INDUSTRIAL COMPONENT DATA

MACX MCR-EX-AP-RTD-RTD 1291894 PHOENIX CONTACT Ex i-resistance insulator transformer is used for intrinsical..

Brand: PHOENIX CONTACT | Manufacturer Part Number: MACX MCR-EX-AP-RTD-RTD



Manufacturer	PHOENIX CONTACT
MPN / Reference	MACX MCR-EX-AP-RTD-RTD
Catalog number	1291894
Category	Temperature transformer
Minimum order	1 Pcs
Document ID	EO-7EE6BE647C
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Product Overview

Ex i-resistance insulator transformer is used for intrinsically safe service of Pt 100 heat resistors in the technology of 2, 3 or 4 conductors and resistance transmitters. The measured values at the Ex i input are transmitted 1:1 to the non-Ex i output. Standard configuration, 3-way separation, Screw connection
Ex i, Resistance Isolating Transformer is used for the intrinsically safe service of Pt 100 resistance thermometers in the technology of 2, 3 or 4 resistance conductors and transmitters. The measured values at the input Ex i are transmitted 1:1 to the output at non-Ex i. 3-Way Separation, Screw Connection
Ex i-Resistance isolator for intrinsically safe operation of Pt 100 resistance thermometers in 2, 3, or 4-conductor technology and resistance-type sensors. The values measured at the Ex i input are transmitted 1:1 to the non Ex i output. Standard configuration, 3-way isolation, 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

Technical dataNotesGeneral Accuracy, typically specified as a percentage of the basic measuring range at UN, 23°C
General Installation conditions influence the ambient temperature.
Please refer to the “Control cabinet installation instructions”.
General Sensor set via DIP switches
General 2-conductor comparison set via DIP switch ADJ
Product propertiesProduct type Temperature transmitter
Product family MACX Analog

No. of channels 1
Electrical propertiesNo. of channels 1
Electrical isolation 3-way isolation
Signal transmission behavior In = Out
Temperature coefficient, typical <= 0.1 % (10 K)
Reverse polarity protection yes
Electrical isolation Input/output IEC/EN 60079-11
Standards/regulations IEC/EN 60079-11
Rated insulation voltage 375 VPP
Electrical isolation Input/power supply IEC/EN 60079-11
Standards/regulations IEC/EN 60079-11
Rated insulation voltage 375 VPP
Electrical isolation Input/error message output IEC/EN 60079-11
Standards/regulations IEC/EN 60079-11
Rated insulation voltage 375 VPP
Electrical isolation Input/configuration interface IEC/EN 60079-11
Standards/regulations IEC/EN 60079-11
Rated insulation voltage 375 VPP
Electrical isolation Output 1/output 2
Test voltage 350 V (50 Hz, 60 s)
Electrical isolation Output/supply
Test voltage 350 V (50 Hz, 60 s)
Electrical isolation Output/configuration interface
Test voltage 350 V (50 Hz, 60 s)
Electrical isolation Output/supply/error message output
Test voltage 350 V (50 Hz, 60 s)
Supply
Nominal supply voltage 24 V...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MACX MCR-EX-AP-RTD-RTD with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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