

INDUSTRIAL COMPONENT DATA

PSR-SCP- 24UC/ESAM4/8X1/1X2 2963912 PHOENIX CONTACT

Safety relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-SCP-24UC/ESAM4/8X1/1X2



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SCP-24UC/ESAM4/8X1/1X2
Catalog number	2963912
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
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Product Overview

Safety relays

Safety relay for emergency stop monitoring and safety doors up to SIL 3 or category 4, PL e according to EN ISO 13849, single-channel or two-channel operation, 8 trip circuits, US = 24 V DC, plug-in screw terminal

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 2963912

Packing unit 1 pc

Catalog page Page 260 (C-6-2017)

GTIN 4017918899707

Weight per Piece (excluding packing) 429.000 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 99 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 AC/DC -15 % / +10 %

Rated control supply current IS typ. 177 mA AC

typ. 93 mA DC

Power consumption at US typ. 4.25 W (AC)

typ. 2.23 W (DC)

Inrush current 2 A ($\tau = 10$ ms at U_s)

< 60 mA (with U_s/I_{xt} S10)

< 110 mA (with U_s/I_{xt} S12)

> -110 mA (with U_s/I_{xt} S22)

< 60 mA (with U_s/I_{xt} S34)

< 60 mA (with U_s/I_{xt} S35)

Current consumption < 50 mA (with U_s/I_{xt} S10)

< 50 mA (with U_s/I_{xt} S12)

> -50 mA (with U_s/I_{xt} S22)

0 mA (with U_s/I_{xt} S34)

0 mA (with U_s/I_{xt} S35)

Voltage at input/start and feedback circuit 24 V DC -15 % / +10 %

Typical response time < 380 ms (automatic start)

< 60 ms (manual start)

Typ. starting time with U_s < 500 ms (when controlled via A1)

Typical release time < 20...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SCP-24UC/ESAM4/8X1/1X2 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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