



**Automatización Eléctrica**  
Especialistas en Automatización

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# Connector hood - SACB-C-H180- 8/3-M8 - 1516425

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Connector hood, Application: Sensor/actuator box, Connection method: M8 socket, Number of slots: 8, Coding: A - standard, Slot assignment: single, Status indication: No; Master cable connection: Pluggable screw connection 180°

## Key Commercial Data

Packing unit	1 STK
GTIN	 4 017918 967321

## Technical data

### General

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

### Ambient conditions

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

### Master cable data/connection data

Connection method	Pluggable screw connection
Conductor cross section min. (signal)	0.14 mm <sup>2</sup>
Conductor cross section max. (signal)	1.5 mm <sup>2</sup>
Conductor cross section AWG min. (signal)	26
Conductor cross section AWG max. (signal)	16
Stripping length (signal)	7 mm
Conductor cross section min. (energy)	0.14 mm <sup>2</sup>
Conductor cross section max. (energy)	1.5 mm <sup>2</sup>
Conductor cross section AWG min. (energy)	26
Conductor cross section AWG max. (energy)	16
External cable diameter min.	7 mm

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## Technical data

### Master cable data/connection data

External cable diameter max.	12 mm
Stripping length	60 mm (Master cable)
Tightening torque, cover screw	1 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) = 1 / 4
	2 / 4 (A) = 2 / 4
	3 / 4 (A) = 3 / 4
	4 / 4 (A) = 4 / 4
	5 / 4 (A) = 5 / 4
	6 / 4 (A) = 6 / 4
	7 / 4 (A) = 7 / 4
	8 / 4 (A) = 8 / 4
	1-8 / 1 (+ 24 V) = U <sub>N</sub>
	1-8 / 3 (0 V) = 0 V

### Standards and Regulations

Connection in acc. with standard	CUL
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## 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	27279219

### ETIM

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

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## Classifications

### 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 / EAC / cULus Recognized

#### Ex Approvals

#### Approvals submitted

### Approval details

UL Recognized	
Nominal voltage UN	24 V

cUL Recognized	
Nominal voltage UN	24 V

EAC
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cULus Recognized
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