

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

1516713

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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	BF3CCG
Catalog page	Page 265 (C-2-2019)
GTIN	4017918967444
Weight per piece (including packing)	70 g
Weight per piece (excluding packing)	55.8 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

General	For details about the PCB connectors used, refer to the technical data for MC 1,5/10-STF-3,5 (1847204)
General	NOTE: Observe the permissible bending radii when laying conductors, since the degree of protection may be put in jeopardy if the bending forces are too high. Alleviate 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

Connection method	Pluggable screw connection
Tightening torque, cover screw	0.35 Nm

Pin 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

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	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
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Dimensions

Width	58 mm
Height	21 mm
Length	34 mm

Material specifications

Material Housing	PBT
Flammability rating according to UL 94	V0
Seal material	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

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Classifications

ECLASS

ECLASS-11.0	27440111
ECLASS-12.0	27440111
ECLASS-13.0	27440111

ETIM

ETIM 9.0	EC003558
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UNSPSC

UNSPSC 21.0	31251500
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Environmental product compliance

REACH SVHC	Lead 7439-92-1
China RoHS	Environmentally Friendly Use Period = 50 years
	For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads"

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