INDUSTRIAL COMPONENT DATA

# MINI MCR-2-RPSS-I-I 2902014 PHOENIX CONTACT Repeater power supply

**Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-2-RPSS-I-I**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | MINI MCR-2-RPSS-I-I |
| Catalog number | 2902014 |
| Category | Isolation amplifier |
| Minimum order | 1 Pcs |
| Document ID | EO-8ECDB700FB |
| Generated | 2026-11-18 |

## Product Overview

Repeater power supply
3-way power separator amplifier with plug-in connection technology. HART transparency, 0(4) input signal... 20 mA, 0(4) output signal... 20 mA. The device can be used in both splitter mode and power separator amplifier mode. Screw connection technology
3-way repeater power supply with plug-in connection technology. HART-transparent, input signal 0(4)...20 mA, output signal 0(4)...20 mA. The device can be used in both isolator and repeater power supply operation. Screw connection technology

STRUCTURED PRODUCT DATA

## Technical Specifications

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

## Classification & Catalog Path

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|---|---|
| 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 Pro
No. of channels 1
Type Signal conditioner
Data management status
Article revision 12
Insulation characteristics: GB Standard
Overvoltage category II

Pollution degree 2
Electrical propertiesElectrical isolation 3-way isolation
Electrical isolation between input and output yes
Limit frequency (3 dB) > 1.75 kHz
Protective circuit Transient protection
Signal transmission behavior In = Out
Step response (10-90%) < 200 µs (typ.)
Maximum temperature coefficient 0.0075 %/K
Temperature coefficient, typical 0.0075 %/K
Maximum transmission error 0.05 % (of final value in repeater power supply operation)
0.1 % (of final value in isolator operation)
Electrical isolation Input/output/power supply
Rated insulation voltage 300 Vrms
Test voltage 3 kV AC (50 Hz, 60 s)
Insulation Reinforced insulation according to IEC/EN 61010-1
Supply
Nominal supply voltage 24 V DC
Supply voltage range 9.6 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)
Typical current consumption 25 mA (at 24 V DC and in isolator operation)
50 mA (at 24 V DC and in repeater power supply operation)
55 mA (at 12 V DC and in isolator operation)
110 mA (at 12 V DC and in...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-2-RPSS-I-I with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

**GLOBAL OFFICES**

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