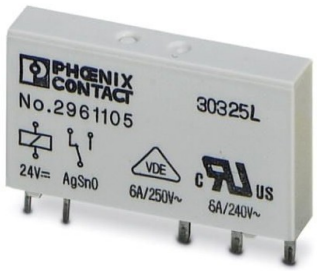
INDUSTRIAL COMPONENT DATA

REL-MR- 48DC/21 2961231 PHOENIX CONTACT Single relay

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-48DC/21
Catalog number	2961231
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-AAAF813A2F
Generated	2026-11-19

Product Overview

Single relay
Plug-in miniature relays, with power contact, 1 switched contact, 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 2961231
Packing unit 10 pc
Minimum order quantity 10 pc
Note Made to Order (non-returnable)
GTIN 4046356294317
Weight per Piece (excluding packing) 6.790 g
Custom tariff number 85364190
Country of origin CZ (Czech Republic)
Dimensions
Width 5 mm
Height 28 mm
Depth 15 mm
Ambient conditions
Ambient temperature (operation) -40 °C ... 85 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C
Coil side
Nominal input voltage UN 48 V DC
Typical input current at UN 4.5 mA
Typical response time 5 ms
Typical release time 2.5 ms
Coil resistance 10618 ? ±10 % (at 20 °C)
Power dissipation for nominal condition 0.22 W
Contact side
Contact type 1 PDT
Type of switch contact Single contact
Contact material AgSnO
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 5 V (at 100 mA)
Min. switching current 10 mA (at 12 V)
Maximum inrush current 10 A (4 s)
Limiting continuous current 6 A
Interrupting rating (ohmic load) max. 140 W (at 24 V DC)
20 W (at 48 V DC)
18 W (at 60 V DC)
23 W (at 110 V DC)
40 W (at 220 V DC)
1500 VA (for 250 V AC)
Switching capacity 2 A (at 24 V, DC13)
0.2 A (at 110 V, DC13)
0.1 A (at 220 V, DC13)
3 A (at 24 V, AC15)
3 A (at 120 V, AC15)
3 A (at 230 V, AC15)
General
Test voltage relay winding/relay contact 4 kV AC (50 Hz, 1 min.)
Operating mode 100% operating factor
Degree of protection RT III (wash-proof)
Mechanical service life 2x 107cycles
Mounting position any
Assembly instructions In rows with zero spacing
Net weight (SAP)...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-48DC/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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