

INDUSTRIAL COMPONENT DATA

REL-OR3/LDP-12DC/3X21 2909211 PHOENIX CONTACT

Plug-in octal relays with power contacts, 3 changeover contact..

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-OR3/LDP-12DC/3X21



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-OR3/LDP-12DC/3X21
Catalog number	2909211
Category	Switching relay
Minimum order	50 Pcs
Document ID	EO-E470F183E6
Generated	2026-08-06

Product Overview

Plug-in octal relays with power contacts, 3 changeover contacts, test button, freewheeling diode, mechanical switch position indicator, polarity A1+, A2-, input voltage: 12 V DC

Plug-in octal relays with power contacts, 3 switches, test key, free-flowing diode, mechanical switching position indication, polarity A1+, A2-, input voltage: 12 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 2909211

Packing unit 1

GTIN 4055626360218

Custom tariff number 85364190

Drawings

Dimensions

Coil side

General

Standards and Regulations

Classifications

Note

Ambient conditions

Contact side

Connection data

Environmental Product Compliance

Drawings

Diagram

Operating voltage range

Diagram

Interrupting rating

Diagram

Electrical service life

Diagram

Service life reduction factor

Circuit diagram

[Back to top](#)Note

Note The outputs are not suitable for switching different outer conductors.

Do not use to separate SELV / PELV circuits from other circuits, because safe isolation is not guaranteed.

[Back to top](#)Dimensions

Width 35 mm

Height 35 mm

Depth 54.4 mm

[Back to top](#)Ambient conditions

Ambient temperature (operation) -40 °C ... 70 °C

Ambient temperature (storage/transport) -40 °C ... 85 °C

Maximum altitude ≤ 2000 m

Degree of protection RT I

≥ IP54 (Installation location)

[Back to top](#)Coil side

Nominal input voltage UN 12 V DC

Typical input current at UN 112 mA

Typical response time 18 ms

Typical release time 20 ms

Protective circuit Damping diode

Status display Yellow LED

Coil resistance 110 Ω ±10 %

Voltage type for actuation DC

Power dissipation for nominal condition 1.44 W

[Back to top](#)Contact side

Contact type 3 PDTs

Type of switch contact Single contact

Contact material AgNi

Maximum switching voltage 250 V DC

440 V AC

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 contacts)

Limiting co...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-OR3/LDP-12DC/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.