

INDUSTRIAL COMPONENT DATA

MINI MCR-2-U-I4 2902029 PHOENIX CONTACT Signal conditioner

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-2-U-I4



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-U-I4
Catalog number	2902029
Category	Isolation amplifier
Minimum order	1 Pcs
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Product Overview

Signal conditioner

3-way signal conditioner with plug-in connection technology for galvanic separation of analog signals. Input signal: 0 V ... 10 V, output signal: 4 mA ... 20 mA, 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

Key Commercial Data

Orderkey 2902029

Packing unit 1 pc

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GTIN 4046356649704

Weight per Piece (excluding packing) 97.000 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

Permissible humidity (operation) 5 % ... 95 % (non-condensing)

Input data

Number of inputs 1

Configurable/programmable no

Voltage input signal 0 V ... 10 V

Input resistance of voltage input approx. 1 M Ω

Input resistance current input approx. 63 Ω (+ 0.7 V for test diode)

Output data

Number of outputs 1

Configurable/programmable no

Current output signal 4 mA ... 20 mA

Max. output current 22 mA

Load/output load current output $\leq 600 \Omega$ (at 20 mA)

Ripple < 20 mVPP(at 600 Ω)

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 (24 V DC)

54 mA (12 V DC)

Power consumption ≤ 800 mW (at 9.6 V DC)

Connection data

Connection method Screw connection

Single conductor/terminal point, solid, with ferrule, min. 0.2 mm²

Single conductor/terminal point, solid...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-2-U-I4 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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