

INDUSTRIAL COMPONENT DATA

PSR-SCP- 24DC/URM4/5X1/2X2/B 1442344 PHOENIX CONTACT Contact expansion 1 or 2 channels, 5 NO contacts, 1 NC ..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-SCP-24DC/URM4/5X1/2X2/B



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SCP-24DC/URM4/5X1/2X2/B
Catalog number	1442344
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
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Product Overview

Contact expansion 1 or 2 channels, 5 NO contacts, 1 NC contact, 1 feedback circuit, together with base equipment safe separation up to cat. 4 PL e according to EN ISO 13849, width: 22.5 mm, plug-in screw terminal block

Extension of 1 or 2 channel contacts, 5 NO contacts, 1 NC contact, 1 feedback loop, together with base equipment safe separation up to cat.4 PL e depending on EN ISO 13849, width: 22.5mm, plug-in screw terminal

Expand. Cont. 1 or 2 channels, 5 cont. in closing, 1 cont. in apert., 1 retro-action circuit, together with the base unit up to cat. 4 PL e in accordance with EN ISO 13849 safe separation, width: 22.5 mm, 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

Technical dataArticle featuresProduct Type Safety Relays

Product Family PSRclassic

Application Expansion module

Mechanical life 10x 10⁶Manoeuvring cycles

Relay Type Electromagnetic relay with forcibly guided contacts according to IEC/EN 61810-3

Times

Tip. Excitation time with $U_s < 25$ ms (U_s /command via A1)Typical Drop-Out Time < 20 ms (U_s /command via A1)

Reset Time < 1 s

Electrical characteristics Maximum power dissipation under nominal conditions 16.6 W (US= 26.4 V, IL² = 72 A², P_{Total} max= 2.2 W + 14.4 W)

Duty cycle report 100 % ED

Air and surface distances between circuits

Rated insulation voltage 250 V

Impulse voltage sizing/isolation See chapter Insulation coordination

Input Data Digital: A1

Entrance description Security-oriented

Number of inputs 1

Signal input range "1" 19.2 V ... 26.4 V

Max. permissible cable resistance 25 ?

Protection Circuit Diode Suppressor

Current consumption tip. 75 mA

Output Data Relay: Safety Contacts (23/24 ... 63/64)

Output Description each 2 NO in series, safe, potential-free

Number of outputs 5

Contact Switching Type 5 safety contacts

Contact material AgSnO₂

Switchable voltage Min. 10 V

max. 250 V AC/DC

Switchable power Min. 100 mW

Instantaneous current Min. 10 mA

max. 20 A (<= 100 ms)

Breaking capacity IEC 60947-5-1 3 A (AC15)

5 A (DC13)

Permanent Load Current 6 A (take into account derating)

arit. Total current 72 A₂ (take into account derating)

Switching frequency max. 1 Hz

Mechanical life 10x 10⁶ Manoeuvring cycles

Output fuse 10 A gL/gG

4 A...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SCP-24DC/URM4/5X1/2X2/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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