INDUSTRIAL COMPONENT DATA

MCR-SL-S-200-U 2813460 PHOENIX CONTACT Current transducers

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCR-SL-S-200-U



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCR-SL-S-200-U
Catalog number	2813460
Category	Current value transformer
Minimum order	1 Pcs
Document ID	EO-139895DD9F
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Product Overview

Current transducers
MCR current converter, for measuring sinusoidal and non-sinusoidal alternating currents, input current 0...200 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)

Additional Product Information

Technical dataProduct propertiesProduct type Current transducer
Data management status
Article revision 03
Insulation characteristics
Overvoltage category III
Pollution degree 2
Electrical propertiesMaximum power dissipation for nominal condition 1 W
Test voltage input/output 4.13 kV AC (50 Hz, 60 s)
Step response (10-90%) < 340 ms
Maximum temperature coefficient < 0.035 %/K
Maximum transmission error < 1 % (of final value)
Rated insulation voltage 300 V AC (to earth)
Supply

Nominal supply voltage 24 V DC
Supply voltage range 20 V DC ... 30 V DC
Max. current consumption < 30 mA
Input dataSignal
Configurable/programmable Yes
Current input signal 0 A ... 200 A
Measurement
Input current range 0 A AC ... 100 A AC
0 A AC ... 150 A AC
0 A AC ... 200 A AC
Setting range for min. input current 0 A AC ... 100 A AC
Setting range for max. input current 0 A AC ... 200 A AC
Overload capacity Depending on laid conductor
Surge strength Depending on through connected conductor
Frequency measuring range 30 Hz ... 6000 Hz
Curve type Sinusoidal and non-sinusoidal
Operate threshold 1 % (of final value)
Output dataSignal: Voltage
Voltage output signal 0 V ... 5 V
0 V ... 10 V
Max. voltage output signal (0 V ... 10 V) 14 V, (0 V ... 5 V) 7 V
Load/output load voltage output >= 10 k?
Connection dataConnection method Screw connection
Stripping length 8 mm
Screw thread M3
Conductor cross section rigid 0.2 mm² ... 2.5 mm²
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Conductor cross section AWG 2...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCR-SL-S-200-U with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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