INDUSTRIAL COMPONENT DATA

MINI MCR-2-RPSS-I-2I 2905628 PHOENIX CONTACT Repeater power supply

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-2-RPSS-I-2I



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-RPSS-I-2I
Catalog number	2905628
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-2DCC89BBFB
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Product Overview

Repeater power supply
4-way power duplicator with plug-in connection technology. HART transparency, 0(4) mA input signal ... 20 mA, 0(4) mA output signals ... 20 mA. The device can be used in both signal operating and power mirroring modes. Screw connection technology.
4-way power supply doubler with plug-in connection technology. HART-transparent, 0(4) mA ... 20 mA input signal, 0(4) mA ... 20 mA output signals. The device can be used in both signal and power supply doubler modes. Screw connection technology.

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 dataNotesUtilization restriction
EMC note EMC: class A product, see manufacturer's declaration in the download area
Product propertiesProduct type Repeater power supply
Product family MINI Analog Pro
No. of channels 2
Type Signal conditioner
Configuration DIP switches
Data management status
Article revision 02

Insulation characteristics: GB Standard
Overvoltage category II
Pollution degree 2
Electrical propertiesElectrical isolation 4-way isolation
Limit frequency (3 dB) > 1 kHz
Signal transmission behavior In = Out
Step response (10-90%) < 400 µs
Maximum temperature coefficient 0.0075 %/K
Maximum transmission error 0.05 % (of final value)
Electrical isolation Input/output/power supply
Rated insulation voltage 300 Vrms
Test voltage 3 kV AC (50 Hz, 60 s)
Insulation Reinforced insulation according to IEC/EN 61010-1
Supply
Nominal supply voltage 24 V DC
Supply voltage range 9.6 V DC ... 30 V DC (The DIN rail connector (ME 6,2 TBUS-2 1,5/5-ST-3,81 GN, item no. 2869728) can be used to bridge the supply voltage. It can be snapped onto a 35 mm DIN rail in accordance with EN 60715)
Typical current consumption 40 mA (For 24 V DC and in signal duplicator mode)
65 mA (For 24 V DC and in power supply duplicator mode)
75 mA (For 12 V DC and in signal duplicator mode)
130 mA (For 12 V DC and in power supply duplicator mode)
Power consumption 1.6 W (at IOUT= 20 mA, 500 ? load)
Input dataSignal: Current
Description of the input Sensor circuit
Number of inputs 1
Current input signa...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-2-RPSS-I-2I with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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