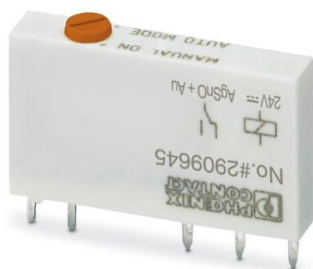


## INDUSTRIAL COMPONENT DATA

# REL-MR- 24DC/21AU/MS 2909645 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-MR-24DC/21AU/MS



|                 |                     |
|-----------------|---------------------|
| Manufacturer    | PHOENIX CONTACT     |
| MPN / Reference | REL-MR-24DC/21AU/MS |
| Catalog number  | 2909645             |
| Category        | Switching relay     |
| Minimum order   | 10 Pcs              |
| Document ID     | EO-84015318B7       |
| Generated       | 2026-08-06          |

## Product Overview

Single relay

Plug-in miniature power relay, with multi-layer gold contact, 1 switched contact, manual operation, input voltage 24 V DC

## 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; Industrial Relays

## Additional Product Information

Key Commercial Data

Orderkey 2909645

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

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GTIN 4055626377803

Weight per Piece (excluding packing) 6.800 g

Custom tariff number 85364190

Country of origin CZ (Czech Republic)

Dimensions

Width 5 mm

Height 28 mm

Depth 16 mm

**Ambient conditions**

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

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

**Coil side**

Nominal input voltage UN 24 V DC

Input voltage range in reference to UN see diagram

Typical input current at UN 7 mA

Typical response time 5 ms

Typical release time 2.5 ms

Coil resistance 3390  $\pm 10\%$  (at 20 °C)

Power dissipation for nominal condition 0.17 W

**Contact side**

Contact type 1 PDT

Type of switch contact Single contact

Contact material AgSnO, 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)

Motor load according to UL 508 1/4 HP, 240 - 277 V AC (N/O contact)

1/6 HP, 240 - 277 V AC (N/C contact)

Contact side (with destroyed gold layer)

Contact material AgSnO

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

Maximum switching voltage 250 V AC

Minimum switching voltage 5 V (at 100 mA)

Limiting continuous current 6 A

Min. switching current 10 mA (at 12 V)

Interrupting rating (ohmic loa...

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / REL-MR-24DC/21AU/MS 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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