

Power terminal block - MINI MCR-SL-PTB-FM - 2902958

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The MINI MCR-SL-PTB-FM(-SP) power terminal block is used to supply the supply voltage to the T-connector. The FM power terminal block offers the additional function of monitoring in combination with the fault monitoring module. Screw connection.

Product description

The MINI MCR-SL-PTB-FM(-SP) power terminal block is used to supply the supply voltage to the T-connector. Two separate voltage inputs enable redundant and diode-decoupled power supply up to a maximum current of 2 A. The FM power terminal block offers additional functions, monitoring in combination with the MINI MCR-SL-FM-RO fault monitoring module (Order No. 2902961, 2902962), flexible redundant supply of one or both module sides, and an extended supply voltage range of 0 ... 30 V DC.



Key commercial data

Packing unit	1 pc
GTIN	 4 046356 702713
Weight per Piece (excluding packing)	82.1 g
Custom tariff number	85369010
Country of origin	Germany

Technical data

Note:

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

Width	6.2 mm
Height	93.1 mm
Depth	102.5 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-20 °C ... 65 °C
Ambient temperature (storage/transport)	-40 °C ... 85 °C

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Technical data

Output data

Output voltage range	Input voltage - 0.8 V
Output current	≤ 2 A

General

Mounting position	any
Assembly instructions	The T connector can be used to bridge the supply voltage. It can be snapped onto a 35 mm DIN rail according to EN 60715.
Electromagnetic compatibility	Conformance with EMC Directive 2004/108/EC
Noise emission	EN 61000-6-4
ATEX	# II 3 G Ex nA IIC T4 Gc X

Connection data, input

Connection method	Screw connection
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	2.5 mm ²
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section AWG/kcmil min.	26
Conductor cross section AWG/kcmil max	12
Stripping length	12 mm
Screw thread	M3

Classifications

eCl@ss

eCl@ss 4.0	27210107
eCl@ss 4.1	27210107
eCl@ss 5.0	27210107
eCl@ss 5.1	27210107
eCl@ss 6.0	27210107
eCl@ss 7.0	27210107
eCl@ss 8.0	27210107

ETIM

ETIM 3.0	EC001485
ETIM 4.0	EC001485
ETIM 5.0	EC001485

UNSPSC

UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008

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Classifications

UNSPSC

UNSPSC 12.01	39121008
UNSPSC 13.2	39121008

Approvals

Approvals

Approvals


UL Listed / cUL Listed / cULus Listed


Ex Approvals


UL Listed / cUL Listed / ATEX / cULus Listed

Approvals submitted

Approval details

UL Listed 

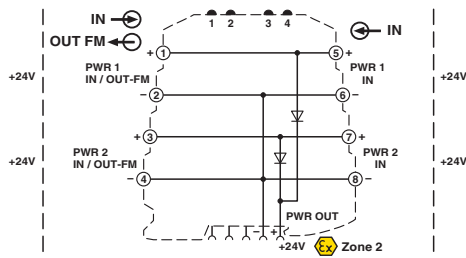
cUL Listed 

cULus Listed 

Drawings

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Block diagram



Pictogram

