

## Connector hood - SACB-C-H180-8/16-15,0PUR SCO - 1537938

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Connector hood, For use in Sensor/actuator box, Number of slots: 8, Slot assignment: Double, Status indication: No; Master cable connection: Pluggable screw connection 180°, PUR/PVC, Cable length: 15 m, Shielding: No



### Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	3339.1 GRM
Custom tariff number	85444290
Country of origin	Germany

### Technical data

#### General

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

#### Ambient conditions

Degree of protection	IP65
	IP67
	IP69K
Ambient temperature (operation)	-30 °C ... 80 °C
	-40 °C ... 90 °C (for fixed installation)
	-5 °C ... 80 °C (for flexible installation)

#### Master cable data/connection data

Connection method	Pluggable screw connection
Length of cable	15 m
Cable type	Master cable suitable for flexible cable conduit

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## Technical data

### Master cable data/connection data

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
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

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## Technical data

### Pin assignment

	1-8 / 3 (0 V) = BU
	1-8 / 5 (PE) = GN/YE

## Classifications

### eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815
eCl@ss 5.0	27143423
eCl@ss 5.1	27143423
eCl@ss 6.0	27143423
eCl@ss 7.0	27449001
eCl@ss 8.0	27449001

### ETIM

ETIM 2.0	EC000200
ETIM 3.0	EC001856
ETIM 4.0	EC002585
ETIM 5.0	EC002585

### UNSPSC

UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501
UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501

## Approvals

### Approvals

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#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

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#### Ex Approvals

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## Connector hood - SACB-C-H180-8/16-15,0PUR SCO - 1537938


### Approvals


Approvals submitted

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#### Approval details

UL Recognized 

cUL Recognized 

cULus Recognized 

### Accessories

#### Accessories

##### Cable by the meter

Master cable ring - SACB-16X0,5/ 3X1,0-50,0 PUR - 1503373



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

Master cable ring - SACB-16X0,5/ 3X1,0-200,0 PUR - 1559893



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

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### Accessories

Master cable ring - SACB-16X0,5/ 3X1,0-50,0 VPUR - 1430938



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

Master cable ring - SACB-16X0,5/ 3X1,0-50,0 80MC - 1402304



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>

### Device marking

Contact marker – zack marker strip - SS-ZB 17,5 WH - 0804963



Contact marker – zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, Lettering field: 17.5 x 8 mm

Contact marker – zack marker strip - SS-ZB 17,5 YE - 0804976



Contact marker – zack marker strip, Strip, yellow, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, Lettering field: 17.5 x 8 mm

### Header with metric measurement slots

Sensor/actuator box header - SACB-8/16-L-C GG SCO - 1516771



Sensor/actuator box header, Connection method: M12-SPEEDCON-socket Metal, Number of slots: 8, Number of positions: 5, Slot assignment: Double, Status indication: Yes, pnp; Master cable connection: Pluggable screw connection, Shielding: No

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### Accessories

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#### Labeled device marker

Contact marker – zack marker strip - SS-ZB 17,5 WH CUS - 0824468



Contact marker – zack marker strip, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, Lettering field: 17.5 x 8 mm

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Contact marker – zack marker strip - SS-ZB 17,5 YE CUS - 0824469



Contact marker – zack marker strip, Can be ordered: Strip, yellow, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, Lettering field: 17.5 x 8 mm

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#### Screwdriver tools

Philips screwdriver - SZK PZ1 VDE - 1206450



Screwdriver, PZ crosshead, VDE insulated, size: PZ 1 x 80 mm, 2-component grip, with non-slip grip

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Tool - SAC BIT HOOD-W 24 - 1212486



Nut for assembling pressure nuts with 24 mm wrench size, for 4 mm hexagonal drive

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### Accessories

Adapter insert - TSD-M SAC-BIT ADAPTER - 1212600



Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

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### Torque tool

Torque screwdriver - TSD-M 1,2NM - 1212224



Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm

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Torque screwdriver - TSD 25 SAC - 1212315



Torque screwdriver, with preset torque of 2.5 Nm and 4 mm hexagonal drive for the pressure nut of the connector hood

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Torque screwdriver - TSD-M 3NM - 1212225



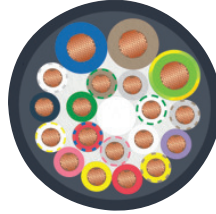
Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 1.2 - 3 Nm

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### Drawings

## Connector hood - SACB-C-H180-8/16-15,0PUR SCO - 1537938

Cable cross section



PUR/PVC black [PUR]