

INDUSTRIAL COMPONENT DATA

REL-MR- 48DC/21-21 2834834 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-MR-48DC/21-21



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-48DC/21-21
Catalog number	2834834
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-CB1911693E
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Product Overview

Single relay

Plug-in miniature power relay, with power contact, 2 switched contacts, input voltage 48 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 2834834

Packing unit 10 pc

Minimum order quantity 10 pc

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GTIN 4046356118910

Weight per Piece (excluding packing) 15.260 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

Coil side

Nominal input voltage UN 48 V DC

Typical input current at UN 8.7 mA

Typical response time 7 ms

Typical release time 3 ms

Coil resistance 5520 Ω $\pm$ 10 % (at 20 °C)

Power dissipation for nominal condition 0.42 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 5 V (at 10 mA)

Min. switching current 10 mA (At 5 V)

Maximum inrush current 25 A (20 ms)

Limiting continuous current 8 A

Interrupting rating (ohmic load) max. 190 W (at 24 V DC)

85 W (at 48 V DC)

60 W (at 60 V DC)

40 W (at 110 V DC)

60 W (at 220 V DC)

2000 VA (for 250 V AC)

Motor load according to UL 508 1/4 HP, 120 V AC

1/2 HP, 240 V AC

General

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

Test voltage relay contact/relay contact 2.5 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 $\geq$ 2.5 mm)

Net weight (SAP) 15.26 g

Standards....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-48DC/21-21 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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