

## Connector hood - SACB-C-H180-4/ 8-15,0PUR SCO - 1537899

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



Connector hood, For use in Sensor/actuator box, Number of slots: 4, 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)	2230.0 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	4

#### 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

# Connector hood - SACB-C-H180-4/ 8-15,0PUR SCO - 1537899

## Technical data

### Master cable data/connection data

Signal line cross section	8x 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	9.5 mm
Max. bending cycles	1500000
Bending radius	100 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
	1-4 / 1 (+ 120 V) = BN
	1-4 / 3 (0 V) = BU
	1-4 / 5 (PE) = GN/YE

## Classifications

eCl@ss

eCl@ss 4.0	27140815
eCl@ss 4.1	27140815

# Connector hood - SACB-C-H180-4/ 8-15,0PUR SCO - 1537899

## Classifications

### eCl@ss

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

---

#### Approvals

UL Recognized / cUL Recognized / cULus Recognized

---

#### Ex Approvals

---

#### Approvals submitted

---


#### Approval details



## Connector hood - SACB-C-H180-4/ 8-15,0PUR SCO - 1537899

### Approvals

cUL Recognized 

cULus Recognized 

### Accessories

#### Accessories

#### Cable by the meter

Master cable ring - SACB- 8X0,5/ 3X1,0-50,0 PUR - 1503357



Master cable for sensor/actuator boxes, with PE conductor, unshielded, material PUR/PVC, 11-pos., 8 x 0.50 mm<sup>2</sup> and 3 x 1.00 mm<sup>2</sup>, length: 50 m

Master cable ring - SACB-8X0,5/3X1,0-50,0 HPUR - 1401690



Master cable ring, For use in Distributor boxes, Number of positions: 11, Cable length: 50 m

### 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

## Connector hood - SACB-C-H180-4/ 8-15,0PUR SCO - 1537899

### Accessories

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-4/ 8-L-C GG SCO - 1516739



Sensor/actuator box header, Connection method: M12-SPEEDCON-socket Metal, Number of slots: 4, Number of positions: 5, Slot assignment: Double, Status indication: Yes, pnp; Master cable connection: Pluggable screw connection, Shielding: No

---

### 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

---

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

---

### Screwdriver tools

## Connector hood - SACB-C-H180-4/ 8-15,0PUR SCO - 1537899

### Accessories

Philips screwdriver - SZK PZ1 VDE - 1206450



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

---

Tool - SAC BIT HOOD-W 24 - 1212486



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

---

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

---

### 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

---

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

---

## Connector hood - SACB-C-H180-4/ 8-15,0PUR SCO - 1537899

### Accessories

Torque screwdriver - TSD-M 3NM - 1212225



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

---

### Drawings

Cable cross section



PUR/PVC black [PUR]