INDUSTRIAL COMPONENT DATA

MINI MCR-2-U-U 2902042 PHOENIX CONTACT Signal conditioner

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-2-U-U



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-U-U
Catalog number	2902042
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-16A711F377
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Product Overview

Signal conditioner
3-way separation amplifier with plug-in connection for galvanic separation of single-pole and bipolar analog signals. Input Signal: 0 ... 10 V/±10 V, output signal: 0 ... 10 V/±10 V, screw connection technology

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 2902042
Packing unit 1 pc
Catalog page Page 74 (C-5-2017)
GTIN 4046356652070
Weight per Piece (excluding packing) 104.200 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 110.5 mm

Depth 120.5 mm
Ambient conditions
Ambient temperature (operation) -40 °C ... 70 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Permissible humidity (operation) 5 % ... 95 % (non-condensing)
Input data
Number of inputs 1
Configurable/programmable no
Voltage input signal 0 V ... 10 V
-10 V ... 10 V
2 V ... 10 V
Input resistance of voltage input approx. 1 M?
Input resistance current input approx. 63 ? (+ 0.7 V for test diode)
Output data
Number of outputs 1
Configurable/programmable no
Voltage output signal 0 V ... 10 V
-10 V ... 10 V
Max. output voltage 11 V
Short-circuit current < 15 mA
Load/output load voltage output >= 10 k?
Ripple < 20 mVPP(at 10 k?)
Transmission Behavior 1:1 to input signal
Power supply
Nominal supply voltage 24 V DC
Supply voltage range 9.6 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))
Typical current consumption 25 mA (24 V DC)
54 mA (12 V DC)
Power consumption <= 200 mW (at 9.6 V DC)
Connection data
Connection method Screw connection
Sin...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-2-U-U with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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