

## INDUSTRIAL COMPONENT DATA

# REL-IR2/LDP-125DC/2X21 2903664 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-IR2/LDP-125DC/2X21



|                 |                        |
|-----------------|------------------------|
| Manufacturer    | PHOENIX CONTACT        |
| MPN / Reference | REL-IR2/LDP-125DC/2X21 |
| Catalog number  | 2903664                |
| Category        | Switching relay        |
| Minimum order   | 10 Pcs                 |
| Document ID     | EO-130968B4EC          |
| 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: 125 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 2903664

Packing unit 10 pc

Minimum order quantity 10 pc

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GTIN 4046356758178

Weight per Piece (excluding packing) 36.100 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 125 V DC

Input voltage range in reference to UN see diagram

Typical input current at UN 7.7 mA

Typical response time 13 ms

Typical release time 14 ms

Protective circuit Damping diode

Status display Yellow LED

Power dissipation for nominal condition 0.96 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....

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / REL-IR2/LDP-125DC/2X21 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

**GLOBAL OFFICES**

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