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-0B922981D8
Generated	2026-11-18

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

Additional Product Information

Key Commercial Data
Orderkey 2961419
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 304 (C-5-2017)
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 ? ±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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.