

PEKRA

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Custom modules

For individual configurations in facility systems,
rack systems and electrical installations

**BACH
MANN**

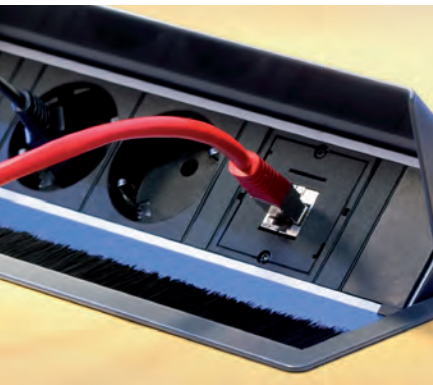
Bachmann custom modules are the central components of video, audio and network connections. Their construction offers you simple and flexible installation in facility systems, rack systems and electrical installations. The versatility of custom modules make Bachmann facility systems even more flexible. The easy-to-swap modules let you 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 the optimal configuration for every media and network connection requirement. Here also, socket/socket or screw-terminal connections provide great simplicity of installation.

Bachmann custom modules also offer you an outstanding addition to electrical installations. 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**

- Modules are flexible in terms of interchangeability
- For data, video and audio connections
- Can be used in facility systems, rack systems and electrical installations
- Can be integrated into the switch ranges of reputable manufacturers
- Easy to connect via socket/socket or screw terminals



Facility systems



Media rack

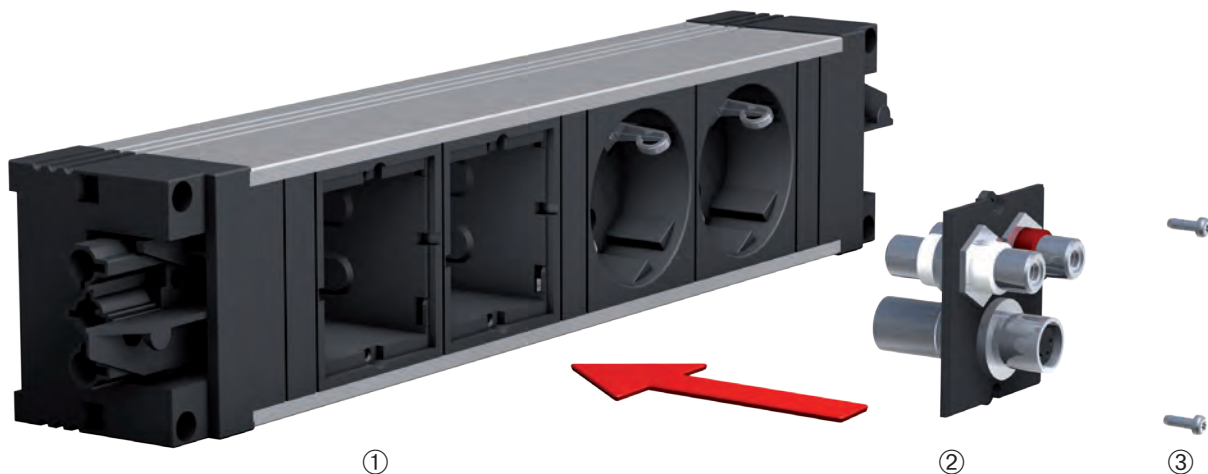


Electrical installations



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 by two Torx screws^③. The custom modules can be easily exchanged by loosening the screws.

Custom modules in facility systems

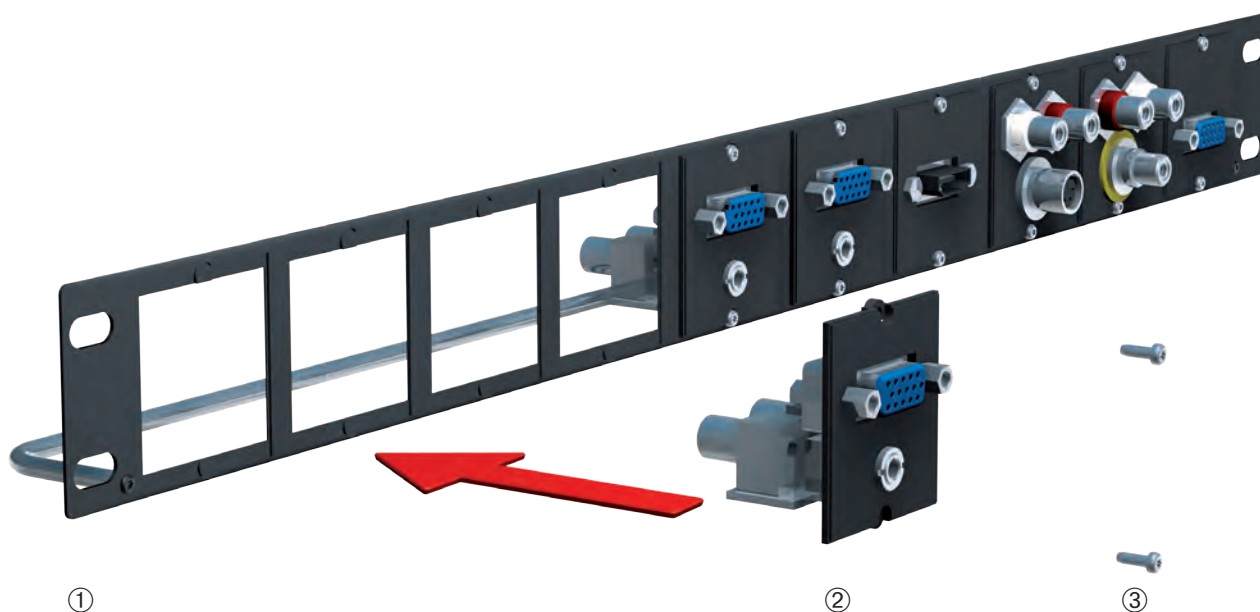
Individual configuration

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. Screws are supplied together with custom modules.

The greatest flexibility – prepared for the future

Any change in the configuration offers you the opportunity to upgrade your equipment to the latest state of the art at any time. 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.



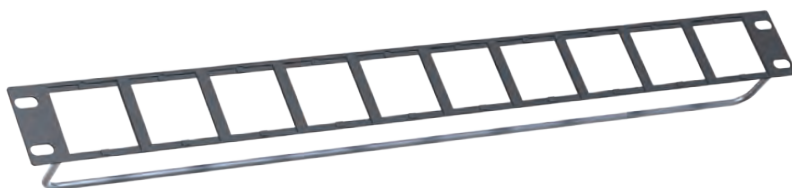


Our 19" and 10" racks ① accept custom modules ②, which are simply inserted and screwed in. System integration is made easy with the open construction and socket/socket or screw-terminal custom modules.

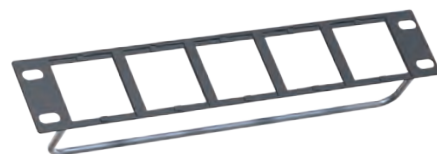
Custom modules in rack installations

Full integration of media and network technologies

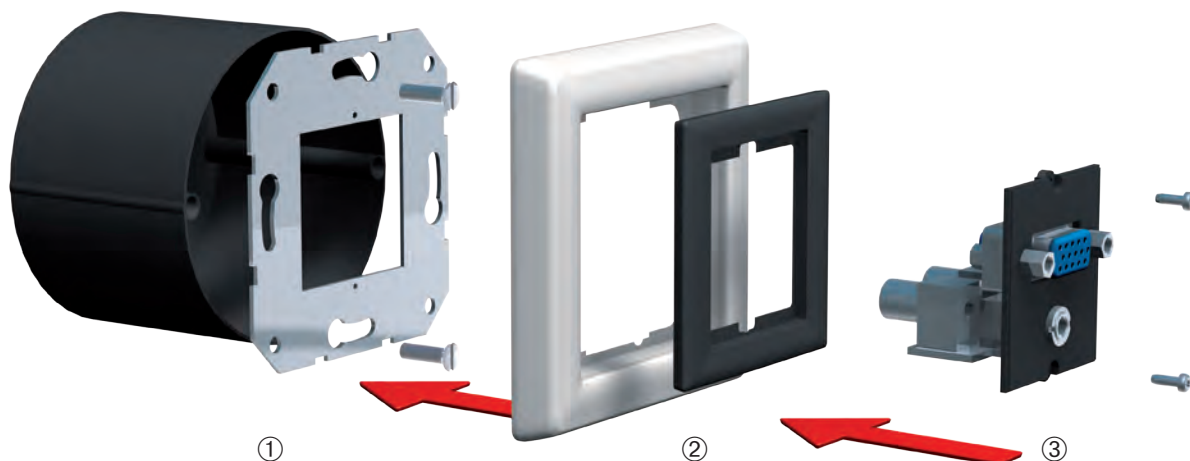
The 19" and 10" panels offer simple and flexible integration of media and network technologies into your rack system. The custom modules, easily screwed into place (Torx M2 screws ② included with the panels) enable you to respond to changes in system requirements at any time. Socket/socket and screw-terminal 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)

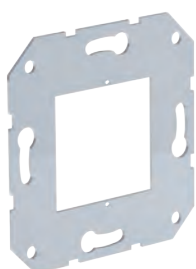


Using a mounting plate^① and adapter frame^② (see page 8), custom modules^③ can be installed in a switch box.

Custom modules in electrical installations

Unlimited installation options

Entirely new possibilities have opened up for electrical installations, yet require few additional components. Installable in either a switch frame 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 frames 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 10.



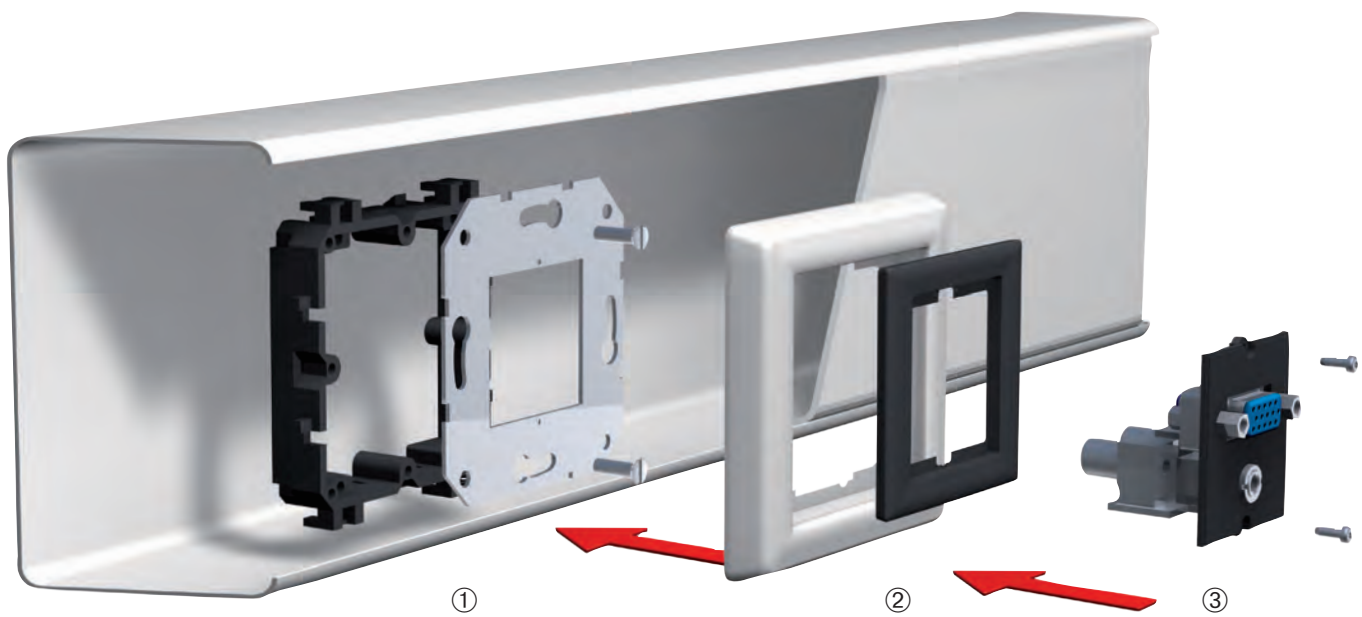
917.064 mounting plate
(Suitable Torx M2 screws included)



917.065 + 917.066
adapter frames



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



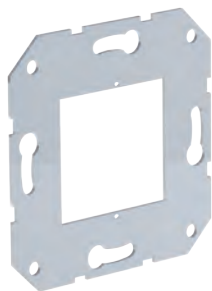
The mounting box is inserted into the trunking.
This forms the base onto which the mounting plate^①
and adapter frame^② (50 x 50 mm or 55 x 55 mm)
and the Bachmann custom module^③ are bolted.

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 floor boxes from various
manufacturers (e.g. Obo Bettermann/Ackermann and Electraplan). Please check
the installation depth required by the custom modules.



917.067 Floor box bracket
(Suitable Torx M2 screws included)

Accessories



Part no.	Price in €*	Version
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Mounting plate for Costum Module in installation switch frames		inox steel
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917.064	6.90	<ul style="list-style-type: none"> · Mounting plate inox steel for usual junction boxes in brick or cavity walls and trunking systems · Incl. 2 Torx M2 screws · For trunking systems a additional fixing frame from trunking system producer is required
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Adapter frame for installation switch frames		plastic
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917.065	3.05	<ul style="list-style-type: none"> · 50 x 50 mm · Black · For mounting in different switch frame systems (with 50 x 50 mm inner dimension) in combination with the mounting plate 917.064 Please check the compatibility to the switch frame systems from page 10
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Adapter frame for installation switch frames		plastic
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917.066	3.05	<ul style="list-style-type: none"> · 55 x 55 mm · Black · For mounting in different switch frame systems (with 55 x 55 mm inner dimension) in combination with the mounting plate 917.064 Please check the compatibility to the switch frame systems from page 10
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Part no.	Price in €*	Version
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Floor box bracket 2-way**steel in colour black**

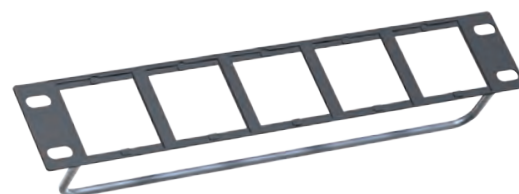
917.068	56.80	<ul style="list-style-type: none"> · For mounting in usual floor boxes (i.e. Obo Bettermann, Electraplan a.s.o.) · For mounting of 2 custom modules (crosswise installation) · Incl. Torx M2 screws
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**Floor box bracket 3-way****steel in colour black**

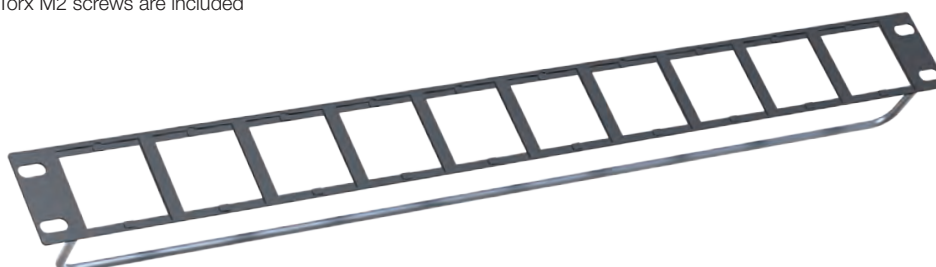
917.067	74.40	<ul style="list-style-type: none"> · For mounting in usual floor boxes (i.e. Obo Bettermann, Electraplan a.s.o.) · For mounting of 3 custom modules (crosswise installation) · Incl. Torx M2 screws
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**10" custom modul panel 1 HE****aluminum black anodized**

903.001	66.70	<ul style="list-style-type: none"> · For mounting up to 5 custom modules · Mounting accessories and Torx M2 screws are included
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**19" custom modul panel 1 HE****aluminum black anodized**

903.000	86.10	<ul style="list-style-type: none"> · For mounting up to 10 custom modules · Mounting accessories and Torx M2 screws are included
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Producer of installation switch frames

Producer *	Switch frame *	Bachmann Adapter frame	+ Adapter frame producer number
Berker	S.1	917.066	–
	B.1	917.066	–
	B.3	917.066	–
	B.7 Glas	917.066	–
	K.1	917.065	11087124 11087106 11087109 11087102
	K.5	917.065	11087104
	Arsys	917.065	11080101 11089104 11089111 11080169 11080102
	Modul 2	917.065	114309 114302
Busch-Jaeger	carat	917.065	1746/10-81 1746/10-82 1746/10-84
	pur edelstahl	917.065	1746/10-866
	impuls	917.065	1746/10-71 1746/10-72 1746/10-74 1746/10-79 1746/10-777 1746/10-783
	solo	917.065	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	1746/10-84
	alpha nea	917.065	1746/10 1746/20 1746/21 1746/22G 1746/24 1746/24G 1746/26 1746/28
	alpha exclusive	917.065	1746/10-22G 1746/10-24G 1746/10-233 1746/10-255 1746/10-260 1746/10-266
	future	917.065	1746/10-82 1746/10-84 1746/10-85 1746/10-89
	Future linear	917.065	1746/10-81 1746/10-82 1746/10-83 1746/10-84 1746/10-89
	Reflex SI	917.065	1746-214 1746-101
	Busch-Duro 2000 SI	917.065	1746-212 1746-101
EGB	Elegant Standard	917.065	143090045
ELSO	JOY	917.065	363080 363084
	RIVA	917.065	203080 203084 2030831 2030811 2030819
	RIVA	917.066	203160 203164 2031611 2031619
	SCALA	917.065	203080 203084 2030811 2030819
	SCALA	917.066	203160 203164 2031611 2031619
	FASHION	917.065	203080 203084 203081 2030812 203082 2030831 203086 203089 2030844
	FASHION	917.066	203160 203164 203160D
	NOVIA	917.066	284800 284804
	NOVIA	917.065	283160 283164 2831631 2831612 283166 283169 2831611
	CLASSIC	917.065	303110 303111
Gira	Standard 55	917.066	–
	E2	917.066	–
	Event	917.066	–
	Esprit	917.066	–
	E22	917.066	0289202
	Edelstahl Serie 20/21	917.066	028920
	TX_44	917.066	028966 028967 028965
	Flächenschalter	917.066	0289111 0289112
	S-Color	917.065	028240 028242 028243 028246 028247
Jäger	Opus	917.065	560.050.02
Hager-Tehalit	kallysto.pur	917.065	WYA550 WYA551 WYA556 WYA557
	kallysto.stil	917.065	WYA550 WYA551 WYA556 WYA557
	kallysto.art	917.065	WYA550 WYA551 WYA556 WYA557
Jung	AS 500	917.066	–
	AS Universal	917.066	–
	A 500	917.066	–
	A plus	917.066	–
	A creation	917.066	–

Producer of installation switch frames

Producer*	Switch frame*	Bachmann Adapter frame	+ Adapter frame producer number
Jung	LS-design	917.066	AL2961Z5-L ES2961Z5-L
	LS 990	917.066	LS961Z5WW LS961Z5SW LS961Z5AL
	LS plus	917.066	AL2961Z5-L ES2961Z5-L
	FD-design	917.066	AL2961Z5-L ES2961Z5-L
	CD 500	917.065	590ZCD 590ZWW
	LS 990	917.065	LS961Z LS961ZWW LS961ZLG LS961ZSW
	LS 990	917.065	LS961Z5 LS961Z5WW LS961Z5SW
	Aluminium	917.065	LS961Z LS961ZWW LS961ZLG LS961ZSW
	Aluminium	917.066	LS961Z5 LS961Z5WW LS961Z5SW AL2961Z5-L ES2961Z5-L
	Edelstahl	917.065	LS961Z LS961ZWW LS961ZLG LS961ZSW
	Edelstahl	917.066	LS961Z5 LS961Z5WW LS961Z5SW AL2961Z5-L ES2961Z5-L
	Anthrazit	917.065	LS961Z LS961ZWW LS961ZLG LS961ZSW
	Anthrazit	917.066	LS961Z5 LS961Z5WW LS961Z5SW AL2961Z5-L ES2961Z5-L
	Glanzchrom	917.065	LS961Z LS961ZWW LS961ZLG LS961ZSW
	Glanzchrom	917.066	LS961Z5 LS961Z5WW LS961Z5SW AL2961Z5-L ES2961Z5-L
Legrand	Creo	917.065	776095 776295
	Galea Live	917.065	771099 771299 771399 771499 771599
Merten	1-M	917.066	–
	ATELIER-M	917.066	–
	M-SMART	917.066	–
	M-PLAN	917.066	–
	M-PLAN GLAS	917.066	–
	M-PLAN Metall	917.066	–
	M-PLAN II	917.066	–
	M-ARC	917.066	–
	M-STAR	917.066	–
	ARTEC	917.065	516094 516099
	AQUADESIGN	917.065	518344 518319 518314 518360
PEHA	Standard	917.066	219511 219611
	Standard	917.065	219411 219211 219711 219311 218711
	Dialog	917.065	828611 819511 768611 847311 838011 778611 316611
	Aura	917.065	117211 129511 155811
	Nova	917.065	027211 042211 057211
	Nova	917.066	100511 100711 100611
POPP	FOREVER	917.065	729828 729811
	PALLAS	917.065	729842 729866 729859
	ARCADA	917.065	–
Presto-Vedder	Regina Klassik	917.065	730RW 730RUW
	Alessa	917.065	230RUW
	Alessa plus	917.065	230RUW
	Fiorena	917.065	3030RUW 3030RW 3030RSI 3030RSGR
Siemens	DELTA line	917.065	5TG2557 5TG2587 5TG1160 5TG1150
	DELTA vita	917.065	5TG2557 5TG1160 5TG1150
	DELTA miro	917.065	5TG2557 5TG2587 5TG1160 5TG1150
	DELTA style	917.065	5TG1326 5TG1326-1 5TG1366
	DELTA style	917.066	5TG1327 5TG1327-1 5TG1367
	DELTA profil	917.065	5TG1806 5TG1866 5TG1766 5TG1836 5TG1706-1 5TG1746-1
	DELTA profil	917.066	5TG1893 5TG1885 5TG1762 5TG1835 5TG1705-1 5TG1745-1

*Name and productdescription of the producer

**For mounting in installation switch frames please order the adapter frame

Modules

Module for data connections

· All modules are supplied with 2 Torx T6 screws



Modul 2x Keystone

Part no. 917.000 1.26 €*

- Module, black, accepts 2 data sockets with Keystone fitting
- Suitable for subsequent socket versions



Modul 2x Keystone with metal holder

Part no. 917.061 6.90 €*

- Module, black, accepts 2 data sockets with Keystone fitting
- Keystone fitting with metal holder on rear of cover for high mechanical stresses
- Suitable for subsequent socket versions



Modul 1x Keystone

Part no. 917.001 1.26 €*

- Module, black, accepts 1 data socket with Keystone fitting
- Suitable for subsequent socket versions



Modul 1x Keystone with metal holder

Part no. 917.062 6.90 €*

- Module, black, accepts 1 data socket with Keystone fitting
- Keystone fitting with metal holder on rear of cover for high mechanical stresses
- Suitable for subsequent socket versions



Socket/socket



CAT5e coupling socket/socket

Part no. 940.057 8.82 €*

- Front: RJ45 (keystone mounting system)
- Rear: RJ45 (keystone mounting system)
- Shielded



CAT6 coupling socket/socket

Part no. 940.112 11.45 €*

- Front: RJ45 (keystone mounting system)
- Rear: RJ45 (keystone mounting system)
- Unshielded



CAT6 coupling socket/socket

Part no. 940.044 14.49 €*

- Type: BTR E-DAT
- Front: RJ45 (keystone mounting system)
- Rear: RJ45 (E-DAT mounting)
- Shielded



ISDN RJ12 Buchse/Buchse

Part no. 940.085 5.04 €*

- Front: RJ12 (keystone mounting system)
- Rear: RJ12 (keystone mounting system)
- Unshielded



Covers



Shutter RJ 45

Part no. 930.143 1.37 €*

- Cover for Keystone custom module
- Does not require tools
- Plugs into custom module 917.000/917.001/917.051/917.052
- Supplied with paper labelling strips
- Universally compatible for 1 and 2 data connections
- Ideal as dust cover for data socket contacts when not in use



Keystone socket cover

Part no. 917.057 0.80 €*

- Socket cover, clips into an empty Keystone socket
- Can be used as a placeholder to allow later insertion of further jacks
- Suitable for 917.000/917.001/917.061/917.062



■ Facility systems ■ IT rack panel ■ Electrical installations

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

Data connections



CAT6a 10GB patch cable plug/socket 3.0 m

Part no. 918.033 29.90 €*

- Front: Socket RJ45 CAT6a TKM 10GB
- Cable, black, with RJ45 plug
- Shielded



CAT6 patch cable plug/socket 3.0 m

Part no. 940.042 37.28 €*

- Front: RJ45 socket
- Typ Telegärtner AMJ, J00029A0036
- Black cable with RJ45 plug Type Stewart
- Shielded
- Not suitable for 917.062



CAT6a 10GB patch cable plug/socket 5.0 m

Part no. 918.034 37.50 €*

- Front: Socket RJ45 CAT6a TKM 10GB
- Cable, black, with RJ45 plug
- Shielded



CAT6 patch cable plug/socket 5.0 m

Part no. 940.043 44.63 €*

- Front: RJ45 socket
- Typ Telegärtner AMJ, J00029A0036
- Black cable with RJ45 plug Type Stewart
- Shielded
- Not suitable for 917.062



CAT6a 10GB socket TKM

Part no. 918.035 9.10 €*

- CAT6 connector socket TKM 10GB
- Shielded
- Without cable (designed for connection of cable without tools)



CAT6 Telegärtner AMJ

Part no. 940.050 13.02 €*

- CAT6 connector socket
- Typ Telegärtner AMJ, J00029A0036
- Shielded
- Without cable (designed for connection of cable without tools)
- Not suitable for 917.062



LWL-connectors



LWL-LC Duplex Keystone

Part no. 918.071 29.70 €*

- LWL-LC Duplex coupling
- Keystone mounting system



LWL-SC Keystone

Part no. 918.072 16.40 €*

- LWL-SC coupling
- Keystone mounting system



LWL-ST Keystone

Part no. 918.073 16.40 €*

- LWL-ST coupling
- Keystone mounting system



LWL-MT-RJ Keystone

Part no. 918.074 26.20 €*

- LWL-MT-RJ coupling
- Keystone mounting system



TOSLINK Keystone

Part no. 918.045 11.96 €*

- TOSLINK coupling Audio
- Keystone mounting system



■ Facility systems
 ■ IT rack panel
 ■ Electrical installations

Modules

Other Keystone connector sockets suitable for custom modules: 917.000, 917.001, 917.061 and 917.062

Tyco Electronics / AMP NETCONNECT**

- SL Series 110Connect jacks CAT6
- SL Series 110Connect jacks CAT5e
- SL Serie 110Connect jacks CAT3
- SL Serie Toolless jacks CAT5e
- SL Serie Toolless jacks CAT3
- Modular telephon coupler RJ45/RJ11 coupler
- AMP-TWIST-6S SL jacks CAT6
- Standard 110Connect jacks CAT5e***
- Standard 110Connect jacks CAT3 RJ45/RJ11***

ADC KRONE**

- KM8 RJ45 Modular Keystone, shielded***
- KM8 RJ45 Modular Keystone, unshielded***

BELDEN**

- Giga Flex MDVO
- Giga Flex Keystone

BRAND-REX**

- CAT5e GIGAPlus jack 110 IDC 568***
- CAT6 Plus***
- CAT6 Keystone plus***
- CAT6 Keystone Snap In
- 10GPLUS Jack, shielded

BTR**

- E-DAT module coupling 8(8) CAT6 1309A0-I
- UAE module CAT6 unshielded 130909-I
- UAE module CAT5e unshielded 130908-I

CIMABOX**

- CAT5e and CAT6 Keystone CJ545U/CJ545F
- Shielded and unshielded CJ645U/CJ645F

DAETWYLER**

- unilan RJ45 coupling CAT6 417 446
- unilan module KS 1/8 CAT6 RJ45 418 050
- unilan module KS 1/8 CAT5e RJ45 418 051
- unilan module KST 1/8 toolless CAT6 RJ45 418 053
- unilan module KU 1/8 CAT6 418 080
- unilan module KU 1/8 CAT6 418 081
- unilan module KU 1/8 CAT5e 418 082
- unilan module KU 1/8 CAT5e 418 083

EFB ECOLAN**

- CAT6a RJ45 module, shielded
- CAT6 RJ45 module, unshielded
- CAT6 RJ45 module, shielded
- CAT6 Class E RJ45 module, shielded
- CAT6 Class E RJ45 module, unshielded
- CAT5e RJ45 module, shielded
- CAT5e RJ45 module, unshielded
- CAT6 RJ45 coupling, shielded
- CAT6 RJ45 coupling, unshielded
- Snap-in RJ45 adapter
- Snap-in RJ45 adapter***
- Modular panel jack***

EFB ECOLAN**

- Ersys 628MC-8-C5E***
- Ersys 356k-8c5e***
- CAT5C-SIJ-FKey-002***

GIGAMEDIA**

- RJ45 CAT6 UTP/STP
- RJ45 CAT6 contacts 110 UTP/STP
- RJ45 CAT5e UTP/STP

KERPEN**

- Eline 250 MLS RJ45, shielded
- Eline 250 MLU RJ45, unshielded

RUTENBECK**

- UM-real.Cat.6a A

SETEC**

- CAT6 modular Keystone jack, shielded

TELEGÄRTNER**

- AMJ module K CAT6+
- AMJ coupling K CAT6
- AMJ coupling K CAT5e

3M**

- Volition RJ45 K6 module without shielding cover***

Modules for data connections

· All modules are supplied with 2 Torx T6 screws.

**Module 2x BTR E-DAT module CAT6**

Part no. 917.038 3.89 €*

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

**Module 1x BTR E-DAT module CAT6**

Part no. 917.006 3.78 €*

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



BTR**

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

DAETWYLER**

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

KERPEN**

- VarioKeystone connector RJ45

**Module 1x Systimax CAT6**

Part no. 917.003 4.94 €*

- Module with cut-out and mounting plate for 1x Systimax CAT6 (not included)

**Modul 1x Corning CAT6**

Part no. 917.002 3.78 €*

- Module with cut-out and mounting plate (black) for 1x Tera CAT6 (not included)

**Module 1x RDM CAT6**

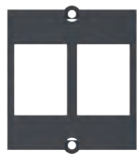
Part no. 917.005 5.04 €*

- Module with cut-out and mounting plate for 1x Reichle de Masari (RDM) CAT6 (not included)

**Module 1x Panduit CAT6**

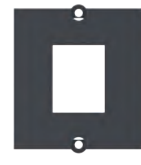
Part no. 917.007 6.72 €*

- Module with cut-out and mounting plate black for 1x Panduit CAT6 (not included)

**Nexans module 2x**

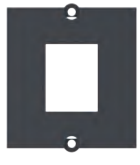
Part no. 917.052 3.89 €*

- Module, black, with cut-out for 2 Nexans LANmark-6 CAT6 (clips in with Keystone Nexans clip)
- Data socket and Keystone clip available separately

**Nexans module 1x**

Part no. 917.051 3.78 €*

- Module, black, with cut-out for 1 Nexans LANmark-6 CAT6 (clips in with Keystone Nexans clip)
- Data socket and Keystone clip available separately

**Modul 1x CAT7 Tera**

Part no. 917.008 3.78 €*

- Module with cut-out and mounting plate (black) for 1x Tera CAT7 (not included)

**Modul 2x CAT7 Tera**

Part no. 917.039 3.89 €*

- Module with cut-out and mounting plate (black) for 2x Tera CAT7 (not included)



CORNING**

- S1200 module S1200 shielded CAT7 +

DAETWYLER**

- unilan PS 1/8 CAT7

Please ask separately if custom modules are required for additional data connections.

Facility systems
 IT rack panel
 Electrical installations

*Non-binding recommended price excl. German sales tax, per unit

**Name and productdescription of the producer

VGA socket custom module



Front:

- VGA 15-pin socket to carry display signal
(e.g. from laptop, PC monitor to projector, beamer, VGA switch box etc.)



Socket

Part no. 917.011 23.06 €*

Rear:

- Socket, without cable
- approx. 70 mm depth needed



Screw contact

Part no. 917.069 58.23 €*

Rear:

- Screw contact, 10-pole
- approx. 50 mm depth needed



Cannot be used with CONI



Socket with cable

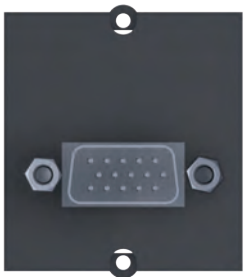
Part no. 917.070 51.43 €*

Rear:

- 5x BNC socket, 0,3 m cable
- approx. 35 mm depth needed



VGA plug custom module



Front:

- VGA 15-pin plug to carry display signal
(e.g. from laptop, PC monitor to projector, beamer, VGA switch box etc.)



Screw contact

Part no. 917.072 58.23 €*

Rear:

- Screw contact, 10-pole
- approx. 50 mm depth needed



Cannot be used with CONI

VGA + stereo custom module



Front:

- VGA 15-pin socket to carry display signal
(e.g. from laptop, PC monitor to projector, beamer, VGA switch box etc.)
- 3,5 mm miniature jack socket for sound
(e.g. from laptop, PC to loudspeaker connection)

**3x socket**

Part no. 917.013

35.57 €*

Rear:

- Socket, without cable
- Cinch stereo socket
- approx. 70 mm depth needed



Cannot be used with CONI

**Socket, socket with cable**

Part no. 917.014

31.96 €*

Rear:

- Socket, without cable
- Cinch stereo socket, 0,1 m cable
- approx. 70 mm depth needed

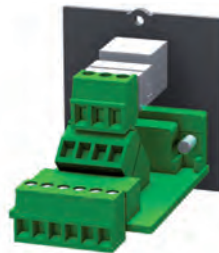
**Socket, socket with cable**

Part no. 917.045

31.30 €*

Rear:

- Socket, without cable
- Stereo socket, 0,1 m cable
- approx. 70 mm depth needed

**2x screw contact**

Part no. 917.071

67.77 €*

Rear:

- Screw contact, 10-pin
- Stereo with screw terminal, 3-pole
- approx. 50 mm depth needed



Cannot be used with CONI

**Socket with cable, screw contact**

Part no. 917.073

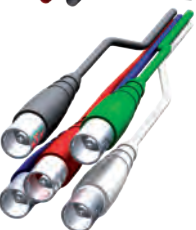
60.98 €*

Rear:

- 5x BNC socket, 0,3 m cable
- Stereo with screw terminal, 3-pole
- approx. 35 mm depth needed



Cannot be used with CONI



VGA

VGA + stereo + button VGA switch box



Front:

- VGA 15-pin socket to carry display signal
(e.g. from laptop, PC monitor to projector, beamer, VGA switch box etc.)
- 3,5 mm miniature jack socket for sound
(e.g. from laptop, PC to loudspeaker connection)
- Button red, for operating a VGA switch box with a professional VGA cable set
(see page 109, Bachmann Complete Catalogue)

Socket, socket and plug connector with cable

Part no. 917.015

55.34 €*

Rear:

- Socket, without cable
- Cinch stereo socket, 0,1 m cable
- Button plug connector, 0,1 m cable, white
- approx. 70 mm depth needed



VGA + stereo + button Connect Box



Front:

- VGA 15-pin socket to carry display signal
(e.g. from laptop, PC monitor to projector, beamer, VGA switch box etc.)
- 3,5 mm miniature jack socket for sound
(e.g. from laptop, PC to loudspeaker connection)
- Button green, illuminated, for operating Connect Box
(see page 104, Bachmann Complete Catalogue)

Socket, socket and plug connector with cable

Part no. 917.044

106.50 €*

Rear:

- Socket, without cable
- Cinch stereo socket, 0,1 m cable
- Button plug connector, 5-pin, 0,1 m cable
- approx. 70 mm depth needed



VGA + stereo + button custom module



Front:

- VGA 15-pin socket to carry display signal
(e.g. from laptop, PC monitor to projector, beamer, VGA switch box etc.)
- 3,5 mm miniature jack socket for sound
(e.g. from laptop, PC to loudspeaker connection)
- Button blue, illuminated, for switching of devices
(e.g. switch box)



2x screw contact, micro screw terminal

Part no. 917.074

146.77 €*

Rear:

- Screw contact, 10-pole
- Miniature jack screw contact, 3-pole
- Button micro screw terminal
- approx. 50 mm depth needed



Cannot be used with CONI



Socket, screw contact, micro screw terminal

Part no. 917.077

139.06 €*

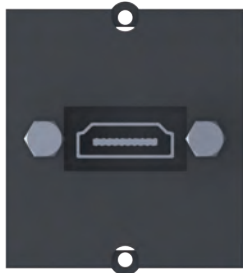
Rear:

- 5x BNC socket, 0,3 m cable
- Miniature jack screw contact, 3-pole
- Button micro screw terminal
- approx. 50 mm depth needed



Cannot be used with CONI

HDMI custom module



Front:

- HDMI socket
for picture and sound transmissions of
devices with HDMI connector
(e.g. from laptop, PC monitor, DVD, to
plasma tv, projector, DVD, SAT etc.)

BNC + Cinch stereo custom module



Front:

- BNC video (yellow) socket
to connect a video source
(e.g. DVD, VHS, video camera to a
projector, TV, digi cam etc.)
- Cinch stereo (red + white) socket to
connect a audio source (hi-fi)



Socket

Part no. 917.020

51.50 €*

Rear:

- Socket, without cable
- approx. 60 mm depth needed



3x Socket

Part no. 917.027

47.78 €*

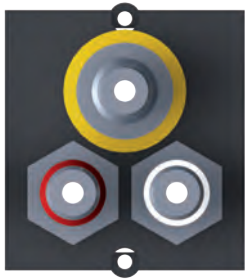
Rear:

- Socket, without cable
- Cinch stereo socket, without cable
- approx. 65 mm depth needed



Cannot be used with CONI

Video + Cinch stereo custom module



Front:

- Cinch video (yellow) socket to connect a video source (e.g. DVD, VHS, video camera to a projector, TV, digi cam etc.)
- Cinch stereo (red + white) socket to connect a audio source (hi-fi)



3x socket

Part no. 917.026

47.50 €*

Rear:

- Socket, without cable
- Cinch stereo socket, without cable
- approx. 50 mm depth needed



2x screw contact

Part no. 917.085

35.43 €*

Rear:

- Screw contact
- Cinch stereo screw contact
- approx. 30 mm depth needed



S-Video + Cinch stereo custom module



Front:

- S-video (S-VHS/Hosiden) socket to connect a S-Video source (e.g. DVD, VHS, video camera to a projector, TV, digi cam etc.)
- Cinch stereo (red + white) socket to connect a audio source (hi-fi)



3x socket

Part no. 917.028

46.31 €*

Rear:

- Socket, without cable
- Cinch stereo socket, without cable
- approx. 60 mm depth needed



2x screw contact

Part no. 917.081

35.43 €*

Rear:

- Screw contact, 4-pole
- Cinch stereo screw contact, 3-pole
- approx. 30 mm depth needed



S-video + Cinch video custom module



Front:

- S-video (S-VHS/Hosiden) socket to connect a S-video source (e.g. DVD, VHS, video camera to a projector, TV, digi cam etc.)
- Cinch video (yellow) socket to connect a video source (e.g. DVD, VHS, video camera to a projector, TV, digi cam etc.)



2x socket

Part no. 917.035

36.44 €*

Rear:

- Socket, without cable
- Cinch video socket, without cable
- approx. 65 mm depth needed



Socket, screw contact

Artikelnr. 917.083

48.80 €*

Rear:

- Screw contact, 4-pole
- 2x BNC socket, 0,3 m cable
- approx. 30 mm depth needed



BNC R/G/B custom module



Front:

- BNC R/G/B (red, green, blue) socket to connect a video source (e.g. DVD, VHS, video camera to a projector, TV, digi cam etc.)



Socket

Part no. 917.090

41.43 €*

Rear:

- Socket, without cable
- approx. 65 mm depth needed



Cannot be used with CONI

Cinch R/G/B custom module



Front:

- BNC R/G/B (red, green, blue) socket to connect a video source (e.g. DVD, VHS, video camera to a projector, TV, digi cam etc.)
- Cinch stereo (red + white) socket to connect a audio source (hi-fi)



Screw contact

Part no. 917.088

35.43 €*

Rear:

- Screw contact, 6-pole
- approx. 30 mm depth needed



Cinch stereo custom module



- Front:
- Cinch stereo (red + white) socket to connect a audio source (hi-fi)



Socket

Part no. 917.022

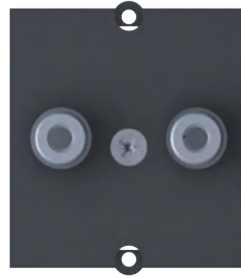
38.72 €*

Rear:

- Socket, without cable
- approx. 55 mm depth needed



2x Cinch stereo custom module



- Front:
- 2x Cinch stereo (red + white) socket to connect a audio source (hi-fi)



Screw contact

Part no. 917.089

33.52 €*

Rear:

- Screw contact, 3-pole
- approx. 35 mm depth needed



DVI custom module



- Front:
- DVI-I socket (suitable for DVI analogue und digital) for display signal (e.g. from laptop, PC monitor to projector, beamer, etc.)

DVI + audio jack custom module



- Front:
- DVI-I socket (suitable for DVI analogue und digital) for display signal (e.g. from laptop, PC monitor to projector, beamer, etc.)
 - Audio jack socket 3,5 mm for sound (e.g. from laptop, PC to loudspeaker connection)



Socket with cable

Part no. 917.078

60.14 €*

Rear:

- Socket, 0,3 m cable
- approx. 75 mm depth needed



2x socket with cable

Part no. 917.021

72.50 €*

Rear:

- Socket, 0,3 m cable
- approx. 75 mm depth needed



Audio jack 3,5 mm custom module



Front:

- 3,5 mm miniature jack socket for sound
(e.g. stereo audio source to a hi-fi system, mixing desk, amplifier etc.)

**2x socket**

Part no. 917.023

32.28 €*

Rear:

- Socket, without cable
- approx. 65 mm depth needed

**Screw contact**

Part no. 917.091

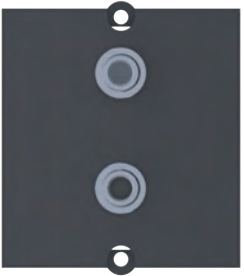
18.20 €*

Rear:

- Screw contact, 3-pole
- approx. 35 mm depth needed



2x audio jack 3,5 mm custom module



Front:

- 2x 3,5 mm miniature jack socket for sound
(e.g. stereo audio source to a hi-fi system, mixing desk, amplifier etc.)

**Socket, socket with cable**

Part no. 917.034

63.40 €*

Rear:

- Socket, 0,1 m cable
- Cinch stereo socket, without cable
- approx. 35 mm depth needed



Audio jack 6,3 mm custom module



Front:

- 6,3 mm standard jack socket
- for connecting headphones (e.g. to an amplifier or loudspeaker system)



Socket with cable

Part no. 917.036

78.90 €*

Rear:

- Socket, 0,1 m cable
- approx. 65 mm depth needed



Loudspeaker connector stereo custom module



Front:

- Loudspeaker connector stereo (red + white) with screw terminal for sound transmission.



Screw contact

Part no. 917.114

49.18 €*

Rear:

- Screw contact
- approx. 30 mm depth needed



Speakon 2-pin + audio jack 6,3 mm custom module



Front:

- Combi connector outlet for Speakon 2-pole for loudspeaker
(allows the connection of passiv systems with multichannel, satelite subwoofer systems or multi channel monitor loudspeaker with one cable)
- Audio jack 6,3 mm
for connecting headphones (e. g. to an amplifier or loudspeaker system)



Screw contact

Part no. 917.102

42.23 €*

Rear:

- Screw contact
- approx. 50 mm depth needed



Speakon 4-pin custom module



Front:

- Speakon 4-pin for loudspeaker
(allows the connection of passiv systems with multichannel, satelite subwoofer systems or multi channel monitor loudspeaker with one cable)



Screw contact

Part no. 917.110

46.58 €*

Rear:

- Screw contact
- approx. 40 mm depth needed



XLR socket custom module



Front:
 · XLR socket
 for connecting a microphone to a hi-fi system, amplifier or loudspeaker system



Plug

Part no. 917.024 47.46 €*

Rear:
 · Plug, 3-pole, 0,1 m cable
 · approx. 65 mm depth needed



3-pole screw contact

Part no. 917.096 53.76 €*

Rear:
 · Screw contact, 3-pole
 · approx. 40 mm depth needed



4-pole screw contact

Part no. 917.099 68.31 €*

Rear:
 · Screw contact, 4-pole
 · approx. 40 mm depth needed



5-pole screw contact

Part no. 917.101 73.58 €*

Rear:
 · Screw contact, 5-pole
 · approx. 40 mm depth needed



XLR plug custom module



Front:

- XLR plug
- for connecting a microphone to a hi-fi system, amplifier or loudspeaker system



3-pole screw contact

Part no. 917.095

47.65 €*

Rear:

- Screw contact, 3-pole
- approx. 40 mm depth needed



4-pole screw contact

Part no. 917.098

62.50 €*

Rear:

- Screw contact, 4-pole
- approx. 40 mm depth needed



5-pole screw contact

Part no. 917.100

66.55 €*

Rear:

- Screw contact, 5-pole
- approx. 40 mm depth needed



Combo XLR + audio jack 6,3 mm custom module



Front:

Plug system combination:

- XLR 3-pin socket
- for connecting headphones (e.g. to an amplifier or loudspeaker system)
- Audio jack 6,3 mm socket
- for connecting a microphone to a hi-fi system, amplifier or loudspeaker system



Screw contact

Part no. 917.094

56.13 €*

Rear:

- Screw contact
- approx. 40 mm depth needed



SAT custom module



- Front:
- F-plug
for connecting a SAT receiver, TV tuner, video tuner
 - COAX TV
for connecting a TV, receiver, radio
 - Radio socket
for connecting a radio



3x socket

Part no. 917.030 31.12 €*

Rear:

- Socket, without cable
- approx. 50 mm depth needed



TV/radio custom module



- Front:
- COAX TV
for connecting a TV, receiver, radio
 - TV PAL plug



Socket, plug

Part no. 917.117 32.30 €*

Rear:

- Plug, without cable
- Socket, without cable
- approx. 50 mm depth needed



USB A/A custom module



Front:
· USB 2.0 socket
for data transfer



Socket

Part no. 917.017

35.89 €*

Rear:

- Socket, without cable
- approx. 85 mm depth needed



2x USB A/A custom module



Front:
· 2x USB 2.0 socket
for data transfer



2x socket

Part no. 917.016

39.38 €*

Rear:

- 2x socket, without cable
- approx. 85 mm depth needed



USB A/B custom module



Front:
· A-USB 2.0 socket
for data transfer



B - socket

Part no. 917.018

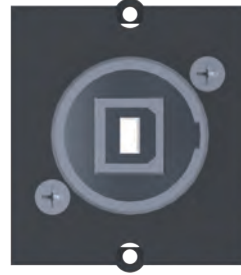
34.48 €*

Rear:

- Socket, without cable
- approx. 85 mm depth needed



USB B/A custom module



Front:
· B-USB 2.0 socket
for data transfer



A - socket

Part no. 917.019

34.48 €*

Rear:

- Socket, without cable
- approx. 85 mm depth needed



Button custom module



- Front:
- Button stainless steel
 - can be used e.g. as authorisation button for controlling switching devices

Button illuminated custom module



- Front:
- Button stainless steel blue illuminated
 - can be used e.g. as authorisation button for controlling switching devices



Screw contact

Artikelnr. 917.046

17.10 €*

Rear:

- Screw contact, 2-pole
- approx. 30 mm depth needed



Solder pins

Part no. 917.047

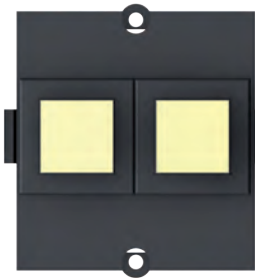
63.00 €*

Rear:

- Solder pins, 4-pin
- approx. 30 mm depth needed



2x EIB buttons custom module



- Front:
- 2x buttons, square, self-labelling, LED-illuminated, 1x NCC, 1x NOC, LED acknowledgement +/- use e.g. as control button for lighting, shutters etc. linked to EIB building technology
 - With EIB configuration instructions

4x EIB buttons custom module



- Front:
- 4x buttons, square, self-labelling, LED-illuminated, 1x NCC, 1x NOC, LED acknowledgement +/- use e.g. as control button for lighting, shutters etc. linked to EIB building technology
 - With EIB configuration instructions



Micro push-in terminals

Part no. 917.055

170.00 €*

Rear:

- Connecting cable, 0,3 m
- 10 micro push-in terminals
- approx. 50 mm depth needed



Micro push-in terminals

Part no. 917.056

330.00 €*

Rear:

- Connecting cable, 0,3 m
- 20 micro push-in terminals
- approx. 50 mm depth needed



Button for automatic switchoff device custom module



Front:

- Button black
- Activating the button restores power to the devices connected to the automatic switchoff device.
- Use in any socket unit with the custom module.

PS2 custom module



Front:

- PS2 mini-DIN 6-pin socket mint green (mouse)
- PS2 mini-DIN 6-pin socket purple (keyboard)
- for connecting mouse/keyboard to PC/Workstation, Labor, KVM Switch etc.



Plug connector with cable

Part no. 917.060

19.80 €*

Rear:

- Plug connector, 2-pin, 1,0 m cable
- approx. 40 mm depth needed



2x socket

Part no. 917.031

36.10 €*

Rear:

- Mouse socket, without cable
- Keyboard socket, without cable
- approx. 50 mm depth needed

Power Con blue custom module



Front:

- Power in socket, blue plug-in connection with non-release catch

Power Con grey custom module



Front:

- Power out socket, grey plug-out connection with non-release catch



Screw terminal

Part no. 917.112

35.28 €*

Rear:

- Screw terminal, incl. 2 crimp contact
- Cover
- approx. 40 mm depth needed



Screw terminal

Part no. 917.113

35.28 €*

Rear:

- Screw terminal, incl. 2 crimp contact
- Cover
- approx. 40 mm depth needed

RS232 socket custom module



Front:
 · RS232 9-pin socket, black
 connector for pc, console, programming a. s. o.



Socket

Part no. 917.012 23.27 €*

Rear:
 · Socket, without cable
 · approx. 70 mm depth needed



Screw contact

Part no. 917.075 56.32 €*

Rear:
 · Screw contact, 9-pole
 · approx. 50 mm depth needed



RS232 plug custom module



Front:
 · 0-Modem 9-pol. plug

RS232 socket Crossover custom module



Front:
 · 0-Modem 9-pol. socket



Screw contact

Part no. 917.076 56.32 €*

Rear:
 · Screw contact, 9-pole
 · approx. 50 mm depth needed



Socket

Part no. 917.116 23.50 €*

Rear:
 · Socket crossover
 · approx. 70 mm depth needed



Part no. | Price in €* | Version

Cable bushing for data

917.032 | 8.09 | · Module with drill hole and 2-part cable bushing for data cables up to Ø 11 mm


VGA cable bushing

917.033 | 8.09 | · 1x 2-part cable bushing, ideal for routing VGA cables
· Without cable
· Suits cables up to 24 mm diameter


Blank module

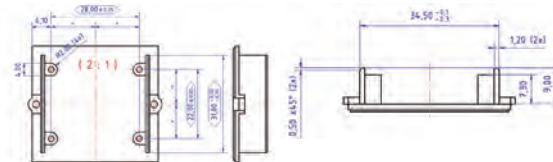
917.009 | 1,26 | · Blank cover as placeholder or for individual configuration
· Black, material thickness 1.8 mm

CUSTOM


Blank module screw domes

917.010 | 1.26 | · Blank cover as placeholder or for individual configuration
· Screw domes on rear of module
· Black, material thickness 1.8 mm

CUSTOM


Torx T6 screws for custom module

917.041 | 2.90 | · Torx screws as alternative for mounting custom module
· Designed for 10 screwing cycles
· Contents: 10 pcs., black
· Only suitable for facility systems


Torx M2 screws for custom module

917.111 | 2.30 | · Torx screws as alternative for mounting custom module into the mounting plate or custom modul panel 1 HE
· Designed for 10 screwing cycles
· Contents: 10 pcs.


Torx T6 screwdriver

917.040 | 10.61 | · 1x Torx T6 screwdriver to fit the screws on the custom modules



Glossary

10-inch (10") panel

A mounting frame with a standardised width of 10" = 254 mm, with holes for bolting to 10" racks. Frequently used for events equipment, media and laboratory systems and computer centres. As a rule the panels have a height of 1 height unit (1 U) with a specified height of 1.75" = 44.5 mm.

19-inch (19") panel

A mounting frame with a standardised width of 19" = 482.6 mm, with holes for bolting to 19" racks. Used for events equipment, media and laboratory systems and computer centres. As a rule the panels have a height of 1 height unit (1 U) with a specified height of 1.75" = 44.5 mm.

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, inputs to measuring devices such as oscilloscopes, frequency counters and function generators generally use BNC-type cables.

CAT

In data connection technology the following main categories and classes for equipment performance are generally accepted:

Category	Class	MHz	GB
CAT5e	D	100	1
CAT6	E	250	1
CAT6a	E	500	10
CAT7	F	600	10
CAT7a	F	1,000	

The difference between category and class is: the individual components such as cable, socket, connector etc. are graded into categories. The resultant performance of the sum of these components, i.e. of the complete data network, is known as the class. The class of the complete network is thus determined by the weakest components. Example: if a CAT6 cable and CAT6 connector are connected to a CAT5e socket, the overall network achieves only class D. A distinction is also made in data connection systems 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 electrical signal connectors, primarily on coaxial cables. Colour code: Audio white = left analogue channel (sometimes also black); Audio red = right analogue channel; Orange = digital audio; Video yellow = composite video, analogue unmodulated TV picture signal in baseband (VBS or CVBS); Video green = Y (brightness); Video blue = Pb (colour difference); Video red = Pr (colour difference)

Coaxial ('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).

Crossover

A cross or crossover cable, in computer networking, is an eight-wire twisted-pair cable with an RJ45 connector at each end, but in which certain wires have been swapped over in one of the connectors. It is required e.g. where two computers are connected together directly. It is possible, instead of a crossover cable, to use an uncrossed cable in conjunction with a crossover adapter to obtain the required crossing of wire pairs. The simplest use of a crossover cable is to link two computers with network cards without the need for a hub or switch. The two computers thus connected form a fully-fledged network on the smallest scale. Crossover cables can normally be dispensed with in gigabit Ethernet, since Auto-MDI-X has been 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 were not changed over at one end, no connection between the machines would be obtained.

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 thus free of charge. Commercial broadcasters, however, have so far only participated in DVB-T in urban areas. DVB-C offers more channels, theoretically up to 500. However, a paid-for cable connection is required to receive the signal. In the digital cable network commercial broadcasters mainly use an encrypted signal that can only be decoded by a smart card provided by the network operator.

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, while **DVI-D** carries digital signals only. If the new TFT monitor has a DVI-D interface, the old graphics card with analogue VGA connection 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 shade-providing devices, heating and locking and alarm systems.

Ethernet

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

FireWire

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

F connectors

These are coaxial connectors (to IEC 60169-24) with screw locking for high frequencies up to approx. 5 GHz, with a defined wave impedance of 75 Ω . Worldwide, this is the most commonly used connector in satellite TV systems.

Full HD TV

Full HD models offer TV and video images with 1920x1080 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.

HDMI – High Definition Multimedia Interface

Interface for picture and sound information in HDTV and HD televisions. It allows the 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 1920x1080 pixels. To receive HD pictures, a TV set is required that carries the "HD ready" seal.

Hi-Fi

High fidelity or hi-fi is a quality standard for audio reproduction equipment.

ISDN – Integrated Services Digital Network

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

Keystone

Universal dimensions (19.3x14.7 mm) for cutouts for mounting components.

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

Internationally accepted electrical connector for AC or DC in the low-voltage (SELV – safety extra-low voltage) range. Jack plugs, sockets and couplings are used most typically for audio signals or for connecting a small electronic device to a power-supply unit. Jack plugs are often used for connecting headphones to audio equipment. Versions available: **3.5 mm (miniature jack)** for portable devices (MP3 players, Discman etc.), sound cards and small headphones. **6.35 mm (standard jack)** for stereo systems and electronic music equipment (mixing desks, effects units, synthesisers, keyboards, electric pianos, electric guitars and guitar amplifiers).

LAN – Local Area Network

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

LC

This connector is similar to the SC but smaller.

Mini USB

A compact plug or socket version of the USB standard. Developed for devices with little available space, such as mobile telephones and digital cameras.

MTRJ

This plug accepts two fibres; the junctions are embedded in a common plastic block that has the form of a RJ-45 connector. This construction also prevents any confusion of the outward and return conductor and is easy to insert and to remove. This connector is suitable for single-mode and multi-mode fibres

OWG - Optical waveguides

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

PAL – Phase Alternating Line

The conventional television standard in Europe for analogue TV signals with a resolution of 720x576 pixels.

powerCON

3-pin power connector with coding and interlocking. Most frequently used for stage equipment. The interlock mechanism protects against the connector being accidentally pulled out of its socket.

PS/2 interface (PS/2 port; originally 'auxiliary port')

Commonly used 6-pin serial interface for input devices (e.g. mouse and keyboard) on personal computers.

RJ (registered jack) connectors

These are standard connectors for telecommunications cables. The standards describe the physical form of male and female connectors as well 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

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-pin or 9-pin connector for serial data transmission. Also known as V.24. Both one-to-one pinouts and crossover configurations are commonly used.

SC

This connector is used in new LAN installations. The right-angled design can be used for multi-mode and single-mode glass fibres. Average insertion loss is about 0.2 dB, maximum approx. 0.4 dB. The advantage of SC over the ST connector is the push-pull design – 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 simultaneously inserted and removed.

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-pin, four-pin and eight-pin versions; the 2-pin and 4-pin types are mutually compatible. The eight-pin 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')

S-video, also known as the Y/C process, designates a special analogue video signal process in which the 'luminance' (brightness) information is carried 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 a 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.

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 18 Mbps.

USB – Universal Serial Bus

USB is used to connect a variety of devices together by cable. USB is a bit-serial bus on which the individual bits of a data packet are sent consecutively. Devices with USB can be connected to one another while in operation, 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.

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 640x480 pixels, while VGA cables allow a higher resolution.

XLR

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

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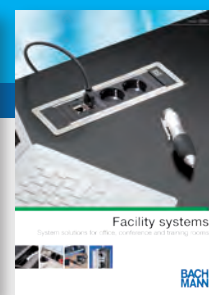
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