INDUSTRIAL COMPONENT DATA

MINI MCR-2-I-I-ILP-PT 2901995 PHOENIX CONTACT Loop-powered isolators

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-I-I-ILP-PT
Catalog number	2901995
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-FB460C2E7E
Generated	2026-11-18

Product Overview

Loop-powered isolators
2-way one-channel input loop-fed 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 2901995
Packing unit 1 pc
Catalog page Page 78 (C-5-2017)
GTIN 4046356649261
Weight per Piece (excluding packing) 52.200 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
Maximum altitude < 2000 m
Input data
Description of the input Current input
Number of inputs 1
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 1
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 flexi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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