INDUSTRIAL COMPONENT DATA

MACX MCR-SL-CAC- 5-I 2810612 PHOENIX CONTACT Current transducers

Brand: PHOENIX CONTACT | Manufacturer Part Number: MACX MCR-SL-CAC-5-I



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-SL-CAC-5-I
Catalog number	2810612
Category	Current value transformer
Minimum order	1 Pcs
Document ID	EO-7AB1506763
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Product Overview

Current transducers
Current converter for 1 A and 5 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)

Additional Product Information

Key Commercial Data
Orderkey 2810612
Packing unit 1 pc
Catalog page Page 246 (C-5-2017)
GTIN 4046356153775
Weight per Piece (excluding packing) 172.500 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)
Maximum altitude 2000 m
Input data
Configurable/programmable Via DIP switches
Input current range 0 A ... 5 A
Setting range for min. input current 0 A AC ... 1 A (configurable)
Setting range for max. input current 0 A AC ... 5 A (configurable)
Overload capacity 2 x IN (continuous)
Surge strength 20 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
Nominal supply voltage 24 V DC (-20 % ... +25 %)
Supply voltage range 19.2 V DC ... 30 V DC
Max. current consumption < 32 mA (at UB=24 V DC, IOUT=20 mA)
Power c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MACX MCR-SL-CAC-5-I 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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