

INDUSTRIAL COMPONENT DATA

REL-IR4/24DC/4X21/EX 2909738 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-IR4/24DC/4X21/EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-IR4/24DC/4X21/EX
Catalog number	2909738
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-6D3F8176FA
Generated	2026-08-01

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: 24 V DC 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 2909738

Packing unit 10 pc

Note Made to Order (non-returnable)

GTIN 4055626379685

Weight per Piece (excluding packing) 35.430 g

Custom tariff number 85364190

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 ... 70 °C

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

Coil side

Nominal input voltage UN 24 V DC

Input voltage range in reference to UN see diagram

Typical input current at UN 38 mA

Typical response time 13 ms

Typical release time 3 ms

Power dissipation for nominal condition 0.91 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)

12 A (4 s, 4 N/O contacts)

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)

1 A (at 230 V, AC15)

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

1 A (at 230 V, AC15)

Motor load according to UL 508 1/3 HP, 240 V AC

General

Test voltage relay winding/relay contact 2.5 kVrms(50 Hz, 1 min.)

Test voltage PDT/PDT 2.5 kVrms(50 Hz, 1 min.)

Operating mode 100% operating factor

Degree of protect...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-IR4/24DC/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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