INDUSTRIAL COMPONENT DATA

MINI MCR-2-U-UI-PT 2902021 PHOENIX CONTACT 3-way signal conditioner, with configurable input/output, for ele..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-U-UI-PT
Catalog number	2902021
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-5A96E04334
Generated	2026-11-19

Product Overview

3-way signal conditioner, with configurable input/output, for electrical isolation and conversion of analog signals in the mV and V range, unipolar as well as bipolar. Push-in connection technology, standard configuration.
3-lane separation amplifier with configurable inputs and outputs by galvanic transformation and splitting of analog signals in the area of both unipolar and bipolar mV and V. Push-in connection technology, standard configuration.

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 2902021
Packing unit 1 pc
Catalog page Page 74 (C-5-2019)
GTIN 4046356651998
Weight per Piece (excluding packing) 120.000 g
Custom tariff number 85437090
Country of origin DE (Germany)
Drawings
Ambient conditions
Output data
Connection data

EMC data
Environmental Product Compliance
Dimensions
Input data
Power supply
General
Standards and Regulations
Classifications
Drawings
Block diagram
Pictogram
Back to topDimensions
Width 6.2 mm
Height 109.81 mm
Depth 119.2 mm
Back to topAmbient conditions
Ambient temperature (operation) -40 °C ... 70 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Permissible humidity (operation) 5 % ... 95 % (non-condensing)
Degree of protection IP20 (not assessed by UL)
Noise immunity EN 61000-6-2 When being exposed to interference, there may be minimal deviations.
Back to topInput data
Number of inputs 1
Configurable/programmable Yes
Voltage input signal -50 mV ... 50 mV (via DIP switch)
0 mV ... 50 mV (via DIP switch)
-60 mV ... 60 mV (via DIP switch)
0 mV ... 60 mV (via DIP switch)
-75 mV ... 75 mV (via DIP switch)
0 mV ... 75 mV (via DIP switch)
-80 mV ... 80 mV (via DIP switch)
0 mV ... 80 mV (via DIP switch)
-100 mV ... 100 mV (via DIP switch)
0 mV ... 100 mV (via DIP switch)
-120 mV ... 120 mV (via DIP switch)
0 mV ... 120 mV (via DIP switch)
-150 mV ... 150 mV (via DIP switch)
0 mV ... 150 mV (via DIP switch)
-200 mV ... 200 mV (via DIP switch)
0 mV ... 200 mV (via DIP switch)
-240 mV ... 240 mV (via DIP...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-2-U-UI-PT 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

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