

INDUSTRIAL COMPONENT DATA

PSR-SPP- 24DC/FSP/1X1/1X2 2981981 PHOENIX CONTACT

Coupling relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-SPP-24DC/FSP/1X1/1X2



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SPP-24DC/FSP/1X1/1X2
Catalog number	2981981
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-12353295BA
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Product Overview

Coupling relay

Coupling relay for low/high demand SIL 3 applications, couples digital output signals to the periphery, 1 trip circuit, 1 warning contact, module for Safe State Off applications, test pulse filter, fuse, 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 2981981

Packing unit 1 pc

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GTIN 4046356448345

Weight per Piece (excluding packing) 99.990 g

Custom tariff number 85364900

Country of origin DE (Germany)

Note

Utilization restriction 1

Dimensions

Width 17.5 mm

Height 112 mm

Depth 114.5 mm

Ambient conditions

Ambient temperature (operation) -20 °C ... 55 °C (observe derating)

Ambient temperature (storage/transport) -40 °C ... 70 °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)

Input data

Rated control circuit supply voltage US 24 V DC -15 % / +10 %

Rated control supply current IS typ. 55 mA

Power consumption at US typ. 1.32 W

Inrush current max. 100 mA

Typ. starting time with Us 50 ms

Typical release time 50 ms

Recovery time 1 s

Operating voltage display 1 x yellow LED

Protective circuit Surge protection Suppressor diode, 33 V (A1 - A2)

Maximum switching frequency 0.5 Hz

Filter time max. 5 ms (at A1 in the event of voltage dips at Us)

max. 2 ms (Test pulse width; high test pulse at A1/A2)

≥ 100 ms (Test pulse width; high test pulse at A1/A2)

Test pulse rate = 80 x Test pulse width

max. 5 ms (Test pulse width; low test pulse at A1/A2)

≥ 50 ms (Test pulse rate; low test pulse at A1/A2)

Test pulse rate = 15 x Test pulse width

Output data

Contact type 1 enabling current path

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REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SPP-24DC/FSP/1X1/1X2 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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