

SACB-4/ 8-C SCO SELECT - Distributor box



1437258

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Distributor box, connection method: M12-SPEEDCON-socket Metal, number of slots: 4, number of positions: 5, coding: A, slot assignment: parallel, status display: No, Universal; master cable connection: Pluggable screw connection 180°, shielding: no

Your advantages

- Safety in the field, thanks to molded housing and high degree of protection
- Save time, thanks to installation with SPEEDCON fast locking system
- Flexible: distributor box with connector hood for on-site assembly

Commercial data

Item number	1437258
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF42
Product key	BF3CCD
GTIN	4046356455602
Weight per piece (including packing)	255 g
Weight per piece (excluding packing)	222 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

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.
General	Unused slots are to be sealed off prior to commissioning. Suitable sealing elements are to be found under "Accessories".

Product properties

Product type	Distributor box
Number of positions	5
Number of slots	4
Coding	A
LED	No

Electrical properties

Nominal voltage U_N	48 V AC
	60 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-SPEEDCON-socket
Conductor cross section Flexible signal line	0.14 mm ² ... 1.5 mm ²
Conductor cross section Flexible power supply	0.14 mm ² ... 1.5 mm ²
Connection cross section AWG Flexible signal line	26 ... 16
Connection cross section AWG Flexible power supply	26 ... 16
Tightening torque, cover screw	0.35 Nm
Tightening torque slot sensor/actuator cable	0.4 Nm
Tightening torque of mounting screw for fixing the housing	0.5 Nm
Tightening torque, union nut	2.5 Nm

Pin assignment

Slot/position = Wire color or connection	1 / 1 = 1 / 1
	1 / 2 = 1 / 2
	1 / 3 = 1 / 3
	1 / 4 = 1 / 4
	1 / 5 = 1 / 5
	2 / 1 = 2 / 1
	2 / 2 = 2 / 2

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	2 / 3 = 2 / 3
	2 / 4 = 2 / 4
	2 / 5 = 2 / 5
	3 / 1 = 3 / 1
	3 / 2 = 3 / 2
	3 / 3 = 3 / 3
	3 / 4 = 3 / 4
	3 / 5 = 3 / 5
	4 / 1 = 4 / 1
	4 / 2 = 4 / 2
	4 / 3 = 4 / 3
	4 / 4 = 4 / 4

Signaling

Status display present	No
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Dimensions

Dimensional drawing	
Width	58 mm
Height	45 mm
Length	117 mm

Material specifications

Material Threaded sleeve	Die-cast zinc
Material Housing	PBT
Material Molding compound	PUR
Flammability rating according to UL 94	V0
Seal material O-ring	NBR
Contact material	Cu alloy
Contact surface material	gold-plated
Contact carrier material	PA
Material of contact, master cable side	CU alloy
Material of the contact carrier on the master cable side	PA 6.6 V0
Material of contact surface, master cable side	gold-plated

Cable/line

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

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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
	IP67
	IP69K
Ambient temperature (operation)	-30 °C ... 80 °C
Ambient temperature (storage/transport)	-30 °C ... 90 °C

Standards and regulations

M12

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-101

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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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