

# Power terminal block - MINI MCR-SL-PTB - 2864134

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MCR power terminal block for supplying several MINI Analog modules via the DIN rail connector, with screw connection, maximum current consumption of up to 2 A

## Article description

The 6.2 mm wide MINI MCR-SL-PTB... power terminal is used for supplying the DIN rail connector with supply voltage. Two separate voltage inputs allow a redundant voltage supply of 24 V DC and a maximum current of 2 A. A green LED on the front panel lights up when there is supply voltage on the DIN rail connector. Red LEDs indicate supply voltages connected with reversed polarity. When the supply voltage has been connected correctly, the red LED extinguishes.

## Your advantages

- For supplying the supply voltage via the foot element (DIN rail connector) where DC voltages of up to 30 V are already available
- For up to 2 A
- For up to 80 MINI Analog modules
- Redundant supply decoupled from diode possible
- Status and error indication via diagnostic LEDs



## Key commercial data

package_quantity	1
GTIN	4017918974770

## 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

<b>Output voltage range</b>	Input voltage - 0.8 V
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### General

<b>Mounting position</b>	any
<b>Assembly instructions</b>	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.

### Connection data, input

<b>Connection method</b>	Screw connection
<b>Conductor cross section solid min.</b>	0.2 mm <sup>2</sup>
<b>Conductor cross section solid max.</b>	2.5 mm <sup>2</sup>
<b>Conductor cross section flexible min.</b>	0.2 mm <sup>2</sup>
<b>Conductor cross section flexible max.</b>	2.5 mm <sup>2</sup>
<b>Conductor cross section AWG min.</b>	26
<b>Conductor cross section AWG max.</b>	12
<b>Stripping length</b>	12 mm
<b>Screw thread</b>	M3

### Standards and Regulations

<b>Electromagnetic compatibility</b>	Conformance with EMC directive
<b>Noise emission</b>	EN 61000-6-4
<b>Connection in acc. with standard</b>	CUL
<b>Standards/regulations</b>	EN 61000-4-2
<b>Designation</b>	Electromagnetic RF field
<b>Standards/regulations</b>	EN 61000-4-3
<b>Evaluation criterion</b>	A
<b>Standards/regulations</b>	EN 61000-4-4
<b>Standards/regulations</b>	EN 61000-4-5
<b>Designation</b>	Conducted interferences
<b>Standards/regulations</b>	EN 61000-4-6
<b>Evaluation criterion</b>	A
<b>Conformance</b>	CE-compliant
<b>ATEX</b>	# II 3 G Ex nA IIC T4 Gc X
<b>UL, USA / Canada</b>	UL 508 Recognized
<b>UL, USA / Canada</b>	Class I, Div. 2, Groups A, B, C, D T5
<b>GL</b>	GL EMC 2 D

## Classifications

### eCl@ss

<b>eCl@ss 4.0</b>	27210107
<b>eCl@ss 4.1</b>	27210107
<b>eCl@ss 5.0</b>	27210107

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## Classifications

### eCl@ss

eCl@ss 5.1	27210107
eCl@ss 6.0	27210107
eCl@ss 7.0	27210190
eCl@ss 8.0	27242610

### ETIM

ETIM 2.0	EC001485
ETIM 3.0	EC001485
ETIM 4.0	EC000900
ETIM 5.0	EC001600

### UNSPSC


UNSPSC 6.01	30211506
UNSPSC 7.0901	39121008
UNSPSC 11	39121008
UNSPSC 12.01	39121008
UNSPSC 13.2	39121008


## Approvals


UL Listed / cUL Listed / ATEX / cULus Listed / UL Recognized / GL / EAC / cULus Recognized /


### Approval details

UL Listed s 

cUL Listed s 

ATEX s 

cULus Listed s 

UL Recognized s 

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## Approvals

cUL Recognized s

GL s

EAC s

cULus Recognized s

## Accessories

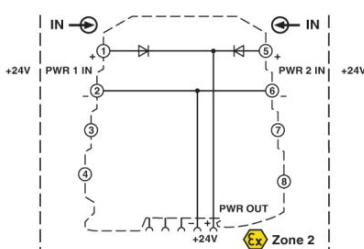
### DIN rail connector

ME 6,2 TBUS-2 1,5/5-ST-3,81 GN - 2869728



## Drawings

### Block diagram



### Dimensional drawing

