INDUSTRIAL COMPONENT DATA

PSR-SPP- 24UC/ESA2/4X1/1X2/B 2963954 PHOENIX CONTACT Safety relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-SPP-24UC/ESA2/4X1/1X2/B



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SPP-24UC/ESA2/4X1/1X2/B
Catalog number	2963954
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-4A7D14567B
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Product Overview

Safety relays
Safety relay for emergency stop and safety door up to SIL 1, category 1, PL c, depending on the application up to SIL 3, category 4, PL e, single-channel operation, 4 enabling circuits, US = 24 V DC, 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 2963954
Packing unit 1 pc
Catalog page Page 260 (C-6-2017)
GTIN 4017918904821
Weight per Piece (excluding packing) 194.380 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 ... 65 °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 AC/DC -15 % / +10 %
Rated control supply current IS typ. 140 mA AC
typ. 65 mA DC
Power consumption at US typ. 3.36 W (AC)
typ. 1.56 W (DC)
Inrush current 2 A (?t = 10 ms at Us)
< 40 mA (with Us/Ixto S34)
Current consumption < 50 mA (with Us/Ixto S12)
0 mA (with Us/Ixto S34)
Voltage at input/start and feedback circuit 24 V DC -15 % / +10 %
Typical response time < 65 ms (automatic start)
< 40 ms (manual start)
Typ. starting time with Us < 65 ms (when controlled via A1)
Typical release time < 45 ms (when controlled via S12)
< 200 ms (when controlled via A1)
Recovery time < 1 s
Operating voltage display 1 x green LED
Status display 2 x green LEDs
Protective circuit Surge protection...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SPP-24UC/ESA2/4X1/1X2/B 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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