

INDUSTRIAL COMPONENT DATA

RIF-1-RPT-LDP-24DC/1IC 2909884 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: RIF-1-RPT-LDP-24DC/1IC



Manufacturer	PHOENIX CONTACT
MPN / Reference	RIF-1-RPT-LDP-24DC/1IC
Catalog number	2909884
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-5D39758EF3
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Product Overview

Relay Module

Pre-assembled relay module with push-in connection consisting of: relay socket, relay with power contact, plug-in indication/antiparasitic module and clamping flange. Contact version: 1 normally open contact, max. shut-off current up to 130 A peak, 80 A (20 ms) input voltage 24 V DC

Preassembled relay module with Push-in connection, consisting of: relay base, power contact relay, plug-in display/interference suppression module, retaining bracket. Contact switching type: 1 N/O contact, max. inrush current up to 130 A peak, 80 A (20 ms), 24 V DC input voltage

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

Technical dataNotes on operation FBS 2-6... plug-in bridge for the input side (A2) and FBS-2-8... plug-in bridge for the output side (11/21)

Product propertiesProduct type Relay Module

Product family RIFLINE complete

Application high inrush currents

Operating mode 100% operating factor

Mechanical service life 3x 10⁷cycles

Data management status

Date of last data management 15.10.2024

Article revision 05

Insulation characteristics: Standards/regulations

Insulation Safe isolation, reinforced insulation

Overvoltage category III

Pollution degree 2

Electrical properties Maximum power dissipation for nominal condition 0.43 W

Test voltage (Winding/contact) 4 kV AC (50 Hz, 1 min., winding/contact)

Standards/regulations

Rated insulation voltage 250 V AC

Rated surge voltage 6 kV

Input data Coil side

Nominal input voltage UN 24 V DC

Input voltage range 19.2 V DC ... 33.6 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 18 mA

Typical response time 8 ms

Typical release time 10 ms

Coil voltage 24 V DC

Protective circuit Freewheeling diode; Freewheeling diode

Operating voltage display Yellow LED

Output data Switching

Contact switching type 1 N/O contact

Type of switch contact Single contact

Contact material AgSnO

Maximum switching voltage 250 V AC/DC (The separating plate PLC-ATP should be installed for voltages larger than 250 V (L1, L2, L3) between identical terminal blocks in adjacent m...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RIF-1-RPT-LDP-24DC/1IC with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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