INDUSTRIAL COMPONENT DATA

PSR-PLC21-2CO-24DC-PT 1480212 PHOENIX CONTACT Safe coupling relay with forced guide contacts, with galvanic ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-PLC21-2CO-24DC-PT



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-PLC21-2CO-24DC-PT
Catalog number	1480212
Category	Switching relay
Minimum order	10 Pcs
Document ID	EO-8E1CA3040E
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Product Overview

Safe coupling relay with forced guide contacts, with galvanic separation, 2 switches, 1 channel, push-in connection, width: 14 mm
Coupling Relays
Safe coupling relay with force-guided contacts, electrically isolated, 2 changeover contacts, 1-channel, push-in connection, width: 14 mm

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 > Safety

Additional Product Information

Technical dataProduct propertiesProduct type Coupling relay
Product family PLC-INTERFACE
Application Forcibly guided contacts
Mechanical service life approx. 107cycles
Relay type Electromechanical relay in accordance with IEC/EN 61810
Insulation characteristics: Air clearances and creepage distances between the power circuits
Overvoltage category III
Pollution degree 2
Times
Typ. starting time with Us < 70 ms (when controlled via A1)
Typical release time < 50 ms (on demand via A1)

Recovery time 500 ms (following demand of the safety function)
Electrical propertiesMaximum power dissipation for nominal condition 4.825 W (UB= 30 V, US= 24 V, IS= 30 mA, IL^2 = 37 A, Rcontact= 0.1 ?)
Nominal operating mode 100% operating factor
Air clearances and creepage distances between the power circuits
Rated insulation voltage 250 V AC
Rated surge voltage/insulation Basic insulation 4 kV between all current paths and housing
Safe isolation, reinforced insulation 6 kV between 250 V load current paths and 24 V logic paths
Supply
Designation A1/A2
Rated control circuit supply voltage US 21.6 V DC ... 28.8 V DC
Rated control circuit supply voltage US 24 V DC -10 % / +20 %
Rated control supply current IS 30 mA
Inrush current typ. 100 mA (?t = 10 ms at Us)
Filter time 1 ms (Test pulse width, high test pulse and low test pulse)
1 s (Test pulse rate, high test pulse and low test pulse)
Power consumption at UD 650 mW (to US)
Protective circuit Serial protection against polarity reversal; Suppressor d...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-PLC21-2CO-24DC-PT with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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