

Connector hood - SACB-C-H180-6/ 6- 5.0PUR - 1503030

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Sensor/actuator connector hood, with master cable, marking label, for an SAC box with 6 single-occupied slots



Key commercial data

Packing unit	1
Minimum order quantity	1
Catalog page	Page 115 (PC-2009)
GTIN	 4 017918 821173
Custom tariff number	85444290
Country of origin	GERMANY

Technical data

General data

Number of slots	6
Degree of protection	IP65/67
Inflammability class according to UL 94	V0
Ambient temperature (operation)	-25 °C ... 75 °C
Sensor/actuator connection system	M12 female connector

Master cable connection data

Connection method	Pluggable screw connection
Length of cable	5 m

Insulation material

Housing material	PA
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 66 V0

Pin assignment

Slot/position = Wire color or connection	1 / 4 (A) = WH
Slot/position = Wire color or connection	2 / 4 (A) = GN

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Pin assignment

Slot/position = Wire color or connection	3 / 4 (A) = YE
Slot/position = Wire color or connection	4 / 4 (A) = GY
Slot/position = Wire color or connection	5 / 4 (A) = PK
Slot/position = Wire color or connection	6 / 4 (A) = RD
Slot/position = Wire color or connection	1-6 / 1 (+ 120 V) = BN
Slot/position = Wire color or connection	1-6 / 3 (0 V) = BU
Slot/position = Wire color or connection	1-6 / 5 (PE) = GN/YE

Conductor data

Cable type	PUR/PVC black
Cable type (abbreviation)	PUR
Cable abbreviation	LiYY11Y-HF
UL AWM style	20549
Conductor cross section	6x 0.34 mm ² (signal line)
Conductor cross section	3x 0.75 mm ² (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)
Core diameter including insulation	1.8 mm ± 0.1 mm (power line)
Thickness, insulation	≥ 0.15 mm (Inner sheath)
Thickness, insulation	≥ 0.38 mm (Outer cable sheath)
Overall twist	Wires twisted in layers
External sheath, color	Black RAL 9005
External cable diameter D	8 mm ± 0.2 mm
Number of bending cycles	1500000
Bending radius	80 mm
Traversing path	2 m
Traversing rate	2 m/s
Outer sheath, material	PUR
Material, inner sheath	PVC
Material conductor insulation	PVC
Conductor material	Bare Cu litz wires
Nominal voltage, conductor	300 V
Test voltage, conductor	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)
Ambient temperature (operation)	-5 °C ... 80 °C (cable, flexible installation)

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Classifications

ETIM

ETIM 2.0	EC000200
ETIM 3.0	EC001856
ETIM 4.0	EC002585
ETIM 5.0	EC001855

UNSPSC

UNSPSC 11	31261501
UNSPSC 12.01	31261501
UNSPSC 13.2	31261501
UNSPSC 6.01	31261501
UNSPSC 7.0901	31261501

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

Approvals

Approvals

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UL Recognized / cUL Recognized / GOST / cULus Recognized

Ex Approvals

Approvals submitted

Approval details

UL Recognized 	
mm²/AWG/kcmil	22-16
Nominal voltage UN	120 V

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GOST 
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cULus Recognized 
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