

Connector hood - SACB-C-H180 8/16 SCO - 1516713

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Connector hood with an integrated connector, for M12 sensor/actuator boxes with metal thread and pluggable screw connection, for 4, 6 or 8 slots

Key commercial data

package_quantity	10
GTIN	4017918967444

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
Degree of protection	IP69K
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 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

Connector hood - SACB-C-H180 8/16 SCO - 1516713

Technical data

Master cable data/connection data

Stripping length	50 mm (Master cable)
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
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) = 8 / 4 = 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

Connector hood - SACB-C-H180 8/16 SCO - 1516713

classifications

ETIM

ETIM 2.0	EC000200
ETIM 3.0	EC001856
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 - 1516726



Connector hood - SACB-C-H180 8/16 SCO - 1516713

accessories

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



SACB-6/ 6-L-C GG SCO - 1516742



SACB-6/12-L-C GG SCO - 1516755



SACB-8/ 8-L-C GG SCO - 1516768



SACB-8/16-L-C GG SCO - 1516771



Screwdriver tools

Connector hood - SACB-C-H180 8/16 SCO - 1516713

accessories

SZK PZ1 VDE - 1206450



SAC BIT HOOD-W 24 - 1212486



TSD-M SAC-BIT ADAPTER - 1212600



Torque tool

TSD-M 1,2NM - 1212224



TSD 25 SAC - 1212315



Connector hood - SACB-C-H180 8/16 SCO - 1516713

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



Connector hood - SACB-C-H180 8/16 SCO - 1516713

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



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



Connector hood - SACB-C-H180 8/16 SCO - 1516713

accessories

Device marking

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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