INDUSTRIAL COMPONENT DATA

REL-IR4/230AC/4X21/EX 2909742 PHOENIX CONTACT Single relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: REL-IR4/230AC/4X21/EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	REL-IR4/230AC/4X21/EX
Catalog number	2909742
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-BFCBEAA0E3
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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: 230 V AC in combination with RIF-2.../EX sockets approved according to ATEX/IECEx (zone 2) and Ex zone class I, div. 2.
Pluggable industrial relay, RT III sealed with power contacts, 4x changeover contacts, mechanical switch position indicator, polarity: non-polarized, input voltage: 230 V AC, in connection with RIF-2.../EX bases approved in accordance with 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

Technical dataProduct propertiesProduct type Single relay
Operating mode 100% operating factor
Mechanical service life approx. 2x 107cycles
Data management status
Date of last data management 02.05.2024
Article revision 01
Insulation characteristics
Insulation Basic insulation
Overvoltage category II

Pollution degree 2
Electrical propertiesService life electrical see diagram
Maximum power dissipation for nominal condition 1.5 W
Test voltage (Winding/contact) 2.5 kVrms(50 Hz, 1 min., winding/contact)
Test voltage (Changeover contact/changeover contact) 2 kVrms(50 Hz, 1 min., changeover contact/changeover contact)
Rated insulation voltage 250 V AC
Rated surge voltage 2.5 kV
Input dataCoil side
Nominal input voltage UN 230 V AC
Input voltage range 179.4 V AC ... 317.4 V AC
Input voltage range in reference to UN see diagram
Mains frequency 50/60 Hz
Drive and function monostable
Drive (polarity) non-polarized
Typical input current at UN 6.5 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 LED (yellow)
Output dataSwitching
Contact switching type 4 changeover contacts
Type of switch contact Single contact
Contact material AgNi
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 5 V (At 24 mA)
Limiting continuous current 6 A
Maximum inrush current 16 A (20 ms, N/O contacts)
Min. switching current 5 mA (at 24 V)
Interrupting rating (ohmic load) max. 144 W (at 24 V D...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / REL-IR4/230AC/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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