

INDUSTRIAL COMPONENT DATA

PSR-SCP- 24UC/ESM4/3X1/1X2/B 2963776 PHOENIX CONTACT Safety relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-SCP-24UC/ESM4/3X1/1X2/B



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SCP-24UC/ESM4/3X1/1X2/B
Catalog number	2963776
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-F0096FD6DC
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Product Overview

Safety relays

Safety relay for emergency stop control and safety doors up to SIL 3 or category 4, PL e according to EN ISO 13849, two-channel operation, 3 trip circuits, nominal input voltage 24 V DC, 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 2963776

Packing unit 1 pc

Catalog page Page 21 (IF-2009)

GTIN 4017918823627

Weight per Piece (excluding packing) 193.000 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 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

Maximum altitude ≤ 2000 m (Above sea level)

Input data

Rated control circuit supply voltage US

Nominal input voltage UN 24 V AC/DC

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

Typical input current at UN 140 mA AC

65 mA DC

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

Typical response time 20 ms (Monitored/manual start)

Typical release time 45 ms (single-channel)

10 ms (two-channel)

Concurrence input 1/2 ?

Recovery time 1 s

Operating voltage display Green LED

Status display Green LED

Protective circuit Surge protection Suppressor diode

Max. permissible overall conductor resistance approx. 50 ? (Input and start circuits at UN)

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 (N/O contact)

Maximum inrush current 6 A

Inrush current, minimum 25 mA

Sq. Total current 72 A₂(I_{TH2}= I₁₂+ I₂₂+ I₃₂)

Interrupting ra...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SCP-24UC/ESM4/3X1/1X2/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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