

INDUSTRIAL COMPONENT DATA

MINI MCR-SL-1CP-I-I 2864419 PHOENIX CONTACT

Loop-powered isolators

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-SL-1CP-I-I



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-SL-1CP-I-I
Catalog number	2864419
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-3B2561E5C0
Generated	2026-07-29

Product Overview

Loop-powered isolators

Passive MCR separator, single-channel, for galvanic separation of current signals without supply voltage, with screw connection

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 2864419

Packing unit 1 pc

Catalog page Page 101 (C-7-2015)

GTIN 4017918974848

Weight per Piece (excluding packing) 59.000 g

Custom tariff number 85437090

Country of origin DE (Germany)

Dimensions

Width 6.2 mm

Height 93.1 mm

Depth 102.5 mm

Ambient conditions

Ambient temperature (operation) -20 °C ... 65 °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

max. input voltage 18 V

Max. input current 40 mA

Response current approx. 190 µA

Input voltage limitation < 2 V (20 mA)

Voltage dissipation 1.9 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)

Ripple < 10 mVrms(at 600 ?)

Transmission Behavior 1:1 to input signal

Power supply

Supply voltage range no separate supply voltage necessary

Power consumption 34 mW

Connection data

Connection method Screw connection

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 2.5 mm²

Conductor cross section AWG min. 26

Conductor cross section AWG max. 12

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 2.5 mm²

Stripping length 12 mm

Screw thread M3

General

No. of channels 1

Maximum transmission error <= 0.1 % (of final value)

Maximum...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-SL-1CP-I-I 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.