.00 mm²
- H05VV-F 3G 1.50 mm²
- H07BQ-F 3G 1.50 mm²
- H05BQ-F 3G 0.75 mm²



Central earthing contact plug Type 31

With dual earthing contact system

Suitable for (e.g.):

- H03VV-F 3G 0.75 mm²
- H05VV-F 3G 1.00 mm²
- H05VV-F 3G 1.50 mm²
- 05RV4-F 3G 0.75 mm²
- H03V4V4-H 3G 1.00 mm²
- H03RT-H 3G 0.75 mm²



Central earthing contact plug Type 32

With dual earthing contact system and splashwater protection

Suitable for (e.g.):

- H05VV-F 3G 1.50 mm²
- H05RR-F 3G 0.75 mm²
- H05RR-F 3G 1.50 mm²
- H07RN-F 3G 1.00 mm²
- H07RN-F 3G 1.50 mm²
- H07BQ-F 3G 1.50 mm²
- H07RN-F 3G 2.50 mm²



Earthing contact coupling Type 34

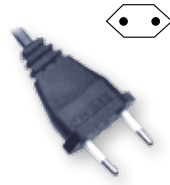
Suitable for (e.g.):

- H05VV-F3G 1.00 mm²
- H05VV-F 3G 1.50 mm²
- H05VV-F 3G 2.50 mm²
- H07RN-F 3G 1.00 mm²
- H07RN-F 3G 1.50 mm²



2-pole plug systems without earthing contact

Suitable for all European countries except Italy, UK and parts of Switzerland.



Euro flat plug **Type 20 F**

Suitable for (e.g.):

- H03VH2-F 2 x 0.75 mm²
- H05VH2-F 2 x 0.75 mm²



Euro flat plug **Type 20**

Suitable for (e.g.):

- H03VH2-F 2 x 0.75 mm²
- H05VH2-F 2 x 0.75 mm²
- H03VV-F 2 x 0.75 mm²
- H05VV-F 2 x 0.75 mm²



Contour plug **Type 24**

Suitable for (e.g.):

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



Contour plug **Type 24 K**

Suitable for (e.g.):

- H05VV-F 2 x 0.75 mm²
- H05VV-F 2 x 1.00 mm²



Contour plug **Type 24 G**

Suitable for (e.g.):

- H05RN-F 2 x 1.00 mm²
- H07RN-F 2 x 1.00 mm²
- H07RN-F 2 x 1.50 mm²
- H05BQ-F 2 x 1.00 mm²
- H07BQ-F 2 x 1.50 mm²



Contour plug **Type 24 S**

Splashwater protected, impact resistant

Suitable for (e.g.):

- H07RN-F 2 x 1.00 mm²
- H07RN-F 2 x 1.50 mm²
- H05BQ-F 2 x 1.0 mm²
- H05BQ-F 2 x 1.5 mm²

IEC appliance connectors

Non-heating appliance plug, central Type 35 S		Non-heating appliance plug, central Type 35 S	
2-pole, 70°C		3-pole, 70°C	
Suitable for (e.g.): · H05VV-F 2 x 0.75 mm ² · H05VV-F 2 x 1.00 mm ²		Suitable for (e.g.): · H05VV-F 3G 0.75 mm ² · H05VV-F 3G 1.00 mm ²	
Non-heating appliance socket outlet, central Type 35-2		Non-heating appliance socket outlet, central Type 35	
2-pole, 70°C		3-pole, 70°C	
Suitable for (e.g.): · H05VV-F 2 x 0.75 mm ² · H05VV-F 2 x 1.00 mm ²		Suitable for (e.g.): · H05VV-F 3G 0.75 mm ² · H05VV-F 3G 1.00 mm ²	
Side-entry non-heating appliance socket Type 35-2 W		Side-entry non-heating appliance socket Type 35 W	
2-pole, right, left, 70°C		3-pole, right, left, 70°C	
Suitable for (e.g.): · H05VV-F 2 x 0.75 mm ² · H05VV-F 2 x 1.00 mm ²		Suitable for (e.g.): · H05VV-F 3G 0.75 mm ² · H05VV-F 3G 1.00 mm ²	
Small appliance socket Type 25 D		High-temperature appliance socket Type 37	
120°C, mounted		155°C, mounted	
Suitable for (e.g.): · H03VWH2-F 2 x 0.75 mm ²		Cable types to suit your requirements.	

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