

Power distributor - SACB-4/T-L-8FUSE CT AXL - 1413929

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Power distributor, Application: Power supply, Connection method: M12-SPEEDCON-socket Metal, Number of slots: 4, Number of positions: 4, Coding: T power, Slot assignment: single, Status indication: Yes, Universal; Master cable connection: Plug-in master cable connection 90°, Shielding: No

Product Features

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



Key Commercial Data

Packing unit	1 pc
Custom tariff number	85444290
Country of origin	Germany

Technical data

General

Rated voltage	24 V DC
Max. operating voltage U_{max}	30.5 V DC
Current carrying capacity per I/O signal	10 A
Current carrying capacity per slot	2x 9.25 A (at 40 °C)
Total rated current	70 A (at 40°C, observe the distribution of the current paths under load)
Protective circuit	Overload protection for the outputs Fuse in header
Number of positions	4
Number of slots	4
Flammability rating according to UL 94	V0
Sensor/actuator connection system	M12-SPEEDCON-socket

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Technical data

Ambient conditions

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

Local diagnostics function

Local diagnostics	Supply voltage per module Green LED
	Status display I/O Yellow LED

Master cable data/connection data

Connection method	Plug-in master cable connection
Conductor cross section min. (energy)	2.5 mm ²
Conductor cross section max. (energy)	6 mm ²
Conductor cross section AWG min. (energy)	14
Conductor cross section AWG max. (energy)	10
External cable diameter min.	9 mm
External cable diameter max.	15.5 mm
Tightening torque, cover screw	0.6 Nm
Tightening torque, union nut	5 Nm
Tightening torque slot sensor/actuator cable	0.4 Nm

Insulation material

Housing material	PBT
Material of the moulding mass	PUR
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 contact surface, master cable side	Silver-plated
Material of the contact carrier on the master cable side	PC
Material of threaded sleeve	Zinc die-cast
Material of threaded sleeve surface	Nickel-plated
Sealing material	Viton (M12 socket)
	NBR (Master cable side)

Classifications

eCl@ss

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Classifications

eCl@ss

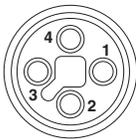
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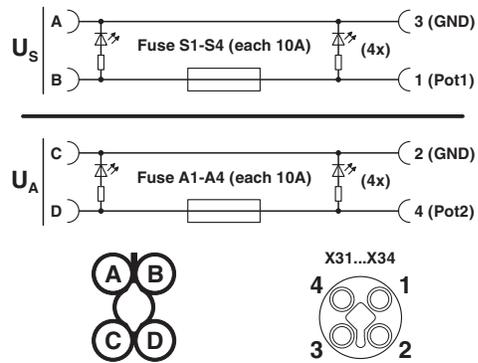
Drawings

Schematic diagram

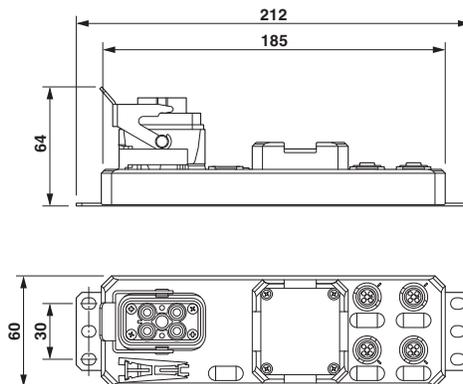


Connector pin assignment of M12 socket, 4-pos., T-coded, view of socket side

Circuit diagram

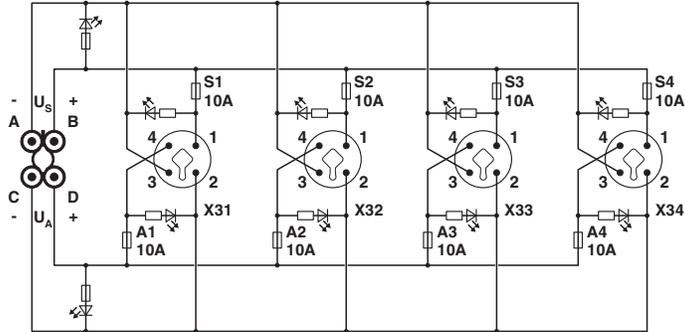


Dimensional drawing



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Circuit diagram



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