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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

Packing unit	10 STK
GTIN	 4 017918 967444

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
Flammability rating according to UL 94	V0
Sensor/actuator connection system	M12-SPEEDCON-socket

Ambient conditions

Degree of protection	IP65
	IP67
	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

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Technical data

Master cable data/connection data

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

Standards and Regulations

Connection in acc. with standard	CUL
Flammability rating according to UL 94	V0

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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

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 

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Approvals

cUL Recognized 

EAC

cULus Recognized 

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