INDUSTRIAL COMPONENT DATA

PSR-SCP- 24UC/ESL4/3X1/1X2/B 2981059 PHOENIX CONTACT Safety relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-SCP-24UC/ESL4/3X1/1X2/B



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SCP-24UC/ESL4/3X1/1X2/B
Catalog number	2981059
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-E8FC009175
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Product Overview

Safety relays
Safety relay for emergency stop control, protection gate and light barrier up to SIL 3 or cat. 4, PL e according to EN ISO 13849, single or two channels, 3 trip circuits, nominal input voltage 24 V AC/DC, 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

Additional Product Information

Key Commercial Data
Orderkey 2981059
Packing unit 1 pc
Catalog page Page 262 (C-6-2017)
GTIN 4017918927202
Weight per Piece (excluding packing) 193.900 g
Custom tariff number 85371098
Country of origin DE (Germany)
Note
Utilization restriction 1
Dimensions
Width 22.5 mm
Height 99 mm

Depth 114.5 mm
Ambient conditions
Ambient temperature (operation) -20 °C ... 55 °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
Nominal input voltage UN 24 V AC/DC
Input voltage range in reference to UN 0.85 ... 1.1
Typical input current at UN 150 mA AC
70 mA DC
Voltage at input/start and feedback circuit approx. 24 V DC
Typical response time 25 ms (manual start)
100 ms (automatic start)
Typical release time 10 ms
Concurrence input 1/2 ?
Recovery time 1 s
Operating voltage display Green LED
Status display Green LED
Protective circuit Fuse PTC resistor
Surge protection Suppressor diode
Output data
Contact type 3 enabling current paths
1 signaling current path
Contact material AgSnO2, + 0.2 µm Au
Maximum switching voltage 250 V AC/DC
Minimum switching voltage 15 V AC/DC
Limiting continuous current 6 A
Maximum inrush current 6 A
Inrush current, minimum 25 mA
Sq. Total current 72 A2(ITH2= I12+ I22+ I32)
Interrupting rating (ohmic load) max.....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SCP-24UC/ESL4/3X1/1X2/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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