INDUSTRIAL COMPONENT DATA

REL-OR3/LDP-48DC/3X21 2908897 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-OR3/LDP-48DC/3X21



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-OR3/LDP-48DC/3X21
Catalog number	2908897
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-404CDE8FA4
Generated	2026-11-19

Product Overview

Single relay
Plug-in octal relays with power contacts, 3 switched contacts, test key, free-flowing diode, mechanical switching position indication, polarity A1+, A2-, input voltage: 48VDC

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 2908897
Packing unit 10 pc
Catalog page Page 322 (C-5-2017)
GTIN 4055626355504
Weight per Piece (excluding packing) 5.000 g
Custom tariff number 85364190
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 48 V DC
Input voltage range in reference to UN see diagram
Typical response time 18 ms
Typical release time 20 ms
Protective circuit Damping diode
Status display Yellow LED
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)
0.22 A (at 120 V, DC13)
0.11 A (at 250 V, DC13)
3 A (at 24 V, AC15)
3 A (at 120 V, AC15)
1.5 A (at 240 V, AC15)
General
Test voltage relay winding/relay contact 2.5 kVrms(50 Hz, 1 min.)
Test voltage relay contact/relay contact 2 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 ap...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-OR3/LDP-48DC/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

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.