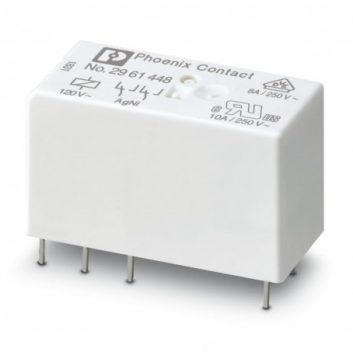
INDUSTRIAL COMPONENT DATA

REL-MR-120AC/21-21 2961448 PHOENIX CONTACT Single relay

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-120AC/21-21
Catalog number	2961448
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-DB13222E44
Generated	2026-11-18

Product Overview

Single relay
Plug-in miniature power relay, with power contact, 2 switched contacts, 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 2961448
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 304 (C-5-2017)
GTIN 4017918937850
Weight per Piece (excluding packing) 15.820 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 (at 50 Hz)
5 mA (At 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 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 12 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/rela...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-120AC/21-21 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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.