

INDUSTRIAL COMPONENT DATA

MACX MCR-SL-CAC-12-I-UP 2810638 PHOENIX CONTACT

Current transducers

Brand: PHOENIX CONTACT | Manufacturer Part Number: MACX MCR-SL-CAC-12-I-UP



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-SL-CAC-12-I-UP
Catalog number	2810638
Category	Current value transformer
Minimum order	1 Pcs
Document ID	EO-37A2440789
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Product Overview

Current transducers

Current converter for 5 A and 12 A AC, output signal 0...20 mA or 4...20 mA, configurable via DIP switch with LED service status signalling

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)
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Additional Product Information

Key Commercial Data

Orderkey 2810638

Packing unit 1 pc

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GTIN 4046356510356

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 22.5 mm

Height 104 mm

Depth 114.5 mm

Ambient conditions

Ambient temperature (operation) -20 °C ... 65 °C (-4 °F...149 °F)

Ambient temperature (storage/transport) -40 °C ... 85 °C (-40 °F ... 185 °F)

Input data

Configurable/programmable Via DIP switches

Input current range 0 A ... 12 A

Setting range for min. input current 0 A AC ... 5 A (configurable)

Setting range for max. input current 0 A AC ... 12 A (configurable)

Overload capacity 1 x IN(continuous)

Surge strength 8 x IN(1 s)

Nominal frequency fN 50 Hz

Frequency measuring range 45 Hz ... 65 Hz

Connection method Screw terminal block

Output data

Output name Current output

Configurable/programmable Via DIP switches

Current output signal 0 mA ... 20 mA (configurable)

4 mA ... 20 mA (configurable)

Max. output current 25 mA

Load/output load current output < 500 ? (20 mA)

Ripple < 10 mVPP(for 500 ? at 20 mA)

Status display LED red (error), LED green (ready)

Switching output

Output name No switching output

Power supply

Supply voltage range 19.2 V AC/DC ... 253 V AC/DC

Max. current consumption < 33 mA (at 24 V DC)

< 15 mA (for 230 V AC)

Power consumption < 0.8 W (at 24 V DC)

< 3.5 VA (for 230 V AC)

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MACX MCR-SL-CAC-12-I-UP 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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