

**INDUSTRIAL COMPONENT DATA**

# **MINI MCR-SL-U-U 2864684 PHOENIX CONTACT MCR 3-way isolation amplifier, for galvanic isolation of analog sign..**

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



|                 |                     |
|-----------------|---------------------|
| Manufacturer    | PHOENIX CONTACT     |
| MPN / Reference | MINI MCR-SL-U-U     |
| Catalog number  | 2864684             |
| Category        | Isolation amplifier |
| Minimum order   | 1 Pcs               |
| Document ID     | EO-A0B15D5DC2       |
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## **Product Overview**

MCR 3-way isolation amplifier, for galvanic isolation of analog signals, with screw connection, input signal: 0 ... 10 V/±10 V, output signal: 0 ... 10 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 &gt; INTERFACE Components (IF)

## **Additional Product Information**

**Key Commercial Data**

Orderkey 2864684

Packing unit 1 pc

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GTIN 4017918956387

Weight per Piece (excluding packing) 70.700 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

**Input data**

Number of inputs 1

Configurable/programmable no

Voltage input signal 0 V ... 10 V

-10 V ... 10 V

max. input voltage 30 V

Input resistance of voltage input approx. 100 k $\Omega$ **Output data**

Number of outputs 1

Configurable/programmable no

Voltage output signal 0 V ... 10 V

-10 V ... 10 V

Max. output voltage 12.5 V

Short-circuit current approx. 2 mA

Load/output load voltage output  $\geq$  10 k $\Omega$ Ripple < 20 mVPP(at 10 k $\Omega$ )**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 &lt; 9 mA

Power consumption &lt; 200 mW (at 24 V DC)

**Connection data**

Connection method Screw connection

Conductor cross section solid min. 0.2 mm<sup>2</sup>Conductor cross section solid max. 2.5 mm<sup>2</sup>

Conductor cross section AWG min. 26

Conductor cross section AWG max. 12

Conductor cross section flexi...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / MINI MCR-SL-U-U with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

**GLOBAL OFFICES**

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