

INDUSTRIAL COMPONENT DATA

PSR-SCP- 24DC/ESD/4X1/30 2981800 PHOENIX CONTACT

Safety relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-SCP-24DC/ESD/4X1/30



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SCP-24DC/ESD/4X1/30
Catalog number	2981800
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
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Product Overview

Safety relays

Safety relay for emergency stop and protective door control up to SIL 3 or cat. 4, PL e according to EN ISO 13849, automatic or manual activation, 2 NO contacts with switch-off delay from 0.1 to 30 s, plug-in screw 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 2981800

Packing unit 1 pc

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GTIN 4046356117968

Weight per Piece (excluding packing) 198.900 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 99 mm

Depth 114.5 mm

Ambient conditions

Ambient temperature (operation) -20 °C ... 45 °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 DC

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

Typical input current at UN 75 mA DC

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

Typical response time 150 ms (Monitored/manual and auto-start)

Typical release time 20 ms (Undelayed contacts)

100 ms (delayed contacts)

Typical release time range 0.1 s ... 30 s

Recovery time 330 ms (Restart)

1 s (Electric torque)

Operating voltage display Green LED

Status display LED K1/K2 and K3(t)/K4(t), green

Protective circuit Suppressor diode, 33 V DC

Max. permissible overall conductor resistance 500 ? (Input and reset circuit at UN)

Output data

Contact type 4 enabling current paths

Contact material AgSnO₂

Maximum sw...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SCP-24DC/ESD/4X1/30 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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