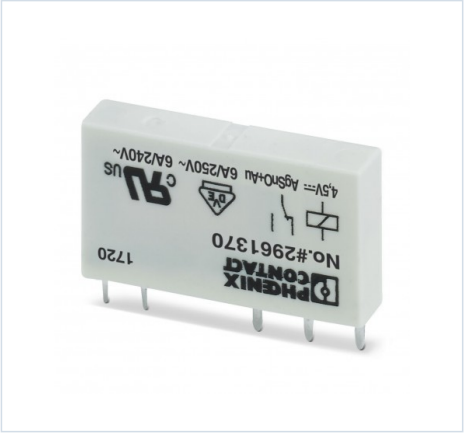
INDUSTRIAL COMPONENT DATA

REL-MR- 4,5DC/21AU 2961370 PHOENIX CONTACT Single relay

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-4,5DC/21AU
Catalog number	2961370
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-63E03E1E3E
Generated	2026-11-18

Product Overview

Single relay
Plug-in miniature power relay, with multi-layer gold 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

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, hard gold-plated
Maximum switching voltage 30 V AC
36 V DC
Minimum switching voltage 100 mV (at 10 mA)
Limiting continuous current 50 mA
Maximum inrush current on request
Min. switching current 1 mA (at 24 V)
Interrupting rating (ohmic load) max. 1.2 W (at 24 V DC)
Switching: when the gold layer is destroyed
Note the following values are applicable if a gold layer is destroyed
Contact material AgSnO
Maximum switching voltage 250 V AC
Minimum switching voltage 5 V (at 100 mA)
Limiting continuous current 6 A
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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-4,5DC/21AU 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.