Power terminal block - MINI MCR-SL-PTB-FM-SP - 2902959

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (http://download.phoenixcontact.com)

The figure shows a version with a screw connection

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. Spring-cage 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 702720
Weight per Piece (excluding packing)	74.2 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

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

Power terminal block - MINI MCR-SL-PTB-FM-SP - 2902959

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	Spring-cage connection
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	2.5 mm²
Conductor cross section stranded min.	0.2 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12
Stripping length	8 mm

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
UNSPSC 12.01	39121008

Power terminal block - MINI MCR-SL-PTB-FM-SP - 2902959

Classifications

UNSPSC

UNSPSC 13.2	39121008

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

ATEX / UL Listed / cUL Listed / cULus Listed

Approvals submitted

Approval details

UL Listed

cUL Listed

cULus Listed

Drawings

Power terminal block - MINI MCR-SL-PTB-FM-SP - 2902959

Pictogram