INDUSTRIAL COMPONENT DATA

RIF-2-RPT-LV-230AC/2X21 2903310 PHOENIX CONTACT Pre-assembled relay module with push-in connection, consisti..

Brand: PHOENIX CONTACT | Manufacturer Part Number: RIF-2-RPT-LV-230AC/2X21



Manufacturer	PHOENIX CONTACT
MPN / Reference	RIF-2-RPT-LV-230AC/2X21
Catalog number	2903310
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-3A6AAC82FA
Generated	2026-11-18

Product Overview

Pre-assembled relay module with push-in connection, consisting of: relay base, power contact relay, plug-in display/suppressor module, and retaining bracket. Contact type: 2 PDTs. Input voltage: 230 V AC
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: 2 investor contacts. Input voltage: 230 V AC

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

Dimensions
Width 31 mm
Height 96 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 230 V AC
Input voltage range in reference to UN see diagram

Mains frequency 50 Hz
60 Hz
Typical input current at UN 6.5 mA
Typical response time 5 ms ... 15 ms
Typical release time range 5 ms ... 20 ms
Coil voltage 230 V AC
Protective circuit Varistor
Operating voltage display Yellow LED
Contact side
Contact type 2 PDT
Contact material AgNi
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 5 V (At 24 mA)
Min. switching current 5 mA (at 24 V)
Maximum inrush current 30 A (20 ms, N/O contact)
Limiting continuous current 8.5 A (see diagram)
Interrupting rating (ohmic load) max. 204 W (at 24 V DC)
124 W (at 48 V DC)
108 W (at 60 V DC)
52 W (at 110 V DC)
48 W (at 220 V DC)
2125 VA (for 250 V AC)
Switching capacity in acc. with DIN VDE 0660/IEC 60947 2 A (at 24 V, DC13)
0.22 A (at 120 V, DC13)
0.11 A (at 250 V, DC13)
3 A (at 120 V, AC15)
1.5 A (at 240 V, AC15)
Connection data input side
Connection name Coil side
Connection method Push-in connection
Stripping length 8 mm
Conductor cross section solid 0.14 mm² ... 1.5 mm²
Conductor cross section flexible 0.14 mm² ... 1.5 mm²
0.14 mm² ... 1.5 mm² (Ferrule with plastic sleeve)
0.14 mm² ... 1.5 mm² (Ferrules without plastic sleeve)
Conductor cross section AWG 26 ... 16
General
Test voltage relay winding/relay contact 2...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RIF-2-RPT-LV-230AC/2X21 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.