

INDUSTRIAL COMPONENT DATA

REL-IR2/LDP-110DC/2X21 2903663 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-IR2/LDP-110DC/2X21



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-IR2/LDP-110DC/2X21
Catalog number	2903663
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-E39BA1857C
Generated	2026-08-04

Product Overview

Single relay

Plug-in industrial relays with power contacts, 2 inverter contacts, test key, status LED, free-flowing diode, mechanical switching position indication, A1+, A2- polarity, 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 2903663

Packing unit 10 pc

Minimum order quantity 10 pc

Catalog page Page 314 (C-5-2017)

GTIN 4046356758161

Weight per Piece (excluding packing) 34.110 g

Custom tariff number 85364900

Country of origin PL (Poland)

Dimensions

Width 21.2 mm

Height 27.5 mm

Depth 35.6 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 70 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Coil side

Nominal input voltage UN 110 V DC

Input voltage range in reference to UN see diagram

Typical input current at UN 8 mA

Typical response time 13 ms

Typical release time 14 ms

Protective circuit Damping diode

Status display Yellow LED

Power dissipation for nominal condition 0.88 W

Contact side

Contact type 2 PDT

Type of switch contact Single contact

Contact material AgNi

Maximum switching voltage 250 V AC/DC

Minimum switching voltage 5 V (At 24 mA)

Min. switching current 5 mA (at 24 V)

Maximum inrush current 30 A (20 ms, N/O contact)

Limiting continuous current 12 A

Interrupting rating (ohmic load) max. 288 W (at 24 V DC)

124 W (at 48 V DC)

108 W (at 60 V DC)

52 W (at 110 V DC)

48 W (at 220 V DC)

3000 VA (for 250 V AC)

Switching capacity min. 0.12 W

Motor load according to UL 508 1/2 HP, 240 V AC

General

Test voltage relay winding/relay contact 2.5 kVrms(50 Hz, 1 min.)

Test voltage relay contact/relay contact 2.5 kVrms(50 Hz, 1 min.)

Test voltage PDT/PDT 2.5 kVrms(50 Hz, 1 min.)

Operating mode 100% operating factor

Degree of protection RT I

Mechanical se...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-IR2/LDP-110DC/2X21 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.