

INDUSTRIAL COMPONENT DATA

PSR-SPP- 24UC/THC4/2X1/1X2 2963983 PHOENIX CONTACT

Safety relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-SPP-24UC/THC4/2X1/1X2



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SPP-24UC/THC4/2X1/1X2
Catalog number	2963983
Category	Two-hand control relay
Minimum order	1 Pcs
Document ID	EO-C6ADF746BA
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Product Overview

Safety relays

Safety relay for two-hand control systems according to ISO 13851 type IIIC up to SIL 3 or cat. 4, PL e according to EN ISO 13849, synchronous transmission monitoring < 0.5 s, 2 NO contacts, 1 NC contact, safe spacing, width: 22.5 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
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Additional Product Information

Key Commercial Data

Orderkey 2963983

Packing unit 1 pc

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GTIN 4017918904807

Weight per Piece (excluding packing) 192.900 g

Custom tariff number 85371098

Country of origin DE (Germany)

Note

Utilization restriction EMC: class A product, see manufacturer's declaration in the download area

Dimensions

Width 22.5 mm

Height 112 mm

Depth 114.5 mm

Ambient conditions

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

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 max. 2000 m (Above sea level)

Input data

Nominal input voltage UN 24 V AC/DC

Input voltage range 20.4 V AC/DC ... 26.4 V AC/DC

Input voltage range in reference to UN 0.85 ... 1.1

Typical input current at UN 125 mA AC

60 mA DC

Voltage at input/start and feedback circuit approx. 24 V DC

Typical response time 50 ms

Typical release time 20 ms

Concurrence input 1/2 < 0.5 s

Recovery time 1 s

Operating voltage display Green LED

Status display Green LED

Protective circuit Fuse PTC resistor

Surge protection Suppressor diode

Output data

Contact type 2 enabling current paths

1 signaling current path

Contact material AgSnO₂, + 0.2 µm Au

Maximum switching voltage 250 V AC/DC

Minimum switching voltage 15 V AC/DC

Limiting continuous current 6 A (N/O contact)

5 A (N/C contact)

Maximum inrush c...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SPP-24UC/THC4/2X1/1X2 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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