INDUSTRIAL COMPONENT DATA

PSR-SPP-230AC/ESAM2/3X1/1X2/B 2901431 PHOENIX CONTACT Safety relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-SPP-230AC/ESAM2/3X1/1X2/B



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SPP-230AC/ESAM2/3X1/1X2/B
Catalog number	2901431
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-0EDAD74E1F
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Product Overview

Safety relays
Safety relay for emergency stop and safety doors up to SIL 1, SIL CL 1, cat. 1, PL c, depending on the application up to SIL 3, SIL CL 3, cat. 4, PL e, single-channel operation, 3 trip circuits, nominal input voltage 230 V AC/DC, 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 2901431
Packing unit 1 pc
Catalog page Page 260 (C-6-2017)
GTIN 4046356592178
Weight per Piece (excluding packing) 99.900 g
Custom tariff number 85371098
Country of origin DE (Germany)
Note
Utilization restriction 1
Dimensions
Width 22.5 mm

Height 112 mm
Depth 114.5 mm
Ambient conditions
Ambient temperature (operation) -25 °C ... 55 °C
Ambient temperature (storage/transport) -40 °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 230 V AC
Input voltage range in reference to UN 0.85 ... 1.1
Typical input current at UN 22 mA
Voltage at input/start and feedback circuit ~ 24 V DC
Typical response time 50 ms (manual start)
300 ms (automatic start)
Typ. starting time with Us 300 ms (when controlled via A1 or S11/S12)
Typical release time 20 ms (when controlled via S11/S12)
150 ms (when controlled via A1)
Recovery time 1 s
Operating voltage display Green LED
Status display 2 x green LEDs
Protective circuit Surge protection Suppressor diode
Surge protection Varistor
Maximum switching frequency 0.5 Hz
Max. permissible overall conductor resistance 50 ?
Output data
Contact type 3 enabling current paths
1 signaling current path
Contact material AgSnO2, gold-flashed
Maximum switching vo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SPP-230AC/ESAM2/3X1/1X2/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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