



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## Connector hood - SACB-C-H180-10/3- 5,0PUR-M8 - 1516357


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, Connection method: M8 socket Metal, Number of slots: 10, Slot assignment: Single, Status indication: No; Master cable connection: Pluggable screw connection 180°, PUR/PVC, Cable length: 5 m, Shielding: No



### Key commercial data

Packing unit	1 PCE
GTIN	 4 017918 967291
Weight per Piece (excluding packing)	657.6 GRM
Custom tariff number	85444290
Country of origin	Poland

### Technical data

#### General

Rated voltage	120 V
Current carrying capacity per I/O signal	2 A
Total rated current	8 A
Number of slots	10
Sensor/actuator connection system	M8 socket

#### Ambient conditions

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

#### Master cable connection data

# Connector hood - SACB-C-H180-10/3- 5,0PUR-M8 - 1516357

## Technical data

### Master cable connection data

Connection method	Pluggable screw connection
Length of cable	5 m

### 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
	2 / 4 (A) = GN
	3 / 4 (A) = YE
	4 / 4 (A) = GY
	5 / 4 (A) = PK
	6 / 4 (A) = RD
	7 / 4 (A) = BK
	8 / 4 (A) = VT
	9 / 4 (A) = WH/PK
	10 / 4 (A) = PK/BN
	1-10 / 1 (+24 V) = BN
	1-10 / 3 (0 V) = BU

### Cable

Cable type	PUR/PVC black
Cable type (abbreviation)	PUR
Cable abbreviation	LiYY11Y-HF
UL AWM style	20549
Conductor cross section	10x 0.34 mm <sup>2</sup> (signal line)
	2x 0.75 mm <sup>2</sup> (power line)
AWG signal line	22
AWG power supply	18
Conductor structure signal line	19x 0.15 mm
Conductor structure, voltage supply	42x 0.15 mm
Core diameter including insulation	1.3 mm ±0.1 mm (signal line)
	1.8 mm ±0.1 mm (power line)
Thickness, insulation	≥ 0.15 mm (Inner sheath)
	≥ 0.38 mm (Outer cable sheath)
Overall twist	Wires twisted in layers

# Connector hood - SACB-C-H180-10/3- 5,0PUR-M8 - 1516357

## Technical data

### Cable

External sheath, color	Black RAL 9005
External cable diameter D	8.6 mm ± 0.2 mm
Minimum bending radius, fixed installation	7.5 x D
Minimum bending radius, flexible installation	10 x D
Number of bending cycles	1500000
Bending radius	86 mm
Traversing path	2 m
Traversing rate	2 m/s
Cable weight	111.1 kg/km
Outer sheath, material	PUR
Material, inner sheath	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Nominal voltage, cable	300 V
Test voltage, cable	2000 V
Special properties	Silicone-free
Flame resistance	DIN EN 50265
Resistance to oil	As per VDE 0472 Part 803
Other resistance	Highly resistant to acids, alkaline solutions and solvents
Ambient temperature (operation)	-40 °C ... 90 °C (cable, fixed installation)
	-5 °C ... 80 °C (cable, flexible installation)

## 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

# Connector hood - SACB-C-H180-10/3- 5,0PUR-M8 - 1516357

## Classifications

### ETIM

ETIM 5.0	EC001855
----------	----------

### 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 / GOST / cULus Recognized

---


#### Ex Approvals


---

#### Approvals submitted

---

## Approval details


UL Recognized 	
Nominal voltage UN	24 V

cUL Recognized 	
Nominal voltage UN	24 V

## Connector hood - SACB-C-H180-10/3- 5,0PUR-M8 - 1516357

### Approvals

GOST 

cULus Recognized 

### Accessories

#### Accessories

##### Labeled terminal marker

Zack Marker strip, flat - ZBF10 CUS - 0825031



Zack Marker strip, flat, Can be ordered: Strip, white, Labeled according to customer specifications, Mounting type: Snap into flat marker groove, For terminal block width: 10 mm, Lettering field: 5.15 x 10 mm

##### Screwdriver tools

Philips screwdriver - SZK PZ2 VDE - 1206463



Screwdriver, PZ crosshead, VDE insulated, size: PZ 2 x 100 mm, 2-component grip, with non-slip grip

##### Terminal marking

Zack Marker strip, flat - ZBF10:UNBEDRUCKT - 0809997

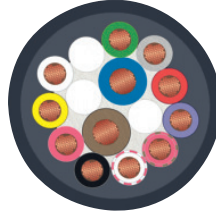


Zack Marker strip, flat, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into flat marker groove, For terminal block width: 10 mm, Lettering field: 5.15 x 10 mm

### Drawings

## Connector hood - SACB-C-H180-10/3- 5,0PUR-M8 - 1516357

Cable cross section



PUR/PVC black [PUR]