

**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-599405ED33       |
| Generated       | 2026-08-04          |

## 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 &gt; 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 AgSnO<sub>2</sub>, 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  $2 \times 10^7$  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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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