

INDUSTRIAL COMPONENT DATA

REL-OR3/LDP-220DC/3X21 2907027 PHOENIX CONTACT

Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-OR3/LDP-220DC/3X21



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-OR3/LDP-220DC/3X21
Catalog number	2907027
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-986BFC8812
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Product Overview

Single relay

Plug-in octal relay with power contacts, 3 inverters, test button, indication of the mechanical switching position, coil voltage: 220VDC, actuation voltage at 23°C without pre-excitation $\geq 60\%$... $\approx 80\%$ of the assigned voltage ($\geq 132\text{VDC}$... $\leq 176\text{VDC}$)

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 2907027

Packing unit 10 pc

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GTIN 4055626159959

Weight per Piece (excluding packing) 92.000 g

Custom tariff number 85364900

Country of origin PL (Poland)

Dimensions

Width 35 mm

Height 35 mm

Depth 54.4 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 8 mA

Typical response time 18 ms

Typical release time 7 ms

Protective circuit Damping diode

Status display Yellow LED

Power dissipation for nominal condition 1.76 W

Contact side

Contact type 3 PDTs

Type of switch contact Single contact

Contact material AgNi

Maximum switching voltage 250 V AC/DC

Minimum switching voltage 10 V (At 24 mA)

Min. switching current 10 mA (at 24 V)

Maximum inrush current 30 A (20 ms, N/O contact)

Limiting continuous current 10 A

Interrupting rating (ohmic load) max. 240 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)

2500 VA (for 250 V AC)

Switching capacity min. 0.24 W

Switching capacity 2 A (at 24 V, DC13)

1.5 A (at 230 V, AC15)

General

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

Test voltage PDT/PDT 2 kVrms(50 Hz, 1 min.)

Operating mode 100% operating factor

Degree of protection RT I

Mechanical service life 1x 10⁷cycles, approximately

Mounting position any

Net weight (SAP) 92 g

St...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-OR3/LDP-220DC/3X21 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

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