INDUSTRIAL COMPONENT DATA

PSR-PC50-1NO-1DO-24DC-SP 2904665 PHOENIX CONTACT Coupling relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-PC50-1NO-1DO-24DC-SP



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-PC50-1NO-1DO-24DC-SP
Catalog number	2904665
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-EB7A2A3C9F
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Product Overview

Coupling relay
Coupling relay for low demand SIL 3 applications, couples digital output signals to the periphery, 1 trip circuit, module for F&G applications, test pulse filter, width: 17.5 mm, plug-in push-in 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 2904665
Packing unit 1 pc
Catalog page Page 285 (C-6-2017)
GTIN 4046356919920
Weight per Piece (excluding packing) 212.400 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 17.5 mm
Height 117.4 mm

Depth 114.5 mm
Ambient conditions
Ambient temperature (operation) -20 °C ... 55 °C
Ambient temperature (storage/transport) -40 °C ... 65 °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. 65 mA (A1/A2)
Inrush current <= 200 mA (A1/A2)
Filter time < 2 ms (Test pulse duration)
>= 100 ms (Test pulse rate)
Diagnostic supply voltage UD 24 V DC -15 % / +10 % (24V/A2)
Input current at UD typ. 15 mA (24V/A2; depending on load M1 +100 mA)
Inrush current at UD 2.5 A (24V/A2; for 10 µs)
Protective circuit Overload protection Suppressor diode
Digital inputs
Number of inputs 3 (Test point for proof test)
Inrush current 200 mA (Inputs TP1, TP2 and TP3)
Current consumption typ. 20 mA (Input TP1)
typ. 18 mA (Input TP2)
typ. 35 mA (Input TP3)
Relay outputs: enabling current path
Output name Enabling current pat...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-PC50-1NO-1DO-24DC-SP with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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