INDUSTRIAL COMPONENT DATA

PSR-PS22-1NO-1NC-24VDC-SC 2702524 PHOENIX CONTACT Coupling relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-PS22-1NO-1NC-24VDC-SC



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-PS22-1NO-1NC-24VDC-SC
Catalog number	2702524
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-4CB5AA7F88
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Product Overview

Coupling relay
SIL 3 coupling relay for high and low demand applications, couples digital output signals to the periphery, 1 trip circuit, 1 acknowledgment circuit, Safe-State-Off applications, test pulse filter, fixed screw terminal block
Coupling relay for SIL 3 high and low-demand applications, couples digital output signals to the I/O, 1 enabling current path, 1 confirmation current path, safe state off applications, test pulse filter, fixed screw terminal block

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

Key Commercial Data
Orderkey 2702524
Packing unit 1 pc
Catalog page Page 282 (C-6-2017)
GTIN 4055626280240
Weight per Piece (excluding packing) 143.900 g
Custom tariff number 85364900
Country of origin DE (Germany)
Note
Utilization restriction EMC: class A product, see manufacturer's declaration in the download area
Dimensions

Width 6.8 mm
Height 93.1 mm
Depth 102.5 mm
Ambient conditions
Ambient temperature (operation) -40 °C ... 70 °C (observe derating)
Ambient temperature (storage/transport) -40 °C ... 85 °C
Max. permissible relative humidity (operation) 75 % (on average, 85% infrequently, non-condensing)
Max. permissible humidity (storage/transport) 75 % (on average, 85% infrequently, non-condensing)
Maximum altitude <= 2000 m (Above sea level)
Power supply
Rated control circuit supply voltage US 24 V DC -15 % / +10 % (A1/A2)
20.4 V DC ... 26.4 V DC
Rated control supply current IS typ. 45 mA
Power consumption at US typ. 1.08 W
Inrush current typ. 150 mA (?t s)
Filter time max. 3 ms (at A1-A2 in the event of voltage dips at Us)
max. 3 ms (at A1-A2; low test pulse width)
>= 50 ms (at A1-A2; low test pulse rate)
max. 17 ms (at A1-A2; high test pulse width)
>= 600 ms (at A1-A2; high test pulse rate)
Diagnostic supply voltage UD 24 V DC -15 % / +10 % (21/0V)
Input current at UD 6 mA (at the contacts 21/0V for UD; + 100 mA depending on load at contact 22)
Inrush current at UD typ. 200 mA (?t D)
Protective circuit Serial protection against polarity reversal 33 V suppressor diode (A...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-PS22-1NO-1NC-24VDC-SC 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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