INDUSTRIAL COMPONENT DATA

MINI MCR-2-RPS-I-I-OLP 2906446 PHOENIX CONTACT Loop-powered isolators

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-2-RPS-I-I-OLP



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-RPS-I-I-OLP
Catalog number	2906446
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-99F17E8347
Generated	2026-11-18

Product Overview

Loop-powered isolators
1-channel loop-fed 2-way power separator with plug-in connection technology for galvanic separation of analog signals.
Input signal = output signal: 0(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 2906446
Packing unit 1 pc
Note Made to Order (non-returnable)
GTIN 4055626077925
Weight per Piece (excluding packing) 109.000 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
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
Voltage dissipation 5 V
Transmitter supply voltage UA- 5 V
Output data
Output name Current output
Number of outputs 1
Configurable/programmable no
Voltage output signal 5 V ... 30 V
Current output signal 0 mA ... 20 mA
4 mA ... 20 mA
Max. output voltage 30 V
Transmission Behavior 1:1 to input signal
Load/output load current output 600 ?
Power supply
Nominal supply voltage no separate supply voltage necessary
Power consumption 600 mW (25 mA)
Connection data
Connection method Screw connection
Single conductor/terminal point, solid, with ferrule, min. 0.2 mm²
Single conductor/terminal point, solid, with ferrule, max. 1.5 mm²
Single conductor/terminal point, solid, without ferrule, min. 0.2 mm²
Single conductor/terminal point, solid, without ferrule, max. 2.5 mm²
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

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.