INDUSTRIAL COMPONENT DATA

PSR-SPP- 24DC/ESD/5X1/1X2/T10S 2981509 PHOENIX CONTACT Safety relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-SPP-24DC/ESD/5X1/1X2/T10S



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SPP-24DC/ESD/5X1/1X2/T10S
Catalog number	2981509
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-650C418103
Generated	2026-11-19

Product Overview

Safety relays
Safety relay for emergency stop monitoring and safety doors up to SIL 3 or cat. 4, PLe according to EN ISO 13849, automatic or manual activation, 3 NO contacts, 1 NC contact, 2 NO contacts with 10.0 s disconnect delay, 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 2981509
Packing unit 1 pc
GTIN 4017918981105
Weight per Piece (excluding packing) 452.000 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 45 mm
Height 112 mm

Depth 114.5 mm
Ambient conditions
Ambient temperature (operation) -20 °C ... 55 °C (observe derating)
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 24 V DC -15 % / +10 %
Rated control supply current IS typ. 150 mA
Power consumption at US typ. 3.6 W
Inrush current 200 mA (at US)
< 40 mA (with Us/Ixto S10)
< 150 mA (with Us/Ixto S12)
> -60 mA (with Us/Ixto S22)
< 40 mA (with Us/Ixto S34)
< 40 mA (with Us/Ixto S35)
Current consumption < 40 mA (with Us/Ixto S10)
< 40 mA (with Us/Ixto S12)
> -40 mA (with Us/Ixto S22)
0 mA (with Us/Ixto S34)
< 5 mA (with Us/Ixto S35)
Voltage at input/start and feedback circuit 24 V DC -15 % / +10 %
Typical response time < 600 ms (automatic start)
< 70 ms (manual start)
Typ. starting time with Us < 600 ms (when controlled via A1)
Typical release time < 20 ms (when controlled via S11/S12 and S21/S22)
< 20 ms (when controlled via A1)
Con...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SPP-24DC/ESD/5X1/1X2/T10S 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.