

INDUSTRIAL COMPONENT DATA

MCR-SL-CUC-100-U 2308108 PHOENIX CONTACT Universal current transducer

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCR-SL-CUC-100-U



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCR-SL-CUC-100-U
Catalog number	2308108
Category	Current value transformer
Minimum order	1 Pcs
Document ID	EO-D649AC6985
Generated	2026-07-28

Product Overview

Universal current transducer

Universal current converter for the measurement of direct, alternating and distorted currents, 0 input current ... 100 A, 0 output ... 10 V

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 2308108

Packing unit 1 pc

Note Made to Order (non-returnable)

Catalog page Page 240 (C-5-2017)

GTIN 4046356569736

Weight per Piece (excluding packing) 260.000 g

Custom tariff number 90303330

Country of origin CN (China)

Dimensions

Width 90 mm

Height 33.8 mm

Depth 85 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 65 °C

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

Input data

Input current range 0 A ... 100 A

Overload capacity 6 x IIN

Frequency measuring range 20 Hz ... 6000 Hz (0 Hz)

Connection method Cable design: 32 mm diameter

Output data

Output name Voltage output

Voltage output signal 0 V ... 10 V

Load/output load voltage output ≥ 10 k?**Switching output**

Output name No switching output

Power supply

Nominal supply voltage 24 V DC

Supply voltage range 20 V DC ... 30 V DC

Max. current consumption 30 mA

Connection dataConductor cross section solid min. 0.25 mm²Conductor cross section solid max. 2.5 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 12

Conductor cross section flexible min. 0.2 mm²Conductor cross section flexible max. 2.5 mm²

Stripping length 10 mm

General**Maximum transmission error**

Temperature coefficient, typical 0.02 %/K (0 ... 60 °C)

0.04 %/K (-40 °C ... 65 °C)

Linearity error

Step response (10-90%) 150 ms

Overvoltage category III

Degree of pollution 2

Rated insulation voltage 300 V AC

Color green

Housing material Frianyl B63 V0 GV30

Conformance CE-compliant

UL, USA/Canada UL...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCR-SL-CUC-100-U 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.