

SACB-4/T-L-8FUSE DIAG CT AXL - Power distributor



1411048

<https://www.phoenixcontact.com/us/products/1411048>

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Power distributor, application: Power supply, connection method: M12 socket Metal, number of slots: 4, number of positions: 4, coding: T, slot assignment: single, status display: Yes, Universal; master cable connection: Plug-in master cable connection 90°, shielding: no, Diagnostics port, M12, A-coded, 12-pos.

Your advantages

- Safety in the field, thanks to molded housing and high degree of protection
- Convenient: increased machine availability thanks to quick and easy diagnostics
- Flexible: distributor box with connector hood for on-site assembly

Commercial data

Item number	1411048
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	BF44
Product key	BF3ECC
Catalog page	Page 301 (C-2-2019)
GTIN	4046356920254
Weight per piece (including packing)	598.25 g
Weight per piece (excluding packing)	552.88 g
Customs tariff number	85366990
Country of origin	DE

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	4
Application	Power supply
Number of slots	4
Coding	T

System properties

Local diagnostics

Monitored function	Supply voltage per module
Optical representation	Green LED

Electrical properties

Max. operating voltage U_{max}	30.5 V DC
Local diagnostics	Supply voltage per module Green LED
	Status display I/O Yellow LED
Nominal voltage U_N	24 V DC
Rated current, total	70 A (at 40°C, observe the distribution of the current paths under load)
Protective circuit	Overload protection for the outputs; Fuse in header
Max. current carrying capacity per path	10 A (M12 diagnostic socket for each channel max. 50 mA)
Current carrying capacity per slot	2x 9.25 A (at 40 °C)

Connection data

Conductor connection

Sensor/actuator connection system	M12 socket
Conductor cross section Flexible power supply	2.5 mm ² ... 6 mm ²
Connection cross section AWG Flexible power supply	14 ... 10
Tightening torque, cover screw	0.6 Nm
Tightening torque slot sensor/actuator cable	0.4 Nm
Tightening torque, union nut	5 Nm

Signaling

Status display present	Yes
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Dimensions

Dimensional drawing	
Width	60 mm
Height	52 mm
Length	212 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	Viton NBR
Contact material	Cu alloy
Contact surface material	pre-nickel plated, gold-plated
Contact carrier material	PA
Material of contact, master cable side	CU alloy
Material of the contact carrier on the master cable side	PC
Material of contact surface, master cable side	Silver-plated

Cable/line

External cable diameter ()	9 mm ... 15.5 mm
Connection method	Plug-in master cable connection

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66 IP67
Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 80 °C

Standards and regulations

Standard designation	M12 connector
Standards/specifications	IEC 61076-2-111
Standard designation	Shock, vibration
Standards/specifications	EN 60068-2-6 EN 60068-2-27

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EN 60068-2-64

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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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