INDUSTRIAL COMPONENT DATA

RIF-2-RPT-LDP-24DC/4X21 2903308 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: RIF-2-RPT-LDP-24DC/4X21



Manufacturer	PHOENIX CONTACT
MPN / Reference	RIF-2-RPT-LDP-24DC/4X21
Catalog number	2903308
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-66B5E21A93
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Product Overview

Relay Module
Pre-assembled relay module with push-in connection, consisting of: relay socket, relay with power contact and clamping flange. Contact type: 4 investor contacts. Input voltage: 24 V DC
Preassembled relay module with Push-in connection, consisting of: relay base, power contact relay, and retaining bracket. Contact switching type: 4 changeover contacts. Input voltage: 24 V DC

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 Relay Module
Product family RIFLINE complete
Application Universal
Operating mode 100% operating factor
Mechanical service life approx. 2x 107cycles
Data management status
Date of last data management 22.08.2024
Article revision 07
Insulation characteristics
Insulation Basic insulation
Overvoltage category II

Pollution degree 2
Electrical propertiesMaximum power dissipation for nominal condition 1.01 W
Test voltage (Winding/contact) 2.5 kVrms(50 Hz, 1 min., winding/contact)
Test voltage (Contact/contact) 2 kVrms(50 Hz, 1 min., contact/contact)
Rated insulation voltage 250 V AC
Rated surge voltage 2.5 kV
Input dataCoil side
Nominal input voltage UN 24 V DC
Input voltage range 19.2 V DC ... 30 V DC (20 °C)
Input voltage range in reference to UN see diagram
Drive and function monostable
Drive (polarity) polarized
Typical input current at UN 42 mA
Typical response time 13 ms
Typical release time 14 ms
Coil voltage 24 V DC
Protective circuit Freewheeling diode
Operating voltage display Yellow LED
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 (see diagram)
Maximum inrush current 16 A (20 ms, N/O contacts)
Min. switching current 5 mA (24 V)
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 D...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RIF-2-RPT-LDP-24DC/4X21 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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