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-4B4330387B
Generated	2026-11-19

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

Additional Product Information

Technical dataNotesNotes 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 propertiesMaximum 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 dataCoil 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 dataSwitching
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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