

INDUSTRIAL COMPONENT DATA

REL-IR4/LDP- 24DC/4X21 2903677 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-IR4/LDP-24DC/4X21



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-IR4/LDP-24DC/4X21
Catalog number	2903677
Category	Switching relay
Minimum order	1 Pcs
Document ID	EO-6CA8220746
Generated	2026-08-04

Product Overview

Single relay

Plug-in industrial relays with power contacts, 4 inverter contacts, test key, status LED, free circulation diode, mechanical switching position indication, A1+, A2- polarity, input voltage: 24VDC

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 2903677

Packing unit 10 pc

Minimum order quantity 10 pc

Catalog page Page 314 (C-5-2017)

GTIN 4046356758901

Weight per Piece (excluding packing) 34.400 g

Custom tariff number 85364190

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 24 V DC

Input voltage range in reference to UN see diagram

Typical input current at UN 42 mA

Typical response time 13 ms

Typical release time 14 ms

Protective circuit Damping diode

Status display Yellow LED

Power dissipation for nominal condition 1.01 W

Contact side

Contact type 4 PDTs

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 16 A (20 ms, N/O contact)

Limiting continuous current 6 A

Interrupting rating (ohmic load) max. 144 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)

1500 VA (for 250 V AC)

Switching capacity min. 0.12 W

Switching capacity 2 A (at 24 V, DC13)

0.22 A (at 120 V, DC13)

0.11 A (at 250 V, DC13)

1.5 A (at 24 V, AC15)

1.5 A (at 120 V, AC15)

1 A (at 240 V, AC15)

Motor load according to UL 508 1/3 HP, 240 V AC

General

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

Test voltage PDT/PDT 2 kVrms(50 Hz,...)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-IR4/LDP-24DC/4X21 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.