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-5D7775F3D3
Generated	2026-11-19

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.