

1197623
<https://www.phoenixcontact.com/us/products/1197623>

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Distributor box header, application: Standard, connection method: M8 socket Metal, number of slots: 10, number of positions: 3, coding: A, slot assignment: single, status display: Yes, pnp; master cable connection: Plug-in master cable connection, shielding: no

Your advantages

- Safety in the field, thanks to molded housing and high degree of protection
- Convenient: increased machine availability thanks to quick and easy diagnostics
- Flexible: distributor box with connector hood for on-site assembly

Commercial data

Item number	1197623
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF40
Product key	BF3BCD
GTIN	4063151256487
Weight per piece (including packing)	162.8 g
Weight per piece (excluding packing)	162.8 g
Customs tariff number	85444290
Country of origin	DE

SACB-10/3-L-C-M8 HD GG - Distributor box header



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Technical data

Notes

Assembly note	NOTE: Observe the permissible bending radii when laying conductors, since the degree of protection may be put in jeopardy if the bending forces are too high. Alleviate mechanical loads upstream of the connector, e.g. by using cable ties.
Note on application	Unused slots are to be sealed off prior to commissioning. Suitable sealing elements are to be found under "Accessories".

Product properties

Product type	Header with metric measurement slots
Application	Standard
Number of positions	3
Number of slots	10
Coding	A
LED	yes

System properties

Local diagnostics	
Monitored function	Supply voltage
Optical representation	Green LED

Electrical properties

Max. operating voltage U_{max}	30 V DC
Local diagnostics	Supply voltage Green LED
	Status display I/O Yellow LED
Nominal voltage U_N	24 V DC
Rated current, total	8 A
Max. current carrying capacity per path	2 A
Current carrying capacity per slot	2 A

Signaling

Status display present	Yes
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Dimensions

Dimensional drawing	
Width	30 mm

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Height	17 mm
Length	200 mm

Material specifications

Material Threaded sleeve	Cu alloy
Material Housing	PBT
Material Molding compound	PUR
Seal material O-ring	FKM
Contact material	CuZn
Contact surface material	Ni/Au
Contact carrier material	PBT
Material of contact, master cable side	CU alloy
Material of the contact carrier on the master cable side	PA
Material of contact surface, master cable side	tin-plated

Cable/line

Connection method	Plug-in master cable connection
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Environmental and real-life conditions

Ambient conditions

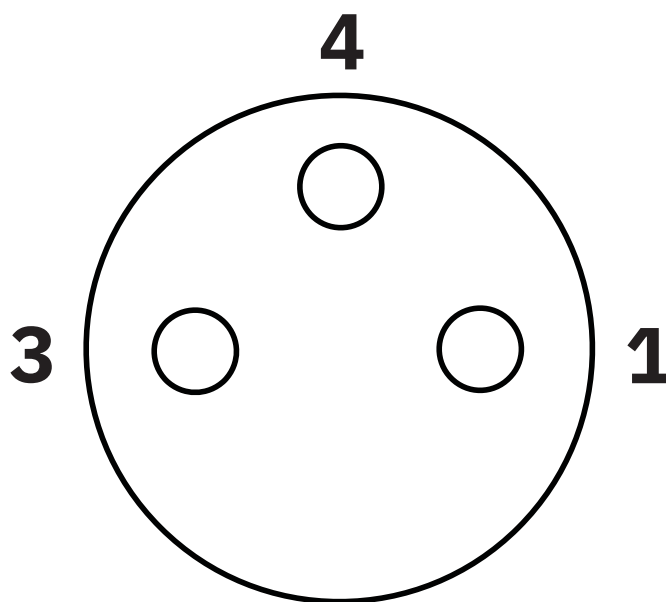
Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 80 °C

Standards and regulations

Standard designation	M8 connector
Standards/specifications	IEC 61076-2-104

Drawings

Schematic diagram



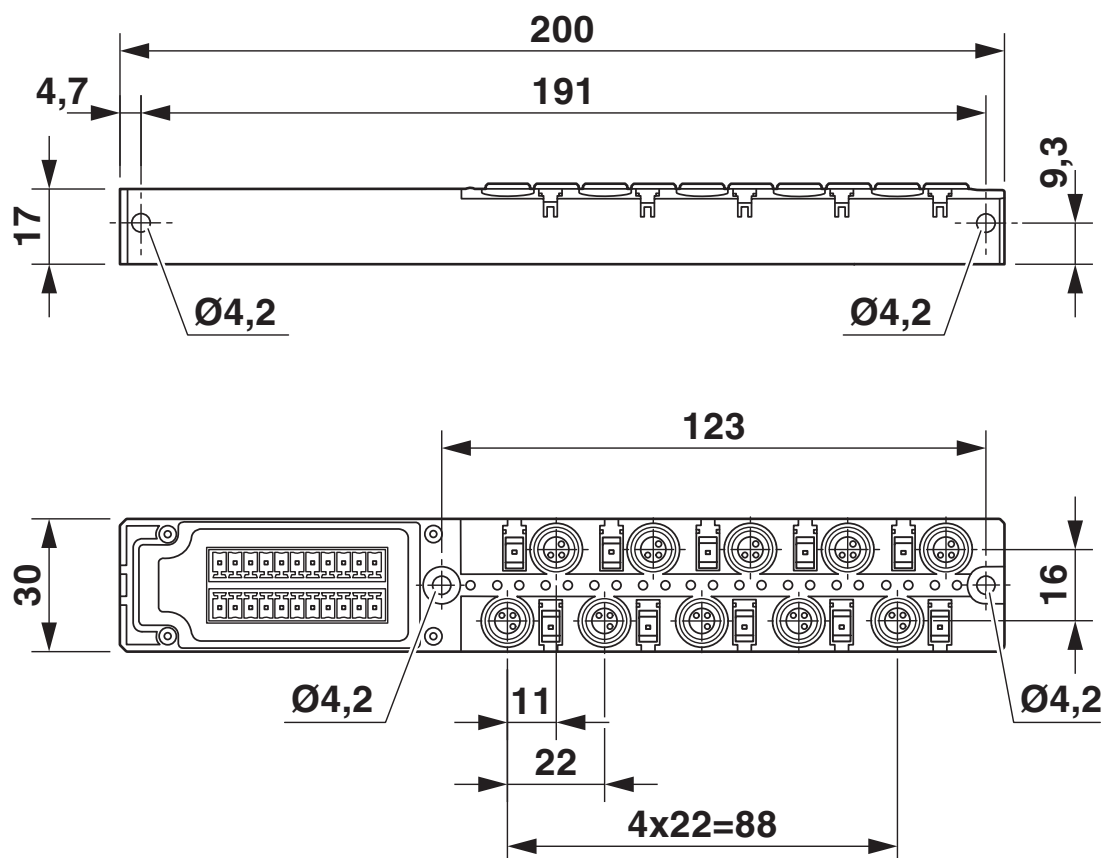
M8 slot, socket, 3-pos.

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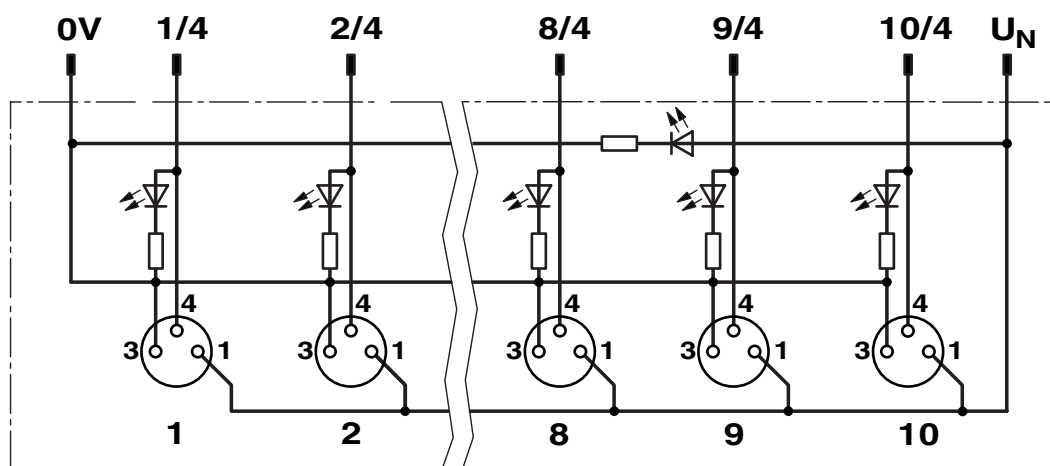
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Dimensional drawing



Circuit diagram



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Classifications

ECLASS

ECLASS-11.0	27440111
ECLASS-12.0	27440111
ECLASS-13.0	27440111

ETIM

ETIM 9.0	EC003558
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UNSPSC

UNSPSC 21.0	31251500
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Mandatory accessories

SACB-PT-H180-10/3-M8 HD - Connector hood

1197658

<https://www.phoenixcontact.com/us/products/1197658>



Connector hood, application: Standard, connection method: M8 socket Metal, number of slots: 10, number of positions: 3, slot assignment: single, status display: No, Universal; master cable connection: Plug-in push-in spring-cage connection 180°, shielding: no

SACB-C-H180-10/3-M8 HD - Connector hood

1197646

<https://www.phoenixcontact.com/us/products/1197646>



Connector hood, application: Standard, connection method: M8 socket Metal, number of slots: 10, number of positions: 3, slot assignment: single, status display: No, Universal; master cable connection: Pluggable screw connection 180°, shielding: no

Accessories

SACB-10/3-L-C-M8 HD GG - Distributor box header



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SACB-10X0,34/2X0,75-50 PUR - Master cable ring

1517602

<https://www.phoenixcontact.com/us/products/1517602>



Master cable for sensor/actuator boxes, without PE conductor, unshielded, material PUR/PVC, 12-pos., 10 x 0.34 mm² and 2 x 0.75 mm², length: 50 m

UCT-TM 6 - Marker for terminal blocks

0828736

<https://www.phoenixcontact.com/us/products/0828736>



Marker for terminal blocks, Sheet, white, unlabeled, can be labeled with: TOPMARK NEO, TOPMARK LASER, BLUEMARK ID COLOR, BLUEMARK ID, BLUEMARK CLED, THERMOMARK PRIME, THERMOMARK CARD 2.0, THERMOMARK CARD, mounting type: snapped, for terminal block width: 6.2 mm, lettering field size: 5.6 x 10.5 mm, Number of individual labels: 60

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PROT-M8 - Screw plug

1682540

<https://www.phoenixcontact.com/us/products/1682540>



An M8 screw plug for the unoccupied M8 sockets of the sensor/actuator cable, boxes and flush-type connectors

TSD 02 SAC - Torque screwdriver

1208487

<https://www.phoenixcontact.com/us/products/1208487>



Torque screwdriver, with preset torque of 0.2 Nm and 4 mm hexagonal drive for M8 connectors

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SAC BIT M8-D10 - Tool

1208461

<https://www.phoenixcontact.com/us/products/1208461>



Nut for assembling M8 connectors with longitudinal knurl and a knurl diameter of 10 mm, for 4 mm hexagonal drive

SACC BIT M8-D12 - Tool

1208474

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Nut for assembling M8 connectors with longitudinal knurl and a knurl diameter of 12 mm, for 4 mm hexagonal drive

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