

INDUSTRIAL COMPONENT DATA

MACX MCR-UI-UI-SP-NC 2811556 PHOENIX CONTACT Signal conditioner

Brand: PHOENIX CONTACT | Manufacturer Part Number: MACX MCR-UI-UI-SP-NC



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-UI-UI-SP-NC
Catalog number	2811556
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-D85F959190
Generated	2026-07-29

Product Overview

Signal conditioner

Configurable 3-way separation amplifier with safe galvanic separation, 24 V, bridge for pipes and cables. Front DIP switch, over 1600 adjustable signal conversions. Standard configuration (IN 0 ... 10 V / OUT 0 ... 20 mA), spring connection, SIL

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 2811556

Packing unit 1 pc

Catalog page Page 116 (C-5-2017)

GTIN 4046356467001

Weight per Piece (excluding packing) 140.000 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 12.5 mm

Height 99 mm

Depth 114.5 mm

Ambient conditions

Ambient temperature (operation) -20 °C ... 70 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Maximum altitude ≤ 2000 m

Input data

Number of inputs 1

Voltage input signal 0 mV ... 50 mV

0 mV ... 60 mV

0 mV ... 75 mV

0 mV ... 100 mV

0 mV ... 120 mV

0 mV ... 150 mV

0 mV ... 200 mV

0 mV ... 300 mV

0 mV ... 500 mV

0 V ... 1 V

0 V ... 1.5 V

0 V ... 2 V

0 V ... 3 V

0 V ... 5 V

0 V ... 10 V (please indicate if different setting when ordering)

0 V ... 15 V

0 V ... 20 V

0 V ... 30 V

0 V ... 50 V

0 V ... 100 V

-50 mV ... 50 mV

-60 mV ... 60 mV

-75 mV ... 75 mV

-100 mV ... 100 mV

-120 mV ... 120 mV

-150 mV ... 150 mV

-200 mV ... 200 mV

-300 mV ... 300 mV

-500 mV ... 500 mV

-1 V ... 1 V

-1.5 V ... 1.5 V

-2 V ... 2 V

-3 V ... 3 V

-5 V ... 5 V

-10 V ... 10 V

-15 V ... 15 V

-20 V ... 20 V

-30 V ... 30 V

-50 V ... 50 V

-100 V ... 100 V

1 V ... 5 V

2 V ... 10 V

Current input signal 0 mA ... 1 mA (Configurable via DIP switches)

0 mA

0 mA ... 2 mA

0 mA ... 3 mA

0 mA ... 5 mA

0 mA ... 10 mA

0 mA ... 15 mA

0 mA ... 20 mA

0 mA ... 30 mA

0 mA ... 50 mA

0 mA ... 100 mA

-1 mA ... 1 mA

-1.5 mA ... 1.5 mA

~...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MACX MCR-UI-UI-SP-NC 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.