

INDUSTRIAL COMPONENT DATA

PLC-RSC-12DC/21/EX 2909522 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-RSC-12DC/21/EX



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-RSC-12DC/21/EX
Catalog number	2909522
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-A28AFD027E
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Product Overview

Relay Module

PLC-INTERFACE, consisting of a base terminal block for mounting on a 6.2 mm rail with screw connection and plug-in miniature relay with 6 A power contact, 1 switched contact, input voltage of 12 V DC. Approved according to ATEX/IECEx (zone 2) and Ex zone class I, div. 2.

PLC-INTERFACE, consisting of DIN-rail-mountable basic terminal block in 6.2 mm with screw connection and plug-in miniature relay with 6 A power contact, 1 changeover contact, 12 V DC input voltage. Approved according to ATEX/IECEx (Zone 2) and Ex Zone Class I, Div. 2.

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
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Additional Product Information

Technical dataNotesUtilization restriction

EMC note EMC: class A product, see manufacturer's declaration in the download area

Product propertiesProduct type Relay Module

Product family PLC-INTERFACE

Application Class I, Division 2

potentially explosive areas

Operating mode 100% operating factor

Mechanical service life 2x 10⁷cycles

Data management status

Date of last data management 01.08.2024

Article revision 02

Insulation characteristics: Standards/regulations

Overvoltage category III

Pollution degree 3

Electrical properties Maximum power dissipation for nominal condition 0.18 W

Test voltage (Winding/contact) 4 kV AC (50 Hz, 1 min., winding/contact)

Input data Coil side

Nominal input voltage UN 12 V DC

Input voltage range 9.72 V DC ... 16.8 V DC (20 °C)

Nominal voltage (plugged-in electromechanical relay) 12 V DC

Drive and function monostable

Drive (polarity) polarized

Typical input current at UN 15.3 mA

Typical response time 5 ms

Typical release time 8 ms

Protective circuit Reverse polarity protection; Polarity protection diode

Freewheeling diode; Freewheeling diode

Operating voltage display Yellow LED

Output data Switching

Contact switching type 1 changeover contact

Type of switch contact Single contact

Contact connection type Power contact

Contact material AgSnO

Maximum switching voltage 250 V AC/DC (The separating plate PLC-ATP should be installed for voltages larger than 250 V (L1, L2, L3) between identical terminal blocks in adjacent modules. Potential bridging is then c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-RSC-12DC/21/EX 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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