

INDUSTRIAL COMPONENT DATA

PLC-RPT- 24DC/21HC/MS 2910530 PHOENIX CONTACT Relay Module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PLC-RPT-24DC/21HC/MS



Manufacturer	PHOENIX CONTACT
MPN / Reference	PLC-RPT-24DC/21HC/MS
Catalog number	2910530
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-A77419133A
Generated	2026-08-02

Product Overview

Relay Module

PLC-INTERFACE, composed of socket relay and relay with plug-in power contact with manual activation, integrated status LED and free-flowing diode, push-in connection, 1 switch, Diode against inv. Polarity, Free-flowing diode, Input voltage: 24 VDC

PLC-INTERFACE, consisting of a relay base and pluggable power contact relay with manual operation, integrated status LED and freewheeling diode, Push-in connection, 1 changeover contact, Polarity protection diode, 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 Palm switch

High continuous currents

Operating mode 100% operating factor

Mechanical service life 5x 10⁶cycles

Data management status

Date of last data management 08.07.2024

Article revision 03

Insulation characteristics

Insulation Safe isolation, reinforced insulation

Overvoltage category III

Pollution degree 2

Electrical properties Maximum power dissipation for nominal condition 0.44 W

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

Rated insulation voltage 250 V AC

Rated surge voltage 6 kV

Input data Coil side

Nominal input voltage UN 24 V DC

Input voltage range 20.2 V DC ... 33.6 V DC (20 °C)

Nominal voltage (plugged-in electromechanical relay) 24 V DC

Drive and function monostable

Drive (polarity) polarized

Typical input current at UN 18 mA

Typical response time 10 ms

Typical release time 10 ms

Protective circuit Reverse polarity protection; Polarity protection diode

Surge protection; Freewheeling diode

Operating voltage display Yellow LED

Output data Switching

Contact switching type 1 changeover contact

Type of switch contact Single contact

Contact material AgNi

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 carried out with FBST 8-PLC... or ...FBST 500...)

Minimum switching voltage 12 V....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PLC-RPT-24DC/21HC/MS 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.