

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-A14BD1561E
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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

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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 I_{pn} 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 + IO_{UT}) mA

Power consumption 1.65 W

Connection dataConductor cross section solid min. 0.25 mm²Conductor 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 mm²Conductor 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

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