

INDUSTRIAL COMPONENT DATA

MINI MCR-2-2I-2I-ILP-PT 2901997 PHOENIX CONTACT

Loop-powered isolators

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-2I-2I-ILP-PT
Catalog number	2901997
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-3B141606B8
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Product Overview

Loop-powered isolators

Two-channel input loop-fed 2-way separator with plug-in connection technology for galvanic separation of analog signals. Input signal = output signal: 0(4)mA ... 20 mA. 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 2901997

Packing unit 1 pc

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GTIN 4046356649483

Weight per Piece (excluding packing) 106.800 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

Number of inputs 2

Configurable/programmable no

Current input signal 0 mA ... 20 mA

4 mA ... 20 mA

Response current approx. 200 µA

Input voltage limitation 30 V

Voltage dissipation 3.1 V (I = 20 mA)

Output data

Output name Current output

Number of outputs 2

Configurable/programmable no

Current output signal 0 mA ... 20 mA

4 mA ... 20 mA

Load/output load current output < 600 ? (at I = 20 mA output signal)

Transmission Behavior 1:1 to input signal

Power supply

Supply voltage range 9.6 V DC ... 30 V DC (no separate supply voltage necessary)

Power consumption 600 mW

Connection data

Connection method Push-in connection

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

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

Single conductor/terminal point, solid, without ferrule, min. 0.14 mm²

Single conductor/terminal point, solid, without ferrule, max. 2.5 mm²

Conductor cross section flexible min. 0.14 mm²

Conduct...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-2-2I-2I-ILP-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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