INDUSTRIAL COMPONENT DATA

MCR-SL-CUC-500-I 2308085 PHOENIX CONTACT Universal current transducer

Brand: PHOENIX CONTACT | Manufacturer Part Number: MCR-SL-CUC-500-I



Manufacturer	PHOENIX CONTACT
MPN / Reference	MCR-SL-CUC-500-I
Catalog number	2308085
Category	Current value transformer
Minimum order	1 Pcs
Document ID	EO-9DF550208A
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Product Overview

Universal current transducer
Universal current converter for the measurement of direct, alternating and distorted currents, 0 input current ... 500 A, output 4 ... 20 mA

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 2308085
Packing unit 1 pc
Catalog page Page 241 (C-5-2017)
GTIN 4046356566971
Weight per Piece (excluding packing) 286.500 g
Custom tariff number 90303330
Country of origin CN (China)
Dimensions
Primary round conductor (diameter) 32 mm
Width 90 mm
Height 33.8 mm
Depth 85 mm

Ambient conditions
Ambient temperature (operation) -40 °C ... 65 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Input data
Number of inputs 1
Input current range 0 A ... 500 A
Overload capacity 3.6 x IIN
Frequency measuring range 20 Hz ... 6000 Hz (0 Hz)
Connection method Cable design: 32 mm diameter
Rated frequency: Standard converter 20 Hz ... 6000 Hz
Primary rated current Ipn 500 A
Output data
Output name Current output
Current output signal 4 mA ... 20 mA
Max. output current < 25 mA
Load/output load current output < 300 ?
Connection method Screw connection
Switching output
Output name No switching output
Power supply
Nominal supply voltage 24 V DC
Supply voltage range 20 V DC ... 30 V DC
Max. current consumption (30 + IOUT) mA
Power consumption 1.65 W
Connection data
Conductor cross section solid min. 0.25 mm²
Conductor cross section solid max. 2.5 mm²
Conductor cross section AWG min. 24
Conductor cross section AWG max. 12
Conductor cross section flexible min. 0.2 mm²
Conductor cross section flexible max. 2.5 mm²
Stripping length 10 mm
General
Accuracy class 1
Maximum transmission error
Temperature coefficient, typical 0.02 %/K (0 ... 60 °C)
0.04 %/K (-40 °C ....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MCR-SL-CUC-500-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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