INDUSTRIAL COMPONENT DATA

REL-MR- 12DC/1IC 2904475 PHOENIX CONTACT Plug-in miniature power relay, with power contact for high switch-o..

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-MR-12DC/1IC



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-12DC/1IC
Catalog number	2904475
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-3ECEFD5DAF
Generated	2026-11-19

Product Overview

Plug-in miniature power relay, with power contact for high switch-on currents, 1 N/O contact, input voltage 12 V DC
Plug-in miniature power relay, with power contact for high shut-off currents, 1 shut-off contact, input voltage 12VDC

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 2904475
Packing unit 1
GTIN 4046356840279
Custom tariff number 85364900
Drawings
Ambient conditions
Contact side
Standards and Regulations
Classifications
Dimensions
Coil side
General
Environmental Product Compliance

Drawings
Drilling diagram
a = pitch division 2.5 mm
Diagram
Curve A
Maximum permissible continuous voltage Umaxwith limiting continuous current on the contact side (see relevant technical data)
Curve B
Minimum permissible operate voltage Uopafter pre-excitation (see relevant technical data)
Dimensional drawing
Circuit diagram
Back to topDimensions
Width 12.7 mm
Height 29 mm
Depth 15.7 mm
Back to topAmbient conditions
Ambient temperature (operation) -40 °C ... 85 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Maximum altitude <= 2000 m
Degree of protection RT II
Back to topCoil side
Nominal input voltage UN 12 V DC
Input voltage range in reference to UN see diagram
Typical input current at UN 33 mA
Typical response time 8 ms
Typical release time 3 ms
Coil resistance 360 ? ±10 % (20 °C)
Power dissipation for nominal condition 0.4 W
Back to topContact side
Contact type 1 N/O contact
Type of switch contact Single contact
Contact material AgSnO
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 12 V (100 mA)
Min. switching current 100 mA (at 12 V DC)
Maximum inrush current 80 A (20 ms)
130 A (peak, at capacitive load, 230 V AC, 24 uF)
Limiting continuous current 16 A
Interrupting rating (ohmic load) max. 384 W (at...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-12DC/1IC 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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