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**



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|---|---|
| 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-B50842BE94 |
| Generated | 2026-11-18 |

## 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

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|---|---|
| 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.



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