INDUSTRIAL COMPONENT DATA

MACX MCR-SL-RPSSI-I-UP 2865968 PHOENIX CONTACT Repeater power supply

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-SL-RPSSI-I-UP
Catalog number	2865968
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-1DD4462AF8
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Product Overview

Repeater power supply
Power signal conditioner for powering 2 and 3 conductor transmitters with HART transparency and wide power range, SIL 2 (1oo1)/SIL 3 (1oo2), screw connection

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 2865968
Packing unit 1 pc
Catalog page Page 122 (C-5-2017)
GTIN 4046356448321
Weight per Piece (excluding packing) 150.500 g
Custom tariff number 85437090
Country of origin DE (Germany)
Note
Utilization restriction 1
Dimensions
Width 17.5 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 ... 85 °C
Maximum altitude <= 2000 m
Permissible humidity (operation) 10 % ... 95 % (non-condensing)
Noise immunity EN 61000-6-2
Input data
Signal input Repeater power supply operation
Current input signal 4 mA ... 20 mA
Transmitter supply voltage > 16 V (20 mA)
> 15.3 V (22.5 mA)
Signal input Signal conditioner operation
Current input signal 0 mA ... 20 mA
4 mA ... 20 mA
Voltage drop < 3.5 V (in input isolating amplifier operation)
Output data
Signal output Repeater power supply operation
Voltage output signal 1 V ... 5 V (internal resistance, 250 ?, 0.1%)
Configurable via DIP switches
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 < 600 ? (20 mA)
< 525 ? (22.5 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-circuit in the input)
Signal output Signal conditioner operation
Voltage output signal 0 V ... 5 V (internal resistance, 250 ?, 0.1%)
1 V .....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MACX MCR-SL-RPSSI-I-UP 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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