INDUSTRIAL COMPONENT DATA

RIF-1-RPT-LV-230AC/1X21 2903339 PHOENIX CONTACT Pre-assembled relay module with push-in connection, consisti..

Brand: PHOENIX CONTACT | Manufacturer Part Number: RIF-1-RPT-LV-230AC/1X21



Manufacturer	PHOENIX CONTACT
MPN / Reference	RIF-1-RPT-LV-230AC/1X21
Catalog number	2903339
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-B6630A2400
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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: 1 PDT. 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: 1 inverter contact. 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 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 230 V AC
Input voltage range in reference to UN see diagram

Mains frequency 50 Hz
60 Hz
Typical input current at UN 6 mA
Typical response time 3 ms ... 12 ms
Typical release time range 3 ms ... 20 ms
Coil voltage 230 V AC
Protective circuit Varistor
Operating voltage display Yellow LED
Contact side
Contact type 1 PDT
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 capacity in acc. with DIN VDE 0660/IEC 60947 2 A (at 24 V, DC13)
0.2 A (at 110 V, DC13)
0.2 A (at 250 V, DC13)
6 A (at 24 V, AC15)
6 A (at 120 V, AC15)
6 A (at 250 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 mm² (Ferrule with plastic sleeve)
0.14 mm² ... 1.5 mm² (Ferrules without plastic sleeve)
Conductor cross section AWG 26 ... 16
General
Type of note Notes on operation...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / RIF-1-RPT-LV-230AC/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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