INDUSTRIAL COMPONENT DATA

# REL-MR-110DC/1IC 1081621 PHOENIX CONTACT Pluggable miniature power relay, with power contact for high switch..

**Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-MR-110DC/1IC**




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| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | REL-MR-110DC/1IC |
| Catalog number | 1081621 |
| Category | Switching relay |
| Minimum order | 10 Pcs |
| Document ID | EO-98C89B83EB |
| Generated | 2026-11-18 |

## Product Overview

Pluggable miniature power relay, with power contact for high switch-on currents up to 130 A peaks, 1 N/O contact, input voltage: 110 V DC
Plug-in miniature power relay, with power contact for high input currents up to 130 A Peak, 1 normally open contact, input voltage 110 V DC

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Relays |

## Additional Product Information

Key Commercial Data
Orderkey 1081621
Packing unit 1
GTIN 4055626810317
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 110 V DC
Input voltage range in reference to UN see diagram
Typical input current at UN 3.8 mA
Typical response time 8 ms
Typical release time 3 ms
Coil resistance 28880 ? ±10 % (20 °C)
Power dissipation for nominal condition 0.42 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....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-MR-110DC/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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