

INDUSTRIAL COMPONENT DATA

MINI MCR-2-I4-U-PT 2902003 PHOENIX CONTACT Signal conditioner

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-I4-U-PT
Catalog number	2902003
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: 4 mA ... 20 mA, output signal: 0 V ... 10 V, 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 2902003

Packing unit 1 pc

Catalog page Page 74 (C-5-2017)

Weight per Piece (excluding packing) 97.100 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

Current input signal 4 mA ... 20 mA

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

Number of outputs 1

Configurable/programmable no

Voltage output signal 0 V ... 10 V

Max. output voltage 11 V

Short-circuit current < 15 mA

Load/output load voltage output $\geq 10 \text{ k}\Omega$ Ripple < 20 mVPP(at 10 k 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 $\leq 200 \text{ mW}$ (at 9.6 V DC)**Connection data**

Connection method Push-in connection

Single conductor/terminal point, solid, with ferrule, min. 0.14 mm²Single conductor/terminal point, solid, with ferrule, max. 2.5 mm²

Single conductor...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-2-I4-U-PT with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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