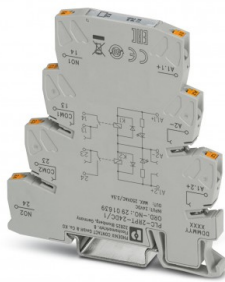


INDUSTRIAL COMPONENT DATA

PLC-2RPT-24DC/1 2901639 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-2RPT-24DC/1



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-2RPT-24DC/1
Catalog number	2901639
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-6C184534BE
Generated	2026-08-01

Product Overview

Relay Module

PLC-INTERFACE with two independent relays, consisting of PLC-BPT.../21 base terminal block with push-in connection and two integrated relays, power contact, for installation on NS 35/7.5 rail, 2 x 1 closing contact, 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 two integrated relays

Operating mode 100% operating factor

Mechanical service life 2x 10⁷cycles

Data management status

Date of last data management 16.09.2024

Article revision 08

Insulation characteristics: Air clearances and creepage distances between the power circuits

Insulation Basic insulation

Overvoltage category III

Pollution degree 2

Electrical propertiesMaximum power dissipation for nominal condition 0.17 W

Test voltage (Winding/contact) 3 kV AC (50 Hz, 1 min., winding/contact)

Test voltage (Contact/contact) 3 kV AC (50 Hz, 1 min., contact/contact)

Air clearances and creepage distances between the power circuits

Rated insulation voltage 250 V AC

Rated surge voltage 4 kV

Input dataCoil side

Nominal input voltage UN 24 V DC

Input voltage range 18 V DC ... 33.6 V DC (20 °C)

Drive and function monostable

Drive (polarity) polarized

Typical input current at UN 7 mA

Typical response time 4 ms

Typical release time 6 ms

Protective circuit Reverse polarity protection; Polarity protection diode

Surge protection; Freewheeling diode

Operating voltage display Yellow LED

Output dataSwitching

Contact switching type 2 N/O contacts

Type of switch contact Single contact

Note regarding the switch contact two integrated relays

Contact material AgNi

Maximum switching voltage 250 V AC

30 V DC

Minimum switching voltage 24 V AC/DC

Limiting continuous current 3.5 A

Maximum inrush current 5 A

Mi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-2RPT-24DC/1 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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