INDUSTRIAL COMPONENT DATA

PSR-SCP- 24UC/THC4/2X1/1X2 2963721 PHOENIX CONTACT Safety relays

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SCP-24UC/THC4/2X1/1X2
Catalog number	2963721
Category	Two-hand control relay
Minimum order	1 Pcs
Document ID	EO-8D4B4D2B7E
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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 screw 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 2963721
Packing unit 1 pc
Catalog page Page 262 (C-6-2017)
GTIN 4017918818692
Weight per Piece (excluding packing) 193.300 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 99 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 cu...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SCP-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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