

INDUSTRIAL COMPONENT DATA

PSR-SPP- 24UC/ESAM4/3X1/1X2/B 2900510 PHOENIX CONTACT Safety relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-SPP-24UC/ESAM4/3X1/1X2/B



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SPP-24UC/ESAM4/3X1/1X2/B
Catalog number	2900510
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-18B9580072
Generated	2026-08-05

Product Overview

Safety relays

Safety relay for emergency stop control and safety doors up to SIL 3 or category 4, PL e according to EN ISO 13849, two-channel operation, 3 trip circuits, nominal input voltage: 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 2900510

Packing unit 1 pc

Catalog page Page 260 (C-6-2017)

GTIN 4046356513784

Weight per Piece (excluding packing) 137.480 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 ≤ 2000 m (Above sea level)

Input data

Rated control circuit supply voltage US

Nominal input voltage UN 24 V AC/DC

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

Typical input current at UN 140 mA AC

65 mA DC

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

Typical response time 20 ms (man. start)

Typical release time 45 ms (single-channel)

10 ms (two-channel)

Concurrence input 1/2 ?

Recovery time 1 s

Operating voltage display Green LED

Status display Green LED

Protective circuit Surge protection Suppressor diode

Max. permissible overall conductor resistance approx. 50 ? (Input and start circuits at UN)

Output data

Contact type 3 enabling current paths

1 signaling current path

Contact material AgSnO₂, + 0.2 µm Au

Maximum switching voltage 250 V AC/DC

Minimum swit...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SPP-24UC/ESAM4/3X1/1X2/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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.