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-AE58C1BACC
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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)
Catalog page Page 304 (C-5-2017)
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 ? ±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, DC1...

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.

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