

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-9A2029C442
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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

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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