

INDUSTRIAL COMPONENT DATA

REL-MR-BL-24DC/21-21/MS 2908181 PHOENIX CONTACT

Single relay

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-BL-24DC/21-21/MS
Catalog number	2908181
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-1F93CFFA0A
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Product Overview

Single relay

Plug-in miniature relay, with power contact, 2 switched contacts, check button, mechanical display of switching position, polarity: bipolar, input voltage: 24VDC

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 2908181

Packing unit 10 pc

Minimum order quantity 10 pc

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GTIN 4055626279404

Weight per Piece (excluding packing) 18.000 g

Custom tariff number 85364190

Country of origin CN (China)

Dimensions

Width 13 mm

Height 29 mm

Depth 25.5 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 0.8 ... 2.2 (see diagram)

Typical input current at UN 17 mA

Typical response time 9 ms

Typical release time 6 ms

Power dissipation for nominal condition 0.41 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. 192 W (at 24 V DC)

62 W (at 48 V DC)

42 W (at 60 V DC)

55 W (at 110 V DC)

66 W (at 220 V DC)

General

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

Test voltage PDT/PDT 2.5 V AC (50 Hz, 1 min.)

Operating mode 100% operating factor

Degree of protection RT II

Mechanical service life 5x 10⁶ cycles

Service life, electrical see diagram

Mounting position any

Net weight (SAP) 18 g

Standards and Regulations

Standards/regulations IEC 61810

IEC 60664

Rated insulation voltage 250 V AC

Degree of pollution 2

Overv...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-BL-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

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