

## INDUSTRIAL COMPONENT DATA

# PSR-SCP-24DC/MXF4/4X1/2X2/B 2903260 PHOENIX CONTACT

## Safety relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-SCP-24DC/MXF4/4X1/2X2/B



|                 |                                                  |
|-----------------|--------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                  |
| MPN / Reference | PSR-SCP-24DC/MXF4/4X1/2X2/B                      |
| Catalog number  | 2903260                                          |
| Category        | Device for monitoring of safety-related circuits |
| Minimum order   | 1 Pcs                                            |
| Document ID     | EO-C706A87B13                                    |
| Generated       | 2026-08-05                                       |

## Product Overview

### Safety relays

Multifunctional safety relay for emergency stop, protection doors and light grids up to SIL 3, Cat. 4, PL e, automatically or manually monitored activation, 4 NO contacts, 3 safety functions, 2 disconnect levels, plug-in screw terminals

## 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 2903260

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356729246

Weight per Piece (excluding packing) 99.990 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 112.2 mm

Depth 114.5 mm

Ambient conditions

Ambient temperature (operation) -20 °C ... 45 °C (see derating curve)

Ambient temperature (storage/transport) -25 °C ... 85 °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 DC

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

Typical input current at UN 125 mA (with actuated relays)

55 mA (Two-channel 24 V/0 V + max. 200 mA control (message outputs 32/62) with non-actuated relays)

Current consumption typ. 5 mA (I<sub>max</sub>/I<sub>xin</sub>inputs)

20 mA (in electric torque)

Voltage at input/start and feedback circuit 24 V -15 %; +10 % (first channel: 24 V; second channel: 0 V)

Typical response time 175 ms (monitored/manual start)

250 ms (automatic start)

Typ. starting time with Us 250 ms (when controlled via A1)

Typical release time 25 ms (when controlled via S11/S12 and S21/S22)

20 ms (when controlled v...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SCP-24DC/MXF4/4X1/2X2/B with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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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