INDUSTRIAL COMPONENT DATA

MACX MCR-SL-RPSSI-I 2865955 PHOENIX CONTACT Power/input isolating amplifier

Brand: PHOENIX CONTACT | Manufacturer Part Number: MACX MCR-SL-RPSSI-I



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-SL-RPSSI-I
Catalog number	2865955
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-2345FCE4F8
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Product Overview

Power/input isolating amplifier
Input and power signal conditioner, with HART transparency. It transmits 0/4-20 mA powered or active signals at a load (active or passive). 3-way galvanic separation, SIL 2 according to IEC 61508.

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 2865955
Packing unit 1 pc
Catalog page Page 120 (C-5-2017)
GTIN 4046356448314
Weight per Piece (excluding packing) 126.000 g
Custom tariff number 85437090
Country of origin DE (Germany)
Note
Utilization restriction 1
Dimensions
Width 12.5 mm
Height 112.5 mm

Depth 114.5 mm
Ambient conditions
Ambient temperature (operation) -20 °C ... 60 °C (Any mounting position)
Ambient temperature (storage/transport) -40 °C ... 80 °C
Maximum altitude <= 2000 m
Permissible humidity (operation) 10 % ... 95 % (non-condensing)
Noise immunity EN 61000-6-2 When being exposed to interference, there may be minimal deviations.
Input data
Signal input Active current input
Current input signal 4 mA ... 20 mA
Transmitter supply voltage > 21.5 V (20 mA)
> 20.8 V (24 mA)
Underload/overload signal range 0 mA ... 24 mA (Extended transmission range for diagnostics)
Signal input Passive current input
Current input signal 0 mA ... 20 mA
4 mA ... 20 mA
Voltage drop < 3.5 V (in input isolating amplifier operation)
Underload/overload signal range 0 mA ... 24 mA (Extended transmission range for diagnostics)
Output data
Signal output Current output (active and passive)
Current output signal 4 mA ... 20 mA (active)
4 mA ... 20 mA (14 ... 26 V ext. source voltage)
Transmission Behavior 1:1 to input signal
Load/output load current output < 1000 ? (20 mA)
< 825 ? (24 mA)
Output ripple < 20 mVrms
Output behavior in the event of an error 0 mA (Cable break in the input)
>= 22.5 mA (Cable short-...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MACX MCR-SL-RPSSI-I with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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