

INDUSTRIAL COMPONENT DATA

MINI MCR-2-T-REL-PT 2905633 PHOENIX CONTACT Limit value switches

Brand: PHOENIX CONTACT | Manufacturer Part Number: MINI MCR-2-T-REL-PT



Manufacturer	PHOENIX CONTACT
MPN / Reference	MINI MCR-2-T-REL-PT
Catalog number	2905633
Category	Isolation amplifier
Minimum order	1 Pcs
Document ID	EO-91CA87D503
Generated	2026-09-21

Product Overview

Limit value switches

Universal setting temperature limit value switch with shut-off relay output for connection of 2, 3 and 4 conductor heat resistances and thermocouples. Configurable via DIP switches or software. Push-in 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

Key Commercial Data

Orderkey 2905633

Packing unit 1 pc

Catalog page Page 92 (C-5-2017)

GTIN 4046356999847

Weight per Piece (excluding packing) 99.990 g

Custom tariff number 85437090

Country of origin DE (Germany)

Note

Utilization restriction EMC: class A product, see manufacturer's declaration in the download area

Dimensions

Width 6.2 mm

Height 110.5 mm

Depth 120.5 mm
Ambient conditions
Ambient temperature (operation) -40 °C ... 70 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Input data
Available input sources Resistance thermometers
Sensor types (RTD) that can be used Pt, Ni, Cu sensors
Connection technology 2, 3, 4-wire
Sensor input current approx. 200 µA
Max. permissible overall conductor resistance $\leq 25 \text{ } \Omega$ (Per line, RTD in 3- or 4-wire technology)
 $\leq 50 \text{ } \Omega$ (Per line, RTD in 2-wire technology)
Linear resistance measuring range $0 \text{ } \Omega$... $4000 \text{ } \Omega$
Linear mV signal range -500 mV ... 500 mV
Available input sources Thermocouples
Sensor types that can be used (TC) B, E, J, K, N, R, S, T, L, U, A-1, A-2, A-3, M, L
Switching output
Output name Relay output
Contact type 1 N/O contact
Contact material AgSnO₂, hard gold-plated
Maximum switching voltage 250 V AC
240 V AC (UL)
Limiting continuous current 6 A
Min. switching current 100 mA (12 V DC)
Mechanical service life 2×10^7 cycles
Setting range of the response delay 0 s ... 10 s (can be set freely via software)
Internal hysteresis can be set freely via software
Max. switching current 6 A (for 250 V AC)
Power supply
Nominal...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / MINI MCR-2-T-REL-PT 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.