

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

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

## Product 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.

## Product Features

- For supplying the supply voltage via the foot element (T-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
<b>Output current</b>	≤ 2 A

### 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.
<b>Electromagnetic compatibility</b>	Conformance with EMC Directive 2004/108/EC
<b>Noise emission</b>	EN 61000-6-4
<b>ATEX</b>	# II 3 G Ex nA IIC T4 Gc X

### 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 stranded min.</b>	0.2 mm <sup>2</sup>
<b>Conductor cross section stranded max.</b>	2.5 mm <sup>2</sup>
<b>Conductor cross section AWG/kcmil min.</b>	26
<b>Conductor cross section AWG/kcmil max</b>	12
<b>Stripping length</b>	12 mm
<b>Screw thread</b>	M3

## classifications

### eCl@ss

<b>eCl@ss 4.0</b>	27210107
<b>eCl@ss 4.1</b>	27210107
<b>eCl@ss 5.0</b>	27210107
<b>eCl@ss 5.1</b>	27210107
<b>eCl@ss 6.0</b>	27210107
<b>eCl@ss 7.0</b>	27210190
<b>eCl@ss 8.0</b>	27210190

### ETIM

<b>ETIM 2.0</b>	EC001485
<b>ETIM 3.0</b>	EC001485
<b>ETIM 4.0</b>	EC001485
<b>ETIM 5.0</b>	EC001485

### UNSPSC

<b>UNSPSC 6.01</b>	30211506
<b>UNSPSC 7.0901</b>	39121008
<b>UNSPSC 11</b>	39121008
<b>UNSPSC 12.01</b>	39121008

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## classifications

UNSPSC

UNSPSC 13.2	39121008
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## approvals

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

## Approval details

UL Listed

cUL Listed

ATEX

cULus Listed

UL Recognized

cUL Recognized

GL

cULus Recognized

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accessories

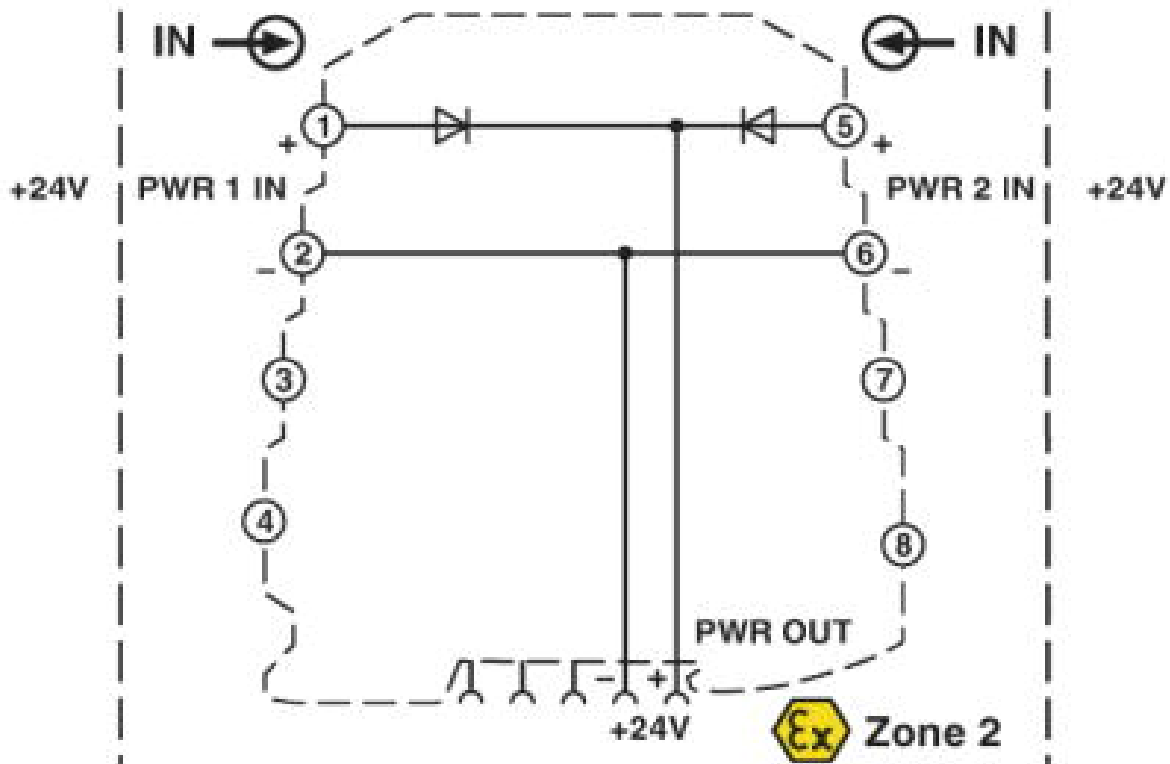
DIN rail connector

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



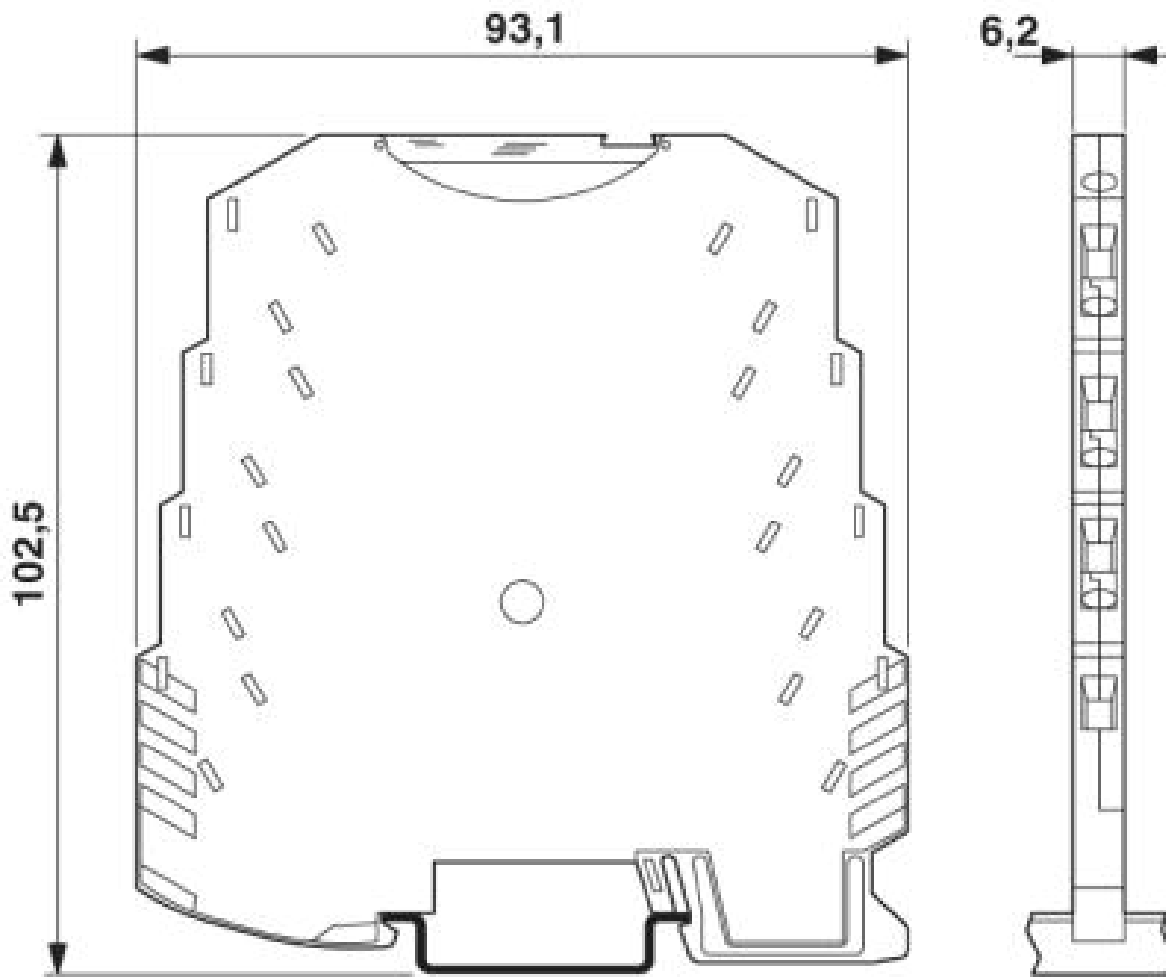
## Drawings

Block diagram



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

Dimensioned drawing



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