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-9FD3ABE32C
Generated	2026-11-18

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
Catalog page Page 304 (C-5-2017)
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 ? ±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 107cycles
Service life, electrical see diagram
Mounting position any
Assembly instructions Can be aligned without spacing (> 70 °C >= 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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