

INDUSTRIAL COMPONENT DATA

MINI MCR-SL-U-I-4 2813525 PHOENIX CONTACT Signal conditioner

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-SL-U-I-4



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-SL-U-I-4
Catalog number	2813525
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-9A690C6950
Generated	2026-08-03

Product Overview

Signal conditioner

MCR 3-way separation amplifier, for galvanic separation of analog signals, with screw connection, input signal: 0 V ... 10 V, output signal: 4 mA ... 20 mA

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 2813525

Packing unit 1 pc

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GTIN 4046356100618

Weight per Piece (excluding packing) 71.100 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

Voltage input signal 0 V ... 10 V

max. input voltage 30 V

Input resistance of voltage input approx. 100 kΩ

Output data

Number of outputs 1

Configurable/programmable no

Current output signal 4 mA ... 20 mA

Max. output current 28 mA

Load/output load current output ≤ 500 mA

Ripple < 20 mVPP(at 500 Hz)

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 < 20 mA

Power consumption < 450 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....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-SL-U-I-4 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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