INDUSTRIAL COMPONENT DATA

MCR-S10-50-UI-DCI-NC 2814728 PHOENIX CONTACT Current transducers

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCR-S10-50-UI-DCI-NC



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCR-S10-50-UI-DCI-NC
Catalog number	2814728
Category	Current value transformer
Minimum order	1 Pcs
Document ID	EO-2BFBD472D3
Generated	2026-11-18

Product Overview

Current transducers
Programmable and configurable MCR current converter for measuring direct, alternating and distorted currents, input current 0...10 to 0...50 A, not configured

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 2814728
Packing unit 1 pc
Catalog page Page 243 (C-5-2017)
GTIN 4017918169305
Weight per Piece (excluding packing) 119.480 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 99 mm

Depth 114.5 mm
Ambient conditions
Ambient temperature (operation) -20 °C ... 60 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Maximum altitude < 2000 m
Input data
Input Current measuring input
Configurable/programmable Yes, unconfigured
Input current range 0 A ... 55 A (AC/DC)
Operate threshold 0.8 % (of measuring range nominal value 50 A)
Setting range for min. input current 0 A ... 9.5 A
Setting range for max. input current 0 A ... 55 A
Impulse form AC, DC or distorted currents
Overload capacity Depending on through connected conductor
Surge strength Depending on through connected conductor
Frequency measuring range 15 Hz ... 400 Hz
Connection method Through connection, diameter 10.5 mm
Output data
Output name Voltage output / current output
Configurable/programmable Yes, unconfigured
Voltage output signal 0 V ... 10 V
5 V ... 1 V
5 V ... -5 V
2 V ... 10 V
-10 V ... 10 V
0 V ... 5 V
1 V ... 5 V
-5 V ... 5 V
10 V ... 0 V
10 V ... 2 V
10 V ... -10 V
5 V ... 0 V
Current output signal 0 mA ... 20 mA
4 mA ... 20 mA
20 mA ... 0 mA
20 mA ... 4 mA
Load/output load voltage output > 10 k?
Load/output load current output...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCR-S10-50-UI-DCI-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.