


SACB-C-H180 8/16 SCO

Order No.: 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

Commercial data	
GTIN (EAN)	 4 017918 967444
sales group	D100
Pack	10 pcs.
Customs tariff	85366990
Catalog page information	Page 194 (PC-2011)

Product notesWEEE/RoHS-compliant since:
08/01/2005

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Technical data	
General data	
Rated voltage	120 V
Current carrying capacity per I/O signal	2 A
Total rated current	10 A
Number of slots	8

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

Master cable 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
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
Conductor cross-section AWG max. (energy)	16
External cable diameter min.	7 mm
External cable diameter max.	12 mm
Stripping length	7 mm
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

Pin assignment

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

Certificates / Approvals



Certification

CUL, UL

Accessories

Item	Designation	Description
General		
1503328	SACB- 4X0,34/ 3X0,75-50,0 PUR	Master cable for sensor/actuator boxes, with PE conductor, unshielded, material PUR/PVC, 7-pos., 4 x 0.34 mm ² and 3 x 0.75 mm ²
1503331	SACB- 6X0,34/ 3X0,75-50,0 PUR	Master cable for sensor/actuator boxes, with PE conductor, unshielded, material PUR/PVC, 9-pos., 6 x 0.34 mm ² and 3 x 0.75 mm ²

1503344	SACB- 8X0,34/ 3X0,75-50,0 PUR	Master cable for sensor/actuator boxes, with PE conductor, unshielded, material PUR/PVC, 11-pos., 8 x 0.34 mm ² and 3 x 0.75 mm ²
1503357	SACB- 8X0,5/ 3X1,0-50,0 PUR	Master cable for sensor/actuator boxes, with PE conductor, unshielded, material PUR/PVC, 11-pos., 8 x 0.50 mm ² and 3 x 1.00 mm ² , length: 50 m
1503360	SACB-12X0,5/ 3X1,0-50,0 PUR	Master cable for sensor/actuator boxes, with PE conductor, unshielded, material PUR/PVC, 15-pos., 12 x 0.50 mm ² and 3 x 1.00 mm ² , length: 50 m
1559893	SACB-16X0,5/ 3X1,0-200,0 PUR	Master cable for sensor/actuator boxes, with PE conductor, unshielded, material PUR/PP, 19-pos., 16 x 0.50 mm ² and 3 x 1.00 mm ² , length: 200 m on drum
1402304	SACB-16X0,5/ 3X1,0-50,0 80MC	Master cable for sensor/actuator boxes, 19-wire, unshielded, PUR halogen-free, drag chain and robot compatible, black outer sheath, 16 x 0.5 mm ² and 3 x 1.0 mm ²
1503373	SACB-16X0,5/ 3X1,0-50,0 PUR	Master cable for sensor/actuator boxes, with PE conductor, unshielded, material PUR/PP, 19-pos., 16 x 0.50 mm ² and 3 x 1.00 mm ² , length: 50 m
1430938	SACB-16X0,5/ 3X1,0-50,0 VPUR	Master cable for sensor/actuator boxes, with PE conductor, unshielded, material PUR/PP, 19-pos., 16 x 0.50 mm ² and 3 x 1.00 mm ² , length: 50 m
1516726	SACB-4/ 4-L-C GG SCO	Sensor/actuator box header, M12-SPEEDCON-socket, Number of slots: 4, Number of positions: 4, Slot assignment: Single, Status indication: Yes, pnp; Master cable connection: Pluggable screw connection, Shielding: No
1516739	SACB-4/ 8-L-C GG SCO	Sensor/actuator box header, M12-SPEEDCON-socket, Number of slots: 4, Number of positions: 5, Slot assignment: Double, Status indication: Yes, pnp; Master cable connection: Pluggable screw connection, Shielding: No
1516742	SACB-6/ 6-L-C GG SCO	Sensor/actuator box header, M12-SPEEDCON-socket, Number of slots: 6, Number of positions: 4, Slot assignment: Single, Status indication: Yes, pnp; Master cable connection: Pluggable screw connection, Shielding: No
1516755	SACB-6/12-L-C GG SCO	Sensor/actuator box header, M12-SPEEDCON-socket, Number of slots: 6, Number of positions: 5, Slot assignment: Double, Status indication: Yes, pnp; Master cable connection: Pluggable screw connection, Shielding: No
1516768	SACB-8/ 8-L-C GG SCO	Sensor/actuator box header, M12-SPEEDCON-socket, Number of slots: 8, Number of positions: 4, Slot assignment: Single, Status indication: Yes, pnp; Master cable connection: Pluggable screw connection, Shielding: No
1516771	SACB-8/16-L-C GG SCO	Sensor/actuator box header, M12-SPEEDCON-socket, Number of slots: 8, Number of positions: 5, Slot assignment: Double, Status indication: Yes, pnp; Master cable connection: Pluggable screw connection, Shielding: No
1401690	SACB-8X0,5/3X1,0-50,0 HPUR	Master cable ring, Number of positions: 11, Cable length: 50 m
0824468	SS-ZB 17,5 WH CUS	Marker, can be labeled as per customer request

0804976	SS-ZB 17,5 YE	Contactor marker Zack strip, unprinted: 5-section, for snapping into equipment and components with special marker carrier, can be labeled with M-PEN, CMS system or label BMKT 17.5 x 8, lettering field: 17.5 x 8 mm, color: yellow
0824469	SS-ZB 17,5 YE CUS	Marker, can be labeled as per customer request

Marking

0804963	SS-ZB 17,5 WH	Contactor marker Zack strip, unprinted: 5-section, for snapping into equipment and components with special marker carrier, can be labeled with M-PEN, CMS system or label BMKT 17.5 x 8, lettering field: 17.5 x 8 mm, color: white
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Tools

1212486	SAC BIT HOOD-W 24	Nut for assembling pressure nuts with 24 mm wrench size, for 4 mm hexagonal drive
1206450	SZK PZ1 VDE	Screwdriver, PZ crosshead, VDE insulated, size: PZ 1 x 80 mm, 2-component grip, with non-slip grip
1212315	TSD 25 SAC	Torque screwdriver, with preset torque of 2.5 Nm and 4 mm hexagonal drive for the pressure nut of the connector hood
1212224	TSD-M 1,2NM	Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 0.3 - 1.2 Nm
1212225	TSD-M 3NM	Torque screw driver, accuracy as per EN ISO 6789 standard, adjustable from 1.2 - 3 Nm
1212600	TSD-M SAC-BIT ADAPTER	Adapter bit for TSD-M...torque tools, E6.3-1/4" drive with 4 mm hexagon to accommodate SAC bits

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