

**SACB-C-H180-8/16-25,0PUR SCO**

Order No.: 1537941



Connector hood, Number of slots: 8, Slot assignment: Double, Status indication: No; Master cable connection: Pluggable screw connection 180°, PUR/PVC, Cable length: 25 m, Shielding: No

**Commercial data**

EAN	4 046356 074803
Pack	1
Customs tariff	85366990
Country of Origin	DE

**Product notes**

WEEE/RoHS-compliant since:  
28/03/2006



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	120 V
Current carrying capacity per I/O signal	2 A
Total rated current	10 A
Number of slots	8

Degree of protection	IP65/IP67/IP69K
Ambient temperature (operation)	-30 °C ... 80 °C

#### Master cable data

Connection method	Pluggable screw connection
Length of cable	25 m
Cable type	Master cable suitable for flexible cable conduit
Signal line cross section	16x 0.5 mm <sup>2</sup>
AWG signal line	20
Conductor structure signal line	64x 0.10 mm
Power supply cross section	3x 1 mm <sup>2</sup>
AWG power supply	17
Conductor structure, voltage supply	128x 0.10 mm
External diameter	11.6 mm
Max. bending cycles	1500000
Bending radius	120 mm
Traversing path	2 m
Traversing rate	2 m/s
Ambient temperature (operation)	-40 °C ... 90 °C (for fixed installation)
	-5 °C ... 80 °C (for flexible installation)
Tightening torque, cover screw	0.35 Nm
Tightening torque, union nut	2.5 Nm

#### Insulation material

Housing material	PBT
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

#### Pin assignment

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

	1 / 2 (B) = GY/PK
	2 / 4 (A) = GN
	2 / 2 (B) = RD/BU
	3 / 4 (A) = YE
	3 / 2 (B) = WH/GN
	4 / 4 (A) = GY
	4 / 2 (B) = BN/GN
	5 / 4 (A) = PK
	5 / 2 (B) = WH/YE
	6 / 4 (A) = RD
	6 / 2 (B) = YE/BN
	7 / 4 (A) = BK
	7 / 2 (B) = WH/GY
	8 / 4 (A) = VT
	8 / 2 (B) = GY/BN
	1-8 / 1 (+ 120 V) = BN
	1-8 / 3 (0 V) = BU
	1-8 / 5 (PE) = GN/YE

## Certificates



Certification

CUL, UL

## Accessories

Item	Designation	Description
<b>General</b>		
1559893	SACB-16X0,5/ 3X1,0-200,0 PUR	Master cable for sensor/actuator boxes, with PE conductor, unshielded, material PUR/PP, 19-pos., 16 x 0.50 mm <sup>2</sup> and 3 x 1.00 mm <sup>2</sup> , length: 200 m on drum
1402304	SACB-16X0,5/ 3X1,0-50,0 80MC	Master cable for sensor/actuator boxes, 19-wire, unshielded, PUR halogen-free, drag chain and robot compatible, black outer sheath, 16 x 0.5 mm <sup>2</sup> and 3 x 1.0 mm <sup>2</sup>

1503373	SACB-16X0,5/ 3X1,0-50,0 PUR	Master cable for sensor/actuator boxes, with PE conductor, unshielded, material PUR/PP, 19-pos., 16 x 0.50 mm <sup>2</sup> and 3 x 1.00 mm <sup>2</sup> , length: 50 m
1430938	SACB-16X0,5/ 3X1,0-50,0 VPUR	Master cable for sensor/actuator boxes, with PE conductor, unshielded, material PUR/PP, 19-pos., 16 x 0.50 mm <sup>2</sup> and 3 x 1.00 mm <sup>2</sup> , length: 50 m
1516771	SACB-8/16-L-C GG SCO	Sensor/actuator box header, Connection method: M12-SPEEDCON-socket, Number of slots: 8, Number of positions: 5, Slot assignment: Double, Status indication: Yes, prnp; Master cable connection: Pluggable screw connection, Shielding: No
0824468	SS-ZB 17,5 WH CUS	Marker, can be labeled as per customer request
0804976	SS-ZB 17,5 YE	Contactormarker Zack strip, unprinted: 5-section, for snapping into equipment and components with special marker carrier, can be labeled with M-PEN, CMS system or label BMKT 17.5 x 8, lettering field: 17.5 x 8 mm, color: yellow
0824469	SS-ZB 17,5 YE CUS	Marker, can be labeled as per customer request

#### Marking

0804963	SS-ZB 17,5 WH	Contactormarker Zack strip, unprinted: 5-section, for snapping into equipment and components with special marker carrier, can be labeled with M-PEN, CMS system or label BMKT 17.5 x 8, lettering field: 17.5 x 8 mm, color: white
---------	---------------	--

#### Tools

1212486	SAC BIT HOOD-W 24	Nut for assembling pressure nuts with 24 mm wrench size, for 4 mm hexagonal drive
1206450	SZK PZ1 VDE	Screwdriver, PZ crosshead, VDE insulated, size: PZ 1 x 80 mm, 2-component grip, with non-slip grip
1212315	TSD 25 SAC	Torque screwdriver, with preset torque of 2.5 Nm and 4 mm hexagonal drive for the pressure nut of the connector hood
1212224	TSD-M 1,2NM	Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm
1212225	TSD-M 3NM	Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 1.2 - 3 Nm
1212600	TSD-M SAC-BIT ADAPTER	Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits