

INDUSTRIAL COMPONENT DATA

MINI MCR-2-RPSS-I-I-PT 2902015 PHOENIX CONTACT

Repeater power supply

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-RPSS-I-I-PT
Catalog number	2902015
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-827ED199E3
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Product Overview

Repeater power supply

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

3-way feed separator with pluggable connection technology. HART-transparent, input signal 0(4) mA ... 20 mA, output signal 0(4) mA ... 20 mA. The device can be used in both disconnecter and feed separator mode. Push-in 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

Key Commercial Data

Orderkey 2902015

Packing unit 1 pc

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GTIN 4046356649544

Weight per Piece (excluding packing) 88.000 g

Custom tariff number 85437090

Country of origin DE (Germany)

Note

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

Dimensions

Width 6.2 mm

Height 110.5 mm

Depth 120.5 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 70 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Input data

Description of the input Current input (sensor circuit)

Number of inputs 1

Current input signal 4 mA ... 20 mA (repeater power supply and isolator operation)

0 mA ... 20 mA (isolator operation)

Input resistance current input approx. 68 Ω (+ 0.7 V for test diode)

Transmitter supply voltage > 19.5 V

Output data

Output name Current output

Number of outputs 1

Current output signal 4 mA ... 20 mA (repeater power supply and isolator operation)

0 mA ... 20 mA (isolator operation)

Max. output current 24 mA

Load/output load current output ≤ 600 Ω (at 20 mA)

Ripple < 20 mVPP(at 600 Ω)

Transmission Behavior 1:1 to input signal

Power supply

Nominal supply voltage 24 V DC

Supply voltage range 9.6 V DC ... 30 V DC (The DIN rail bus connector (ME 6,2 TBUS-2 1,5/5-ST-3,81 GN, Order No. 2869728) can be used to bridge the supply voltage. It can be snapped onto a 35 mm DIN rail according to EN 60715))

Typical current consumption 25 mA (at 24 V DC and in isolator operation)

50 mA (at 24 V DC and i...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

GLOBAL OFFICES

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