

INDUSTRIAL COMPONENT DATA

REL-MR-24DC/21HC/EX 2908822 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-MR-24DC/21HC/EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-24DC/21HC/EX
Catalog number	2908822
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-28FA421083
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Product Overview

Single relay

Plug-in miniature power relay, RT III sealed with power contacts, 1 switched contact, input voltage: 24 V DC, in combination with the corresponding PLC socket approved according to ATEX/IECEX (zone 2) and Ex zone class I, div. 2.

Pluggable miniature power relay, RT III sealed with power contacts, 1 changeover, input voltage: 24 V DC, in conjunction with the associated PLC socket approved according to ATEX/IECEX (Zone 2) and Ex-Zone Class I, Div. 2.

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
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Additional Product Information

Key Commercial Data

Orderkey 2908822

Packing unit 10 pc

Minimum order quantity 10 pc

GTIN 4055626345161

Weight per Piece (excluding packing) 15.900 g

Custom tariff number 85364190

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 24 V DC

Typical input current at UN 17 mA

Typical response time 7 ms

Typical release time 3 ms

Coil resistance 1440 ± 10 % (at 20 °C)

Power dissipation for nominal condition 0.41 W

Contact side

Contact type 1 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 50 A (20 ms)

Limiting continuous current 16 A

Interrupting rating (ohmic load) max. 384 W (at 24 V DC)

58 W (at 48 V DC)

48 W (at 60 V DC)

50 W (at 110 V DC)

80 W (at 220 V DC)

4000 VA (for 250 V AC)

Switching capacity 2 A (at 24 V, DC13)

0.2 A (at 110 V, DC13)

0.2 A (at 250 V, DC13)

6 A (at 24 V, AC15)

6 A (at 120 V, AC15)

6 A (at 250 V, AC15)

General

Test voltage relay winding/relay contact 5 kV AC (50 Hz, 1 min.)

Operating mode 100% operating factor

Degree of protection RT III (wash-proof)

Mechanical service life 3x 10⁷ cycles

Service life, electrical see diagram

Mounting position any

Assembly instructions Can be aligned without spacing (> 70 °C >= 2....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-24DC/21HC/EX 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

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