

INDUSTRIAL COMPONENT DATA

REL-PR3-120AC/3X21 2903704 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-PR3-120AC/3X21



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-PR3-120AC/3X21
Catalog number	2903704
Category	Switching relay
Minimum order	1 Pcs
Document ID	EO-A8F82595E3
Generated	2026-08-05

Product Overview

Single relay

Plug-in high-power relays with power contacts, 3 inverter contacts, 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 2903704

Packing unit 1 pc

Catalog page Page 326 (C-5-2017)

GTIN 4046356759168

Weight per Piece (excluding packing) 86.000 g

Custom tariff number 85364900

Country of origin PL (Poland)

Dimensions

Width 38.6 mm

Height 36.1 mm

Depth 45.5 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 ... 25 ms (depending on phase relation)

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

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 440 V AC

250 V DC

Minimum switching voltage 10 V (At 24 mA)

Min. switching current 10 mA (at 24 V)

Maximum inrush current 50 A (20 ms, N/O contact)

Limiting continuous current 16 A

Interrupting rating (ohmic load) max. 384 W (at 24 V DC)

124 W (at 48 V DC)

108 W (at 60 V DC)

52 W (at 110 V DC)

70 W (at 220 V DC)

4000 VA (for 250 V AC)

4000 VA (at 440 V AC)

3-phase motor load 1500 W (at 400 V, AC3)

Motor load according to UL 508 1/3 HP, 120 V AC (single-phase AC motor)

1/2 HP, 240 V AC (single-phase AC motor)

1/2 HP, 240 V AC (three-phase induction motor)

General

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

Do not use to separate SE...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-PR3-120AC/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.