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-E839BC2CE8
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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
Catalog page Page 286 (C-6-2017)
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
1 con...

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.

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