

**INDUSTRIAL COMPONENT DATA**

# MINI MCR-SL-RPS-I-I 2864422 PHOENIX CONTACT Repeater power supply

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-SL-RPS-I-I



|                 |                     |
|-----------------|---------------------|
| Manufacturer    | PHOENIX CONTACT     |
| MPN / Reference | MINI MCR-SL-RPS-I-I |
| Catalog number  | 2864422             |
| Category        | Isolation amplifier |
| Minimum order   | 1 Pcs               |
| Document ID     | EO-2F6FFFA51        |
| Generated       | 2026-08-04          |

## Product Overview

Repeater power supply

MCR feeder separator, with screw connection, input signal: (0)4..20 mA, output signal: (0)4..20 mA

Repeater power supply, screw connection, input signal: (0)4 mA. ... 20 mA, output signal: (0)4 mA. ... 20 mA

**STRUCTURED PRODUCT DATA**

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path **PHOENIX CONTACT > INTERFACE Components (IF)**

## Additional Product Information

Technical dataNotesUtilization restriction

EMC note EMC: class A product, see manufacturer's declaration in the download area

Product propertiesProduct type Repeater power supply

Product family MINI Analog

No. of channels 1

Data management status

Article revision 16

Insulation characteristics

Overvoltage category II

Pollution degree 2

Electrical propertiesElectrical isolation 3-way isolation

Electrical isolation between input and output yes

Limit frequency (3 dB) approx. 100 Hz

Maximum power dissipation for nominal condition 508 mW (24 V DC)

208 mW (24 V DC)

Protective circuit Transient protection

Signal transmission behavior In = Out

Step response (10-90%) ? 3.5 ms

Maximum temperature coefficient < 0.01 %/K

Temperature coefficient, typical < 0.002 %/K

Maximum transmission error <= 0.2 % (of final value)

Transmission error, typical <= 0.1 % (of final value)

Electrical isolation Input/output/power supply

Rated insulation voltage 50 V AC/DC

Test voltage 1.5 kV AC (50 Hz, 60 s)

Insulation Basic insulation in accordance with IEC/EN 61010

Supply

Nominal supply voltage 24 V DC

Supply voltage range 19.2 V DC ... 30 V DC (The DIN rail connector (ME 6,2 TBUS-2 1,5/5-ST-3,81 GN, item no. 2869728) can be used to bridge the supply voltage. It can be snapped onto a 35 mm DIN rail in accordance with EN 60715)

Power consumption < 900 mW (at 24 V DC and in repeater power supply operation)

< 600 mW (at 24 V DC and in isolator operation)

Input dataSignal: Current

Description of the input Sensor...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-SL-RPS-I-I with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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