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

1516713

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Similar figure

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

Commercial data

Item number	1516713
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF42
Product key	AF3CCG
GTIN	4017918967444
Weight per piece (including packing)	72.7 g
Weight per piece (excluding packing)	55.8 g
Customs tariff number	85366990
Country of origin	DE

Technical data

Notes

Note regarding documentation	For details about the PCB connectors used, refer to the technical data for MC 1,5/10-STF-3,5 (1847204)
Assembly note	NOTE: Observe the permissible bending radii when routing cables, since the degree of protection may be at risk if the bending forces are too high. Reduce mechanical loads upstream of the connector, e.g., by using cable ties.

Product properties

Product type	Connector hood
Application	Sensor/actuator box
Number of slots	8
Coding	A
LED	no

Electrical properties

Nominal voltage U_N	120 V AC
	120 V DC
Rated current, total	10 A
Max. current carrying capacity per path	2 A
Current carrying capacity per slot	4 A

Connection data

Conductor connection

Sensor/actuator connection system	M12 socket
Connection method	Pluggable screw connection
Conductor cross-section Flexible signal line	0.14 mm² ... 1.5 mm²
Conductor cross-section Flexible power supply	0.14 mm² ... 1.5 mm²
Connection cross section AWG Flexible signal line	26 ... 16
Connection cross section AWG Flexible power supply	26 ... 16
Stripping length Signal line	7 mm
Stripping length of the sheath	50 mm (Master cable)
Tightening torque, cover screw	0.35 Nm

Connection assignment

Slot/position = Wire color or connection	1 / 4 (A) = 1 / 4 = WH
	1 / 2 (B) = 1 / 2 = GYPK
	2 / 4 (A) = 2 / 4 = GN
	2 / 2 (B) = 2 / 2 = RDBU
	3 / 4 (A) = 3 / 4 = YE
	3 / 2 (B) = 3 / 2 = WHGN
	4 / 4 (A) = 4 / 4 = GY

	4 / 2 (B) = 4 / 2 = BNGN
	5 / 4 (A) = 5 / 4 = PK
	5 / 2 (B) = 5 / 2 = WHYE
	6 / 4 (A) = 6 / 4 = RD
	6 / 2 (B) = 6 / 2 = YEBN
	7 / 4 (A) = 7 / 4 = BK
	7 / 2 (B) = 7 / 2 = WHGY
	8 / 4 (A) = 8 / 4 = VT
	8 / 2 (B) = 8 / 2 = GYBN
	1-8 / 1 (+ 120 V) = U_N = BN
	1-8 / 3 (0 V) = 0 V = BU
	1-8 / 5 (PE) = PE = GNYE

Signaling

Status display present	no

Dimensions

Width	58 mm
Height	21 mm
Length	34 mm

Material specifications

Material Housing	PBT
Flammability rating according to UL 94	V0
Material grommet GRP	NBR
Material of contact, master cable side	CU alloy
Material of the contact carrier on the master cable side	PA
Material of contact surface, master cable side	gold-plated

Cable/line

External cable diameter	7 mm ... 12 mm
Connection method	Pluggable screw connection

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP67
	IP69K
Ambient temperature (operation)	-30 °C ... 80 °C

Approvals

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cUL Recognized
Approval ID: E118976

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Classifications

ECLASS

ECLASS-13.0	27440111
ECLASS-15.0	27440111

ETIM

ETIM 10.0	EC003558

UNSPSC

UNSPSC 21.0	31251500

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	Lead(CAS: 7439-92-1)
SCIP	3d382d47-4db6-4a9c-823f-1fb447fbf873

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https://www.phoenixcontact.com

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com