INDUSTRIAL COMPONENT DATA

PLC-RPT- 24DC/2X21/FG 2910537 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-RPT-24DC/2X21/FG



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-RPT-24DC/2X21/FG
Catalog number	2910537
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-EB71BF29E7
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Product Overview

Relay Module
PLC-INTERFACE, consisting of relay socket and plug-in safety relay with forced conduction contacts according to DIN EN 61810-3, Push-in connection, 2 inverter contacts, with forced guide, Free circulation diode, Input voltage: 24 VDC
PLC-INTERFACE, consisting of a relay base and plug-in safety relay with force-guided contacts in accordance with DIN EN 61810-3, Push-in connection, 2 changeover contacts, forcibly actuated, Freewheeling diode, 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

Technical dataProduct propertiesProduct type Relay Module
Product family PLC-INTERFACE
Application Forcibly guided contacts
Operating mode 100% operating factor
Mechanical service life approx. 107cycles
B10d 600000 Cycles (AC1; 250 V / 6 A; 1 NO)
900000 Cycles (AC1; 250 V / 3 A; 1 NO)
1800000 Cycles (AC1; 250 V / 1,5 A; 1 NO)
180000 Cycles (AC15; 250 V / 3 A; 1 NO)
560000 Cycles (AC15; 250 V / 2 A; 1 NO)
4600000 Cycles (AC15; 250 V / 0,75 A; 1 NO)

360000 Cycles (DC13; 24 V / 3 A; 1 NO)
740000 Cycles (DC13; 24 V / 1,5 A; 1 NO)
4200000 Cycles (DC13; 24 V / 0,75 A; 1 NO)
Data management status
Date of last data management 08.07.2024
Article revision 03
Insulation characteristics: Standards/regulations
Insulation Safe isolation, reinforced insulation
Overvoltage category III
Pollution degree 2
Electrical propertiesMaximum power dissipation for nominal condition 0.72 W
Test voltage (Winding/contact) 4 kVrms(50 Hz, 1 min., winding/contact)
Test voltage (Changeover contact/changeover contact) 2.5 kVrms(50 Hz, 1 min., changeover contact/changeover 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 20.2 V DC ... 32.4 V DC (20 °C)
Input voltage range in reference to UN see diagram
Nominal voltage (plugged-in electromechanical relay) 24 V DC
Drive and function monostable
Drive (polarity) polarized
Typical input current at UN 30 mA
Typical response time 10 ms
Typical release t...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-RPT-24DC/2X21/FG 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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