

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-MR-110DC/1IC
Catalog number	1081621
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-8D90F25042
Generated	2026-08-05

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

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 U_{max} with limiting continuous current on the contact side (see relevant technical data)

Curve B

Minimum permissible operate voltage U_{op} after 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 U_N 110 V DC

Input voltage range in reference to U_N see diagram

Typical input current at U_N 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 μ F)

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

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.