

INDUSTRIAL COMPONENT DATA

MINI MCR-SL-I-U-0 2813541 PHOENIX CONTACT Signal conditioner

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-SL-I-U-0



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-SL-I-U-0
Catalog number	2813541
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-D679E1A858
Generated	2026-07-31

Product Overview

Signal conditioner

3-way MCR separation amplifier, for galvanic separation of analog signals, with screw connection, input signal: 0 mA ... 20 mA, output signal: 0 V ... 10 V

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 2813541

Packing unit 1 pc

Catalog page Page 97 (C-7-2015)

GTIN 4046356100601

Weight per Piece (excluding packing) 64.600 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 93.1 mm

Depth 102.5 mm

Ambient conditions

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

Ambient temperature (storage/transport) -40 °C ... 85 °C

Maximum altitude ≤ 2000 m

Input data

Number of inputs 1

Configurable/programmable no

Current input signal 0 mA ... 20 mA

Max. input current 50 mA

Input resistance current input approx. 50 Ω

Output data

Number of outputs 1

Configurable/programmable no

Voltage output signal 0 V ... 10 V

Max. output voltage 12.5 V

Short-circuit current approx. 2 mA

Load/output load voltage output ≥ 10 kV

Ripple < 20 mVPP(at 10 kV)

Power supply

Nominal supply voltage 24 V DC

Supply voltage range 19.2 V DC ... 30 V DC (The DIN rail bus connector (ME 6,2 TBUS-2 1,5/5-ST-3,81 GN, Order No. 2869728) can be used to bridge the supply voltage. It can be snapped onto a 35 mm DIN rail according to EN 60715))

Max. current consumption < 9 mA

Power consumption < 200 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

Co...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-SL-I-U-0 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.