

INDUSTRIAL COMPONENT DATA

REL-MR-120AC/21HC 2961419 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-MR-120AC/21HC



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-120AC/21HC
Catalog number	2961419
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-0E6F47231D
Generated	2026-08-01

Product Overview

Single relay

Plug-in miniature power relay, with power contact for high constant currents, 1 switched contact, input voltage 120VAC

Plug-in miniature power relay, with power contact for high permanent currents, 1 changeover contact, input voltage 120 V AC

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
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Additional Product Information

Key Commercial Data

Orderkey 2961419

Packing unit 10 pc

Minimum order quantity 10 pc

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GTIN 4017918937829

Weight per Piece (excluding packing) 14.900 g

Custom tariff number 85364900

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 120 V AC

Mains frequency 50/60 Hz

Typical input current at UN 7 mA (50 Hz)

5 mA (60 Hz)

Typical response time 3 ms ... 12 ms (depending on phase relation)

Typical release time range 2 ms ... 9 ms (depending on phase relation)

Coil resistance 8100 Ω $\pm$ 15 % (at 20 °C)

Power dissipation for nominal condition 0.84 W

Contact side

Contact type 1 PDT

Type of switch contact Single contact

Contact material AgNi

Maximum switching voltage 250 V AC/DC

Minimum switching voltage 12 V (at 10 mA)

Min. switching current 10 mA (at 12 V)

Maximum inrush current 25 A (20 ms)

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 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, 240 V AC (N/O contact)

1/3 HP, 120 V AC (N/C contact)

3/4 HP, 240 V AC (N/C conta...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-120AC/21HC 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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