

**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           |
| Generated       | 2026-08-01              |

## 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 &gt; INTERFACE Components (IF)

## Additional Product Information

Key Commercial Data

Orderkey 2901997

Packing unit 1 pc

Catalog page Page 78 (C-5-2017)

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 mm<sup>2</sup>

Single conductor/terminal point, solid, with ferrule, max. 2.5 mm<sup>2</sup>

Single conductor/terminal point, solid, without ferrule, min. 0.14 mm<sup>2</sup>

Single conductor/terminal point, solid, without ferrule, max. 2.5 mm<sup>2</sup>

Conductor cross section flexible min. 0.14 mm<sup>2</sup>

Conduct...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-2-2I-2I-ILP-PT with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.