INDUSTRIAL COMPONENT DATA

MCR-SL-CUC-300-U 2308302 PHOENIX CONTACT Universal current transducer

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCR-SL-CUC-300-U



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCR-SL-CUC-300-U
Catalog number	2308302
Category	Current value transformer
Minimum order	1 Pcs
Document ID	EO-C84778D410
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Product Overview

Universal current transducer
Universal current converter for the measurement of direct, alternating and distorted currents, 0 input current ... 300 A, output 0 ... 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 2308302
Packing unit 1 pc
Catalog page Page 240 (C-5-2017)
GTIN 4046356569750
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 ... 300 A
Overload capacity 3.33 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 data
Conductor cross section solid min. 0.25 mm²
Conductor 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 mm²
Conductor 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/C-UL listed UL 508
Standards and...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCR-SL-CUC-300-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

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