INDUSTRIAL COMPONENT DATA

PSR-PC51-1NO-1NC-24DC-SP 2702523 PHOENIX CONTACT Coupling relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-PC51-1NO-1NC-24DC-SP



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-PC51-1NO-1NC-24DC-SP
Catalog number	2702523
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-22B6149F29
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Product Overview

Coupling relay
Coupling relay for galvanic separation and power matching for SIL 3 F&G applications, low demand, load diagnostics in the Off and On state over open circuit and short circuit, 1 trip circuit, test pulse filter, plug-in push-in terminal, width 17.5 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

Key Commercial Data
Orderkey 2702523
Packing unit 1 pc
Note Made to Order (non-returnable)
GTIN 4055626283371
Weight per Piece (excluding packing) 147.480 g
Custom tariff number 85364190
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) -25 °C ... 60 °C (observe derating)
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)
Air pressure (operation) 79 kPa ... 106 kPa
Air pressure (storage/transport) 79 kPa ... 106 kPa
Maximum altitude <= 2000 m (Above sea level)
Power supply
Rated control circuit supply voltage US 24 V DC -15 % / +10 %
20.4 V DC ... 26.4 V DC
Rated control supply current IS typ. 75 mA
Power consumption at US typ. 2 W (at US/UD; On state)
Inrush current max. 100 mA
Filter time 2 ms (at A1-A2 in the event of voltage dips at Us)
max. 2 ms (at A1-A2; low test pulse width)
>= 100 ms (at A1-A2; low test pulse rate)
max. 17 ms (at A1-A2; high test pulse width)
>= 800 ms (at A1-A2; high test pulse rate)
Diagnostic supply voltage UD 24 V DC -20 % / +25 %
Input current at UD 35 mA (at UD= 24 V)
45 mA (at UD= 19 V)
25 mA (at UD= 30 V)
Inrush current at UD 1.5 A (?t
Power consumption at U...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-PC51-1NO-1NC-24DC-SP 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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