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-7CAAE7E9EB
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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

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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