

**INDUSTRIAL COMPONENT DATA**

# REL-MR-120AC/21-21AU 2961477 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-MR-120AC/21-21AU



|                 |                      |
|-----------------|----------------------|
| Manufacturer    | PHOENIX CONTACT      |
| MPN / Reference | REL-MR-120AC/21-21AU |
| Catalog number  | 2961477              |
| Category        | Switching relay      |
| Minimum order   | 10 Pcs               |
| Document ID     | EO-9B9FCE954B        |
| Generated       | 2026-08-05           |

## Product Overview

Single relay

Plug-in miniature power relay, with multi-layer gold contact, 2 switched contacts, input voltage 120 V AC

**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 > Industrial Relays**

## Additional Product Information

Key Commercial Data

Orderkey 2961477

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

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GTIN 4017918937881

Weight per Piece (excluding packing) 14.740 g

Custom tariff number 85364900

Country of origin AT (Austria)

Dimensions

Width 12.7 mm

Height 29 mm

Depth 15.7 mm

**Ambient conditions**

Ambient temperature (operation) -40 °C ... 85 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

**Coil side**

Nominal input voltage UN 120 V AC

Mains frequency 50/60 Hz

Typical input current at UN 7 mA (at 50 Hz)

5 mA (At 60 Hz)

Typical response time 3 ms ... 12 ms (depending on phase relation)

Typical release time range 2 ms ... 9 ms (depending on phase relation)

Coil resistance 8100  $\pm$  15 % (at 20 °C)

Power dissipation for nominal condition 0.84 W

**Contact side**

Contact type 2 PDT

Type of switch contact Single contact

Contact material AgNi, hard gold-plated

Maximum switching voltage 30 V AC

36 V DC

Minimum switching voltage 100 mV (at 10 mA)

Min. switching current 1 mA (at 24 V)

Maximum inrush current 50 mA

Limiting continuous current 50 mA

Interrupting rating (ohmic load) max. 1.2 W (at 24 V DC)

Contact side (with destroyed gold layer)

Contact material AgNi

Note the following values are applicable if a gold layer is destroyed

Maximum switching voltage 250 V AC/DC

Minimum switching voltage 5 V (at 10 mA)

Limiting continuous current 8 A

Maximum inrush current 50 A (20 ms)

Min. switching current 10 mA (At 5 V)

Interrupting rat...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / REL-MR-120AC/21-21AU 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**

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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