

INDUSTRIAL COMPONENT DATA

REL-MR- 24DC/21-21AU/MS 2987985 PHOENIX CONTACT

Single relay

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-24DC/21-21AU/MS
Catalog number	2987985
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-D976D7BA8E
Generated	2026-08-04

Product Overview

Single relay

Plug-in miniature relays, with multilayer contact with hard gold coating, 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 2987985

Packing unit 10 pc

Minimum order quantity 10 pc

Catalog page Page 306 (C-5-2017)

GTIN 4046356480994

Weight per Piece (excluding packing) 18.410 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

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, hard gold-plated

Maximum switching voltage 30 V AC

36 V DC

Minimum switching voltage 12 V (At 1 mA)

Min. switching current 1 mA (at 12 V)

Maximum inrush current 50 mA

Limiting continuous current 50 mA

Switching capacity 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)

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 12 V (at 10 mA)

Limiting continuous current 8 A

Maximum inrush current 16 A (20 ms)

Min. switching current 10 mA (at 12 V)

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 2...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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