INDUSTRIAL COMPONENT DATA

# RIF-1-RPT-LV-24AC/1X21 2903341 PHOENIX CONTACT Relay Module

**Brand: PHOENIX CONTACT | Manufacturer Part Number: RIF-1-RPT-LV-24AC/1X21**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | RIF-1-RPT-LV-24AC/1X21 |
| Catalog number | 2903341 |
| Category | Switching relay |
| Minimum order | 10 Pcs |
| Document ID | EO-07DCC7FC2A |
| 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 type: 1 inverter contact. Input voltage: 24 V AC

STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

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|---|---|
| Catalog path | PHOENIX CONTACT > Industrial Relays |

## Additional Product Information

Key Commercial Data
Orderkey 2903341
Packing unit 10 pc
Minimum order quantity 10 pc
Catalog page Page 340 (C-5-2017)
GTIN 4046356732253
Weight per Piece (excluding packing) 68.000 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
Type of note Notes on operation
Note FBS 2-6... plug-in bridge for the input side (A2) and FBS-2-8... plug-in bridge for the output side (11/21)

Dimensions
Width 16 mm
Height 93 mm
Depth 75 mm
Ambient conditions
Ambient temperature (operation) -40 °C ... 50 °C
Ambient temperature (storage/transport) -40 °C ... 85 °C
Coil side
Nominal input voltage UN 24 V AC
Input voltage range in reference to UN see diagram
Mains frequency 50/60 Hz
Typical input current at UN 33 mA
Typical response time 3 ms ... 12 ms
Typical release time range 3 ms ... 20 ms
Coil voltage 24 V AC
Protective circuit Varistor
Operating voltage display Yellow LED
Power dissipation for nominal condition 0.79 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 25 A (20 ms, N/O contact)
Limiting continuous current 10 A (see diagram)
Interrupting rating (ohmic load) max. 240 W (at 24 V DC)
58 W (at 48 V DC)
48 W (at 60 V DC)
50 W (at 110 V DC)
80 W (at 220 V DC)
2500 VA (for 250 V AC)
Switching....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RIF-1-RPT-LV-24AC/1X21 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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