

INDUSTRIAL COMPONENT DATA

REL-MR- 48DC/21-21AU 2834847 PHOENIX CONTACT Single relay

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-48DC/21-21AU
Catalog number	2834847
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-4A09665EBD
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Product Overview

Single relay

Plug-in miniature power relay, with multi-layer gold 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 2834847

Packing unit 10 pc

Minimum order quantity 10 pc

Note Made to Order (non-returnable)

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GTIN 4046356118934

Weight per Piece (excluding packing) 14.950 g

Custom tariff number 85364900

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 $\pm 10\%$ (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, hard gold-plated

Maximum switching voltage 30 V AC

36 V DC

Minimum switching voltage 100 mV (at 10 mA)

Min. switching current 1 mA (at 24 V)

Maximum inrush current 50 mA

Limiting continuous current 50 mA

Interrupting rating (ohmic load) max. 1.2 W (at 24 V DC)

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

Minimum switching voltage 5 V (at 10 mA)

Limiting continuous current 8 A

Maximum inrush current 15 A (300 ms)

Min. switching current 10 mA (At 5 V)

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

100 W (at 48 V DC)

60 W (at 60 V DC)

44 W (at 110 V DC)

60 W (at 220 V DC)

2000 VA (for 250 V AC)

Switching capacity 2 A (at 24 V, DC13)

0.2 A (at 110 V, DC13)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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