

INDUSTRIAL COMPONENT DATA

MINI MCR-2-U-UI 2902019 PHOENIX CONTACT 3-way signal conditioner, with configurable input/output, for electr..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-U-UI
Catalog number	2902019
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-C47EF56896
Generated	2026-08-02

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. Screw 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. Screw 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 2902019

Packing unit 1 pc

Catalog page Page 74 (C-5-2019)

GTIN 4046356649674

Weight per Piece (excluding packing) 140.000 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 top](#)Dimensions

Width 6.2 mm

Height 109.81 mm

Depth 119.2 mm

[Back to top](#)Ambient 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 top](#)Input 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 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.