INDUSTRIAL COMPONENT DATA

PSR-PS21-1NO-1NC-24DC-SC 2700357 PHOENIX CONTACT Coupling relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-PS21-1NO-1NC-24DC-SC



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-PS21-1NO-1NC-24DC-SC
Catalog number	2700357
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-50E369FB69
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Product Overview

Coupling relay
SIL 2 coupling relay for high and low demand applications, couples digital output signals to the periphery, 1 trip circuit, 1 acknowledgment circuit, 1 digital warning output, 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 2700357
Packing unit 1 pc
Catalog page Page 281 (C-6-2017)
GTIN 4046356912907
Weight per Piece (excluding packing) 136.400 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 ... 65 °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. 400 mA (?t s)
Filter time max. 2 ms (at A1-A2; test pulse width)
>= 100 ms (at A1-A2; test pulse rate)
Diagnostic supply voltage UD 24 V DC -15 % / +10 % (21/A2)
Input current at UD 6 mA (at 21-A2 for UD; depending on load + 100 mA at M1 and 22)
Inrush current at UD typ. 2.5 A (?t D)
Protective circuit Serial protection against polarity reversal Suppressor diode 33 V (A1/A2), 38 V (21/A2)
Relay outputs: enabling current path
Output name Enabling current path
Output description 1 N/O contact, without delay, floating
Number of output...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-PS21-1NO-1NC-24DC-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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