


SACB-8/16-M23 SH

Order No.: 1695773



<http://eshop.phoenixcontact.se/phoenix/treeViewClick.do?UID=1695773>

Sensor/actuator box, Connection method: M12 socket Metal,
Number of slots: 8, Number of positions: 5, Slot assignment: Double,
Status indication: No, Universal; Master cable connection: M23 plug
connection 90°, Shielding: Yes

Commercial data	
EAN	 4 017918 899417
Note	Made-to-order
Pack	1
Customs tariff	85444290
Gross weight in pieces	392.80 g
Catalog page information	Page 186 (PC-2011)

Product notes

WEEE/RoHS-compliant since:
2006-01-31



Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

Technical data	
General data	
Rated voltage	48 V 60 V DC
Current carrying capacity per I/O signal	2 A
Current carrying capacity per slot	4 A
Total rated current	12 A

Number of positions	5
Number of slots	8
Degree of protection	IP65/67
Inflammability class according to UL 94	V0
Ambient temperature (operation)	-25 °C ... 70 °C
Sensor/actuator connection system	M12 socket

Master cable data

Connection method	M23 plug connection
Tightening torque slot sensor/actuator cable	0.4 Nm
Tightening torque screw plug	0.4 Nm

Insulation material

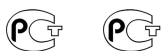
Housing material	Aluminum
Housing surface material	Nickel-plated
Material of the moulding mass	PUR
Contact material	Cu alloy
Contact surface material	Gold-plated
Contact carrier material	PA
Material of contact, master cable side	CU alloy
Material of contact surface, master cable side	Gold-plated
Material of the contact carrier on the master cable side	PA 66 V0
Material of threaded sleeve	Aluminum
Material, O-ring	NBR

Pin assignment

Slot/position = Wire color or connection	1 / 4 (A) = 15
--	----------------

	1 / 2 (B) = 7
	2 / 4 (A) = 5
	2 / 2 (B) = 4
	3 / 4 (A) = 16
	3 / 2 (B) = 8
	4 / 4 (A) = 3
	4 / 2 (B) = 14
	5 / 4 (A) = 17
	5 / 2 (B) = 9
	6 / 4 (A) = 2
	6 / 2 (B) = 13
	7 / 4 (A) = 11
	7 / 2 (B) = 10
	8 / 4 (A) = 1
	8 / 2 (B) = 18
	1-8 / 1 (+ 48 V) = 19
	1-8 / 3 (0 V) = 6
	1-8 / 5 (PE) = 12

Certificates



Certification

GOST

Certifications applied for:

Certification Ex:

Accessories

Item	Designation	Description
Marking		
2809128	ZBN 18:UNBEDRUCKT	Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 18 mm, Lettering field: 18 x 5 mm

Protection and sealing elements

1503302	PROT-M12 SH	An M12 screw plug for the unoccupied M12 sockets of the shielded sensor/actuator cable, boxes and flush-type connectors
---------	-------------	---

Socket

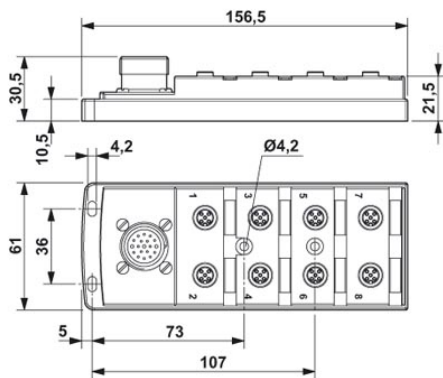
1685505	RC/TGGM/KVD/LBL 16+3	Socket M23, 19-pos., straight, shielded, freely configurable, with solder connection, for external cable diameter 9.5 mm ... 14.5 mm
1685518	RC/TWGM/KVD/LBL 16+3	Socket M23, 19-pos., angled, shielded, freely configurable, with solder connection, for external cable diameter 9.5 mm ... 14.5 mm
1519529	RCK-TWGM/BL16+3/ 5,0PUR SH	Socket M23, 19-pos., angled, shielded, with shielded, connected master cable, length: 5 m
1511828	RCK-TWGM/BL16+3/10,0PUR SH	Socket M23, 19-pos., angled, shielded, with shielded, connected master cable, length: 10 m

Tools

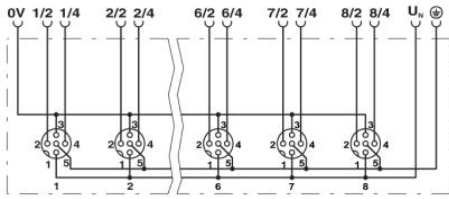
1208432	SAC BIT M12-D15	Nut for assembling sensor/actuator cables with M12 connector and for M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive
1208445	SACC BIT M12-D20	Nut for assembling SACC M12 connectors for free assembly, excluding M12 connectors with QUICKON fast connection technology, for 4 mm hexagonal drive
1208429	TSD 04 SAC	Torque screwdriver, with preset torque of 0.4 Nm and 4 mm hexagonal drive for M12 connectors

Drawings

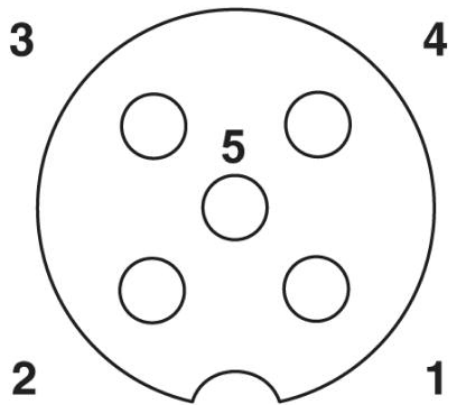
Dimensioned drawing



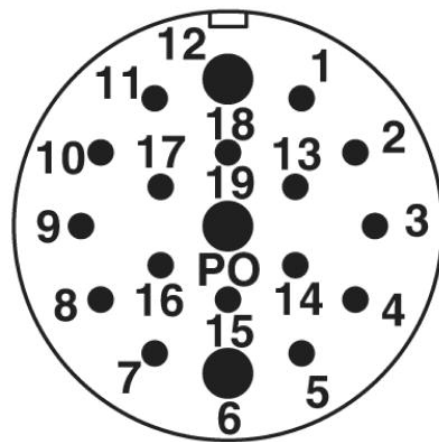
Circuit diagram



Schematic diagram



M12 slot, socket, 5-pos.



M23 plug connection pin, 19-pos.

Address

Phoenix Contact AB
Linvägen 2
14144 Huddinge, Sweden
Phone +46 (0)8 - 608 64 00
Fax +46 (0)8 - 608 64 99
<http://www.phoenixcontact.se>

Phoenix Contact Oy
Technical modifications reserved;