

INDUSTRIAL COMPONENT DATA

REL-IR2/LDP- 24DC/2X21 2903660 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-IR2/LDP-24DC/2X21



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-IR2/LDP-24DC/2X21
Catalog number	2903660
Category	Switching relay
Minimum order	1 Pcs
Document ID	EO-AB2C2F8CF8
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, polarity A1+, A2-, input voltage: 24 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

Technical dataProduct propertiesProduct type Single relay

Operating mode 100% operating factor

Mechanical service life approx. 2x 10⁷cycles

Data management status

Date of last data management 02.05.2024

Article revision 02

Insulation characteristics

Insulation Basic insulation

Overvoltage category III

Pollution degree 3 (Rated voltage of 230 V)

2 (Rated voltage of 400 V)

Electrical propertiesService life electrical see diagram

Maximum power dissipation for nominal condition 1.01 W

Test voltage (Winding/contact) 2.5 kVrms(50 Hz, 1 min., winding/contact)
Test voltage (Contact/contact) 2.5 kVrms(50 Hz, 1 min., contact/contact)
Test voltage (Changeover contact/changeover contact) 2.5 kVrms(50 Hz, 1 min., changeover contact/changeover contact)
Rated insulation voltage 250 V AC
Rated surge voltage 4 kV
Input dataCoil side
Nominal input voltage UN 24 V DC
Input voltage range 18.7 V DC ... 46.8 V DC
Input voltage range in reference to UN see diagram
Drive and function monostable
Drive (polarity) polarized
Typical input current at UN 42 mA
Typical response time 13 ms
Typical release time 14 ms
Protective circuit Freewheeling diode
Status display LED (yellow)
Output dataSwitching
Contact switching type 2 changeover contacts
Type of switch contact Single contact
Contact material AgNi
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 5 V (At 24 mA)
Limiting continuous current 12 A
Maximum inrush current 30 A (20 ms, N/O contacts)
Min. switching current 5 mA (at 24 V)
Inter...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-IR2/LDP-24DC/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.