INDUSTRIAL COMPONENT DATA

MACX MCR-SL-RPSSI-I-UP-SP 2924210 PHOENIX CONTACT Repeater power supply

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-SL-RPSSI-I-UP-SP
Catalog number	2924210
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-8C65380A01
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Product Overview

Repeater power supply
Power signal conditioner for power supply of 2 and 3 conductor transmitters with HART transparency and wide power range, SIL 2 (1oo1)/SIL 3 (1oo2), push-in connection
Repeater power supply for supplying 2- and 4-conductor transmitters with HART transparency and wide-range power supply, SIL 2 (1oo1)/SIL 3 (1oo2), Push-in 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

Technical dataProduct propertiesProduct type Repeater power supply
Product family MACX Analog
Application Analog IN
No. of channels 1
Type Signal conditioners with SIL functional safety
Configuration DIP switches
Data management status
Article revision 10
Electrical propertiesElectrical isolation 3-way isolation
Electrical isolation between input and output yes
Signal transmission behavior In = Out

Step response (10-90%) < 600 µs (for 4 mA ... 20 mA step)
Maximum temperature coefficient < 0.01 %/K
Maximum transmission error < 0.1 % (of final value)
Transmission error, typical < 0.05 % (of final value)
Electrical isolation
Test voltage 2.5 kV AC (50 Hz, 60 s)
Overvoltage category II
Pollution degree 2
Electrical isolation Input/output/power supply IEC/EN 61010-1
Standards/regulations IEC/EN 61010-1
Rated insulation voltage 300 Vrms
Insulation Safe isolation
Supply
Designation Repeater power supply operation
Nominal supply voltage range 24 V AC/DC ... 230 V AC/DC -20 % ... +10 % (50/60 Hz)
Supply voltage range 19.2 V AC/DC ... 253 V AC/DC (50/60 Hz)
Max. current consumption < 75 mA (24 V DC / 20 mA)
Power dissipation < 1.6 W (24 V DC / 20 mA)
Power consumption < 1.9 W
Supply
Designation Signal conditioner operation
Nominal supply voltage range 24 V AC/DC ... 230 V AC/DC -20 % ... +10 % (50/60 Hz)
Supply voltage range 19.2 V AC/DC ... 253 V AC/DC (50/60 Hz)
Max. current consumption < 45 mA (24 V DC / 20 mA)
Power dissipation < 1.1 W (24 V DC / 20 mA)
Power consumption < 1.1 W
I...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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