INDUSTRIAL COMPONENT DATA

PSR-SPP- 24DC/ESD/4X1/30 2981813 PHOENIX CONTACT Safety relays

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SPP-24DC/ESD/4X1/30
Catalog number	2981813
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-DDBFF50F46
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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, 2 NO contacts with 0.1 s disconnect delay ... 30 s, 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 2981813
Packing unit 1 pc
Catalog page Page 261 (C-6-2017)
GTIN 4046356117265
Weight per Piece (excluding packing) 166.880 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 ... 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 50 ? (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-SPP-24DC/ESD/4X1/30 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

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.