

INDUSTRIAL COMPONENT DATA

MCR-SL-S-100-U 2813457 PHOENIX CONTACT Current transducers

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCR-SL-S-100-U
Catalog number	2813457
Category	Current value transformer
Minimum order	1 Pcs
Document ID	EO-FCD979AF81
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Product Overview

Current transducers

MCR current converter, for measuring sinusoidal and non-sinusoidal alternating currents, input current 0...100 A, output voltage 0... (5) 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)
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Additional Product Information

Key Commercial Data

Orderkey 2813457

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356043632

Weight per Piece (excluding packing) 137.100 g

Custom tariff number 85437090

Country of origin JP (Japan)

Dimensions

Primary round conductor (diameter) 18.5 mm

Width 55 mm

Height 85 mm

Depth 70.5 mm

Ambient conditions

Ambient temperature (operation) -20 °C ... 60 °C

Input data

Input Current measuring input

Input current range 0 A ... 100 A (0 ... 50/75/100 A)

Operate threshold 1 % (of final value)

Setting range for min. input current 0 A ... 50 A

Setting range for max. input current 0 A ... 100 A

Overload capacity Depending on laid conductor

Surge strength Depending on through connected conductor

Frequency measuring range 30 Hz ... 6000 Hz

Output data

Output name Voltage output

Voltage output signal 0 V ... 10 V

0 V ... 5 V

Max. output voltage (0 V ... 10 V) 14 V, (0 V ... 5 V) 7 V

Load/output load voltage output ≥ 10 k Ω

Switching output

Output name No switching output

Power supply

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

Max. current consumption < 30 mA

Connection data

Connection method Pluggable screw connection

Conductor cross section solid min. 0.2 mm²

Conductor cross section solid max. 2.5 mm²

Conductor cross section AWG min. 24

Conductor cross section AWG max. 14

Conductor cross section flexible min. 0.2 mm²

Conductor cross section flexible max. 2.5 mm²

Stripping length 8 mm

Screw thread M3

General

Maximum transmission error < 1...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCR-SL-S-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

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