

SACB-8/16-M23 P12 SH - Distributor box



1155996

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Distributor box, application: Standard, connection method: M12 socket Metal, number of slots: 8, number of positions: 5, coding: A, slot assignment: Double, status display: No, Universal; master cable connection: M23 plug connection 180°, shielding: yes

Your advantages

- Safety in the field, thanks to molded housing and high degree of protection
- Save space: distributor box with double occupancy for two sensors in one slot
- Reliable signal transmission – 360° shielding in environments with electromagnetic interference

Commercial data

Item number	1155996
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF43
Product key	BF3CDB
GTIN	4063151158835
Weight per piece (including packing)	603.5 g
Weight per piece (excluding packing)	554 g
Customs tariff number	85366990
Country of origin	DE

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Technical data

Notes

General	Not suitable for M12 push-pull connectors.
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
Application	Standard
Number of slots	8
Coding	A

Electrical properties

Nominal voltage U_N	48 V AC
	60 V DC
Rated current, total	10 A (up to 40 °C)
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
Tightening torque slot sensor/actuator cable	0.4 Nm

Pin assignment

Slot/position = Wire color or connection	1 / 4 (A) = 15
	1 / 2 (B) = 7
	2 / 4 (A) = 5
	2 / 2 (B) = 4
	3 / 4 (A) = 16
	3 / 2 (B) = 8
	4 / 4 (A) = 3
	4 / 2 (B) = 14
	5 / 4 (A) = 17
	5 / 2 (B) = 9
	6 / 4 (A) = 2
	6 / 2 (B) = 13
	7 / 4 (A) = 11

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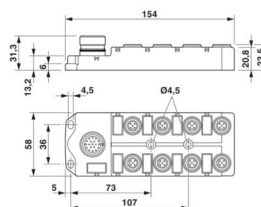
$7 / 2 (B) = 10$
$8 / 4 (A) = 1$
$8 / 2 (B) = 18$
$1-8 / 1 (+ 48 V) = 19$
$1-8 / 3 (0 V) = 6$
$1-8 / 5 (PE) = 12$

Signaling

Status display present	No
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Dimensions

Dimensional drawing



Width	58 mm
Height	36 mm
Length	160 mm

Material specifications

Material Threaded sleeve	Die-cast zinc
Material Housing	Die-cast zinc
Material Molding compound	PUR
Flammability rating according to UL 94	V0
Seal material O-ring	FKM
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	PBT
Material of contact surface, master cable side	gold-plated

Cable/line

Connection method	M23 plug connection
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Environmental and real-life conditions

Ambient conditions

Degree of protection	IP65
Ambient temperature (operation)	-25 °C ... 70 °C

Standards and regulations

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