

INDUSTRIAL COMPONENT DATA

REL-MR- 60DC/21-21 2961273 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-MR-60DC/21-21



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-60DC/21-21
Catalog number	2961273
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-E0154173EC
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Product Overview

Single relay

Plug-in miniature power relay, with power contact, 2 switched contacts, input voltage 60 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

Technical dataProduct propertiesProduct type Single relay

Operating mode 100% operating factor

Mechanical service life 3x 10⁷cycles

Data management status

Date of last data management 02.05.2024

Article revision 02

Insulation characteristics

Insulation Basic insulation

Overvoltage category III

Pollution degree 3

Electrical propertiesService life electrical see diagram

Maximum power dissipation for nominal condition 0.49 W

Test voltage (Winding/contact) 5 kV AC (50 Hz, 1 min., winding/contact)

Test voltage (Contact/contact) 2.5 kV AC (50 Hz, 1 min., contact/contact)

Input dataCoil side

Nominal input voltage UN 60 V DC

Input voltage range 39 V DC ... 148.8 V DC

Drive and function monostable

Drive (polarity) non-polarized

Typical input current at UN 8.2 mA

Typical response time 7 ms

Typical release time 3 ms

Coil resistance 7340 $\pm 15\%$ (at 20 °C)**Output data**Switching

Contact switching type 2 changeover contacts

Type of switch contact Single contact

Contact material AgNi

Maximum switching voltage 250 V AC/DC

Minimum switching voltage 5 V (at 10 mA)

Limiting continuous current 8 A

Maximum inrush current 25 A (20 ms)

Min. switching current 10 mA (At 5 V)

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 H...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-60DC/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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