INDUSTRIAL COMPONENT DATA

REL-IR4/LDP-220DC/4X21 2903682 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-IR4/LDP-220DC/4X21



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-IR4/LDP-220DC/4X21
Catalog number	2903682
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-B34E669624
Generated	2026-11-19

Product Overview

Single relay
Plug-in industrial relays with power contacts, 4 inverter contacts, test key, status LED, free-flowing diode, mechanical switching position indication, A1+, A2-polarity, coil voltage: 220 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 2903682
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 314 (C-5-2017)
GTIN 4046356758956
Weight per Piece (excluding packing) 33.190 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 220 V DC
Input voltage range in reference to UN see diagram
Typical input current at UN 4 mA
Non-operate voltage <= 132 V DC
Safe operate voltage >= 176 V DC
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 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 conta...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-IR4/LDP-220DC/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.