

INDUSTRIAL COMPONENT DATA

REL-IR4/120AC/4X21/EX 2909744 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-IR4/120AC/4X21/EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-IR4/120AC/4X21/EX
Catalog number	2909744
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-3BC441AFAC
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Product Overview

Single relay

Plug-in industrial relay, RT III sealed with power contacts, 4 switched contacts, mechanical switching position indicator, polarity: no polarity, input voltage: 120 V AC in combination with RIF-2.../EX sockets approved according to ATEX/IECEx (zone 2) and Ex zone class I, div. 2.

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
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Additional Product Information

Key Commercial Data

Orderkey 2909744

Packing unit 10 pc

Note Made to Order (non-returnable)

GTIN 4055626379937

Weight per Piece (excluding packing) 34.800 g

Custom tariff number 85364900

Country of origin PL (Poland)

Dimensions

Width 21.2 mm

Height 27.5 mm

Depth 35.6 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

Input voltage range in reference to UN see diagram

Mains frequency 50/60 Hz

Typical input current at UN 13 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

Power dissipation for nominal condition 1.56 W

Contact side

Contact type 4 PDTs

Type of switch contact Single contact

Contact material AgNi

Maximum switching voltage 250 V AC/DC

Minimum switching voltage 5 V (At 24 mA)

Min. switching current 5 mA (at 24 V)

Maximum inrush current 16 A (20 ms, N/O contact)

Limiting continuous current 6 A

Interrupting rating (ohmic load) max. 144 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)

1500 VA (for 250 V AC)

Switching capacity min. 0.12 W

Switching capacity 2 A (at 24 V, DC13)

0.22 A (at 120 V, DC13)

0.11 A (at 250 V, DC13)

1.5 A (at 24 V, AC15)

1.5 A (at 120 V, AC15)

1 A (at 240 V, AC15)

Switching capacity according to IEC 60947-5-1 2 A (at 24 V, DC13)

0.22 A (at 120 V, DC13)

0.11 A (at 250 V...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-IR4/120AC/4X21/EX 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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