INDUSTRIAL COMPONENT DATA

# REL-MR- 24DC/21-21/MS 2987943 PHOENIX CONTACT Single relay

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




| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | REL-MR-24DC/21-21/MS |
| Catalog number | 2987943 |
| Category | Switching relay |
| Minimum order | 10 Pcs |
| Document ID | EO-AF7B3EEA4E |
| Generated | 2026-11-18 |

## Product Overview

Single relay
Plug-in miniature relay, with power contact, 2 switched contacts, check button, mechanical display of switching position, status LED, free-flowing diode, polarity A1+, A2, 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 > Industrial Relays |

## Additional Product Information

Key Commercial Data
Orderkey 2987943
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 306 (C-5-2017)
GTIN 4046356480659
Weight per Piece (excluding packing) 18.640 g
Custom tariff number 85364190
Country of origin CN (China)
Dimensions
Width 12.7 mm
Height 29 mm
Depth 25 mm

Ambient conditions
Ambient temperature (operation) -40 °C ... 70 °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 18 mA
Typical response time 9 ms
Typical release time 6 ms
Power dissipation for nominal condition 0.43 W
Contact side
Contact type 2 PDT
Type of switch contact Single contact
Contact material AgNi
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 12 V (at 10 mA)
Min. switching current 10 mA (at 12 V)
Maximum inrush current 16 A (20 ms)
Limiting continuous current 8 A
Interrupting rating (ohmic load) max. 2000 VA (for 250 V AC)
Switching capacity 1 A (at 24 V, DC13)
1.5 A (at 24 V, AC15)
1.5 A (at 120 V, AC15)
1.5 A (at 240 V, AC15)
Motor load according to UL 508 1/4 HP, 120 V AC (N/O contact)
1/2 HP, 240 V AC (N/O contact)
1/4 HP, 120 V AC (N/C contact)
1/3 HP, 240 V AC (N/C contact)
General
Test voltage relay winding/relay contact 5 kV AC (50 Hz, 1 min.)
Test voltage relay contact/relay contact 5 kV AC (50 Hz, 1 min.)
Test voltage PDT/PDT 5 kV AC
Mechanical service life 5x 106cycles
Service life, electrical see diagram
Net weight....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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