

INDUSTRIAL COMPONENT DATA

REL-OR3/L-120AC/3X21 2903695 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-OR3/L-120AC/3X21



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-OR3/L-120AC/3X21
Catalog number	2903695
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-D473F61DEC
Generated	2026-08-04

Product Overview

Single relay

Plug-in octal relays with power contacts, 3 switched contacts, test button, mechanical display of switching position, coil voltage: 120 V AC

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 2903695

Packing unit 10 pc

Minimum order quantity 10 pc

Catalog page Page 322 (C-5-2017)

GTIN 4046356759083

Weight per Piece (excluding packing) 88.450 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 ... 55 °C

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

Coil side

Nominal input voltage UN 120 V AC

Mains frequency 50/60 Hz

Typical input current at UN 23 mA

Typical response time 5 ms ... 15 ms (depending on phase relation)

Typical release time range 5 ms ... 20 ms (depending on phase relation)

Status display Yellow LED

Coil resistance 1910 Ω $\pm$ 15 %

Power dissipation for nominal condition 2.76 W

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 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)

Motor load according to UL 508 1/2 HP, 240 V AC (N/O contact)

General

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.

Test voltage relay winding/r...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEWSend PHOENIX CONTACT / REL-OR3/L-120AC/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.