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-3881DE459D
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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: 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

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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