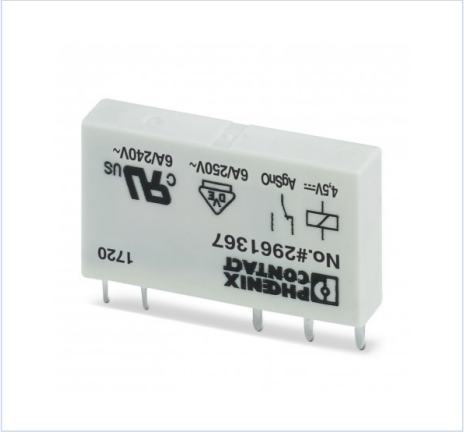
INDUSTRIAL COMPONENT DATA

REL-MR- 4,5DC/21 2961367 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-MR-4,5DC/21



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-4,5DC/21
Catalog number	2961367
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-4582859A84
Generated	2026-11-18

Product Overview

Single relay
Plug-in miniature power relay, with power contact, 1 switched contact, input voltage 4.5 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 2x 107cycles
Data management status
Date of last data management 02.05.2024
Article revision 02
Insulation characteristics
Overvoltage category III
Pollution degree 3
Electrical propertiesMaximum power dissipation for nominal condition 0.17 W
Test voltage (Winding/contact) 4 kV AC (50 Hz, 1 min., winding/contact)
Input dataCoil side
Nominal input voltage UN 4.5 V DC
Input voltage range 2.7 V DC ... 12.4 V DC
Input voltage range in reference to UN see diagram

Drive and function monostable
Drive (polarity) non-polarized
Typical input current at UN 38 mA
Typical response time 5 ms
Typical release time 2.5 ms
Coil resistance 119 ? ±10 % (at 20 °C)
Output dataSwitching
Contact switching type 1 changeover contact
Type of switch contact Single contact
Contact material AgSnO
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 5 V (at 100 mA)
Limiting continuous current 6 A
Maximum inrush current 10 A (4 s)
Min. switching current 10 mA (at 12 V)
Interrupting rating (ohmic load) max. 140 W (at 24 V DC)
20 W (at 48 V DC)
18 W (at 60 V DC)
23 W (at 110 V DC)
40 W (at 220 V DC)
1500 VA (for 250 V AC)
Switching capacity 2 A (at 24 V, DC13)
0.2 A (at 110 V, DC13)
0.1 A (at 220 V, DC13)
3 A (at 24 V, AC15)
3 A (at 120 V, AC15)
3 A (at 230 V, AC15)
Motor load according to UL 508 1/4 HP, 240 - 277 V AC (N/O contact)
1/6 HP, 240 - 277 V AC (N/C contact)
Connection....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-4,5DC/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.