

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
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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
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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_{max}/I_{xinputs})

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 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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