Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

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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

SPEEDCON LOCKING

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

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

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 mm²
Conductor cross section max. (energy)	6 mm²
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

eCl@ss 5.1	27143423

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

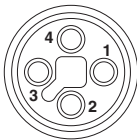## Classifications

eCl@ss

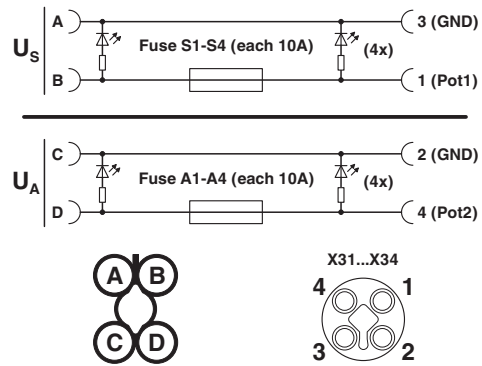| eCl@ss 6.0	27143423

ETIM

ETIM 5.0	EC000374

Drawings

Schematic diagram

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

Circuit diagram

U_S
A — 3 (GND)
Fuse S1-S4 (each 10A)   (4x)
B — 1 (Pot1)

U_A
C — 2 (GND)
Fuse A1-A4 (each 10A)   (4x)
D — 4 (Pot2)

X31...X34

Dimensional drawing

212
185
64
60
30

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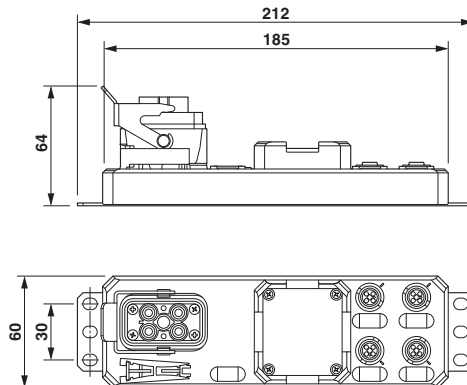
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Circuit diagram