INDUSTRIAL COMPONENT DATA

REL-MR- 12DC/21-21 2961257 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-MR-12DC/21-21



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-12DC/21-21
Catalog number	2961257
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-0CC00A7E87
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Product Overview

Single relay
Plug-in miniature power relay, with power contact, 2 switched contacts, input voltage 12 V DC
Plug-in miniature power relay, with power contact, 2 changeover contacts, 12 V DC input voltage

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 2961257
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 304 (C-5-2017)
GTIN 4017918163525
Weight per Piece (excluding packing) 15.430 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
Ambient temperature (storage/transport) -40 °C ... 85 °C
Coil side
Nominal input voltage UN 12 V DC
Input voltage range in reference to UN see diagram
Typical input current at UN 33 mA
Typical response time 7 ms
Typical release time 3 ms
Coil resistance 360 ? ±10 % (at 20 °C)
Power dissipation for nominal condition 0.4 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)
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 250 V, DC13)
3 A (at 24 V, AC15)
3 A (at 120 V, AC15)
3 A (at 250 V, AC15)
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 prote...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-12DC/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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