INDUSTRIAL COMPONENT DATA

RIF-1-RPT-LDP-24DC/1X21MS 2905289 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: RIF-1-RPT-LDP-24DC/1X21MS



Manufacturer	PHOENIX CONTACT
MPN / Reference	RIF-1-RPT-LDP-24DC/1X21MS
Catalog number	2905289
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-99A11097C8
Generated	2026-11-18

Product Overview

Relay Module
Pre-assembled relay module with push-in connection, consisting of: relay socket, relay fixing brackets and relay with power contact with test button, integrated status LED and free circulation diode. Contact type: 1 inverter contact. Input voltage: 24 V DC
Pre-assembled relay module with push-in connection, consisting of: relay base, relay retaining bracket and power contact relay with test button, integrated status LED and freewheeling diode. Contact version: 1 changeover. 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

Key Commercial Data
Orderkey 2905289
Packing unit 10 pc
Catalog page Page 344 (C-5-2017)
GTIN 4046356945448
Weight per Piece (excluding packing) 68.140 g
Custom tariff number 85364110
Country of origin CN (China)
Note
Utilization restriction EMC: class A product, see manufacturer's declaration in the download area

Dimensions
Width 16 mm
Height 93 mm
Depth 75 mm
Ambient conditions
Ambient temperature (operation) -40 °C ... 60 °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 18 mA
Typical response time 9 ms
Typical release time 10 ms
Coil voltage 24 V DC
Protective circuit Damping diode
Operating voltage display Yellow LED
Power dissipation for nominal condition 0.43 W
Contact side
Contact type 1 PDT
Type of switch contact Single contact
Contact material AgNi
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 12 V (at 10 mA)
Min. switching current 10 mA (at 12 V)
Maximum inrush current 24 A (20 ms, N/O contact)
Limiting continuous current see diagram
Interrupting rating (ohmic load) max. 264 W (at 24 V DC)
62 W (at 48 V DC)
48 W (at 60 V DC)
52 W (at 110 V DC)
66 W (at 220 V DC)
2500 VA (for 250 V AC)
Switching capacity min. 120 mW
Switching capacity 2 A (at 24 V, DC13)
3 A (at 230 V, AC15)
Connection data 1
Connection name Coil side
Connection method Push-in connection
Stripping length 8 mm
Conductor cross section solid 0.14 mm² .....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RIF-1-RPT-LDP-24DC/1X21MS 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.