INDUSTRIAL COMPONENT DATA

MINI MCR-SL-U-I-0 2813512 PHOENIX CONTACT MCR 3-way isolating amplifier, for electrical isolation of analog ..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-SL-U-I-0
Catalog number	2813512
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-FBDEF5488D
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Product Overview

MCR 3-way isolating amplifier, for electrical isolation of analog signals, with screw connection, input signal: 0 V ... 10 V, output signal: 0 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

Product description
The 6.2 mm wide standard signal 3-way isolating amplifier MINI MCR-SL-U-I-... is used for electrical isolation, conversion, amplification and filtering of standard signals.
On the input side, 0...10 V are measured, and made available at the module output as a galvanically isolated 0...20 mA, or 4...20 mA signal.
Power (19.2 V DC to 30 V DC) can be supplied through connection terminal blocks on the modules or in conjunction with the DIN rail connector.
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

Degree of protection IP20
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 k?
Output data
Number of outputs 1
Configurable/programmable no
Current output signal 0 mA ... 20 mA
Max. output current 28 mA
Load/output load current output <= 500 ?
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 se...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-SL-U-I-0 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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