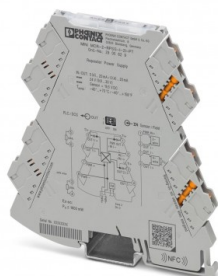


INDUSTRIAL COMPONENT DATA

MINI MCR-2-RPSS-I-2I-PT 2905629 PHOENIX CONTACT

Repeater power supply

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-RPSS-I-2I-PT
Catalog number	2905629
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-4F530CB548
Generated	2026-08-04

Product Overview

Repeater power supply

4-way power duplicator with plug-in connection technology. HART transparency, 0(4) mA input signal ... 20 mA, 0(4) mA output signals ... 20 mA. The device can be used in both signal operating and power mirroring modes. 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 2905629

Packing unit 1 pc

GTIN 4046356999441

Weight per Piece (excluding packing) 123.000 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 90 ? (+1.6 V)

Transmitter supply voltage > 19.5 V

Output data

Output name Current output

Number of outputs 2

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

0 mA ... 20 mA (isolator operation)

Max. output current 25 mA

Load/output load current output <= 500 ? (per channel)

Ripple < 20 mVPP(at 500 ?)

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 40 mA (at 24 V DC and in isolator operation)

65 mA (at 24 V DC and in repeater power supply operation)

75 mA (at 12 V DC...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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