INDUSTRIAL COMPONENT DATA

REL-MR- 24DC/1IC 2961341 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-MR-24DC/1IC



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-24DC/1IC
Catalog number	2961341
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-02A9A3E2B9
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Product Overview

Single relay
Plug-in miniature power relay, with power contact for high input currents up to 130 A Peak, 1 normally open contact, input voltage 24 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 2961341
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 393 (C-5-2017)
GTIN 4017918187569
Weight per Piece (excluding packing) 12.820 g
Custom tariff number 85366990
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
Maximum altitude <= 2000 m
Coil side
Nominal input voltage UN 24 V DC
Input voltage range in reference to UN see diagram
Typical input current at UN 17 mA
Typical response time 8 ms
Typical release time 3 ms
Coil resistance 1440 ? ±10 % (20 °C)
Power dissipation for nominal condition 0.41 W
Contact side
Contact type 1 N/O contact
Type of switch contact Single contact
Contact material AgSnO
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 12 V (100 mA)
Min. switching current 100 mA (at 12 V DC)
Maximum inrush current 80 A (20 ms)
130 A (peak, at capacitive load, 230 V AC, 24 uF)
Limiting continuous current 16 A
Interrupting rating (ohmic load) max. 384 W (at 24 V DC)
58 W (at 48 V DC)
48 W (at 60 V DC)
50 W (at 110 V DC)
80 W (at 220 V DC)
4000 VA (for 250 V AC)
Switching capacity min. 1200 mW
Switching capacity 2 A (at 24 V, DC13)
0.2 A (at 110 V, DC13)
0.2 A (at 250 V, DC13)
6 A (at 24 V, AC15)
6 A (at 120 V, AC15)
6 A (at 250 V, AC15)
Motor load according to UL 508 1/2 HP, 120 V AC (N/O contact)
1 HP, 250 V AC (N/O contact)
General
Test voltage r...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-24DC/1IC 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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