

Connector hood - SACB-C-H180-8/16 SCO P - 1453229

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Connector hood with integrated connector, for M12 sensor/actuator boxes with SPEEDCON plastic thread and plug-in screw connection, for 4, 6 or 8 slots

Key commercial data

package_quantity	1
GTIN	4046356553452

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
Sensor/actuator connection system	M12-SPEEDCON-socket

Ambient conditions

Degree of protection	IP65
Degree of protection	IP67
Ambient temperature (operation)	-25 °C ... 80 °C

Master cable data/connection data

Connection method	Pluggable screw connection
Conductor cross section min. (signal)	0.14 mm ²
Conductor cross section max. (signal)	1.5 mm ²
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 ²
Conductor cross section max. (energy)	1.5 mm ²
Conductor cross section AWG min. (energy)	26
Conductor cross section AWG max. (energy)	16
External cable diameter min.	7 mm
External cable diameter max.	12 mm
Stripping length	50 mm (Master cable)

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Technical data

Master cable data/connection data

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	Sn
Material of the contact carrier on the master cable side	PA
Sealing material	NBR

Pin assignment

Slot/position = Wire color or connection	1 / 4 (A) = 1 / 4 = WH
Slot/position = Wire color or connection	1 / 2 (B) = 1 / 2 = GY/PK
Slot/position = Wire color or connection	2 / 4 (A) = 2 / 4 = GN
Slot/position = Wire color or connection	2 / 2 (B) = 2 / 2 = RD/BU
Slot/position = Wire color or connection	3 / 4 (A) = 3 / 4 = YE
Slot/position = Wire color or connection	3 / 2 (B) = 3 / 2 = WH/GN
Slot/position = Wire color or connection	4 / 4 (A) = 4 / 4 = GY
Slot/position = Wire color or connection	4 / 2 (B) = 4 / 2 = BN/GN
Slot/position = Wire color or connection	5 / 4 (A) = 5 / 4 = PK
Slot/position = Wire color or connection	5 / 2 (B) = 5 / 2 = WH/YE
Slot/position = Wire color or connection	6 / 4 (A) = 6 / 4 = RD
Slot/position = Wire color or connection	6 / 2 (B) = 6 / 2 = YE/BN
Slot/position = Wire color or connection	7 / 4 (A) = 7 / 4 = BK
Slot/position = Wire color or connection	7 / 2 (B) = 7 / 2 = WH/GY
Slot/position = Wire color or connection	8 / 4 (A) = VT
Slot/position = Wire color or connection	8 / 2 (B) = 8 / 2 = GY/BN
Slot/position = Wire color or connection	1-8 / 1 (+ 120 V) = U _N = BN
Slot/position = Wire color or connection	1-8 / 3 (0 V) = 0 V = BU
Slot/position = Wire color or connection	1-8 / 5 (PE) = 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

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classifications

ETIM

ETIM 4.0	EC002585
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

UL Recognized / cUL Recognized / GOST / cULus Recognized /

Approval details

UL Recognized 

cUL Recognized 

GOST 

cULus Recognized 

accessories

Header with metric measurement slots

SACB-4/ 4-L-C GG SCO P - 1452864



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accessories

SACB-4/ 8-L-C GG SCO P - 1452877



SACB-6/ 6-L-C GG SCO P - 1452880



SACB-6/12-L-C GG SCO P - 1452893



SACB-8/ 8-L-C GG SCO P - 1452903



SACB-8/16-L-C GG SCO P - 1452916



Screwdriver tools

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accessories

SZK PZ2 VDE - 1206463



SAC BIT HOOD-W 24 - 1212486



TSD-M SAC-BIT ADAPTER - 1212600



Torque tool

TSD-M 1,2NM - 1212224



TSD 25 SAC - 1212315



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accessories

TSD-M 3NM - 1212225



Cable by the meter

SACB- 4X0,34/ 3X0,75-50,0 PUR - 1503328



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



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



SACB- 6X0,34/ 3X0,75-50,0 PUR - 1503331



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accessories

SACB-12X0,5/ 3X1,0-50,0 PUR - 1503360



SACB- 8X0,34/ 3X0,75-50,0 PUR - 1503344



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



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



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



Device marking

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accessories

SS-ZB 17,5 WH - 0804963



SS-ZB 17,5 YE - 0804976



Labeled device marker

SS-ZB 17,5 WH CUS - 0824468



SS-ZB 17,5 YE CUS - 0824469



Drawings

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