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-456275D532
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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 ? ±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

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