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
Document ID	EO-AD8BEEEFBC
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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 PLe depending on ENISO13849, 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 Us < 25 ms (Us/command via A1)
Typical Drop-Out Time < 20 ms (Us/command via A1)

Reset Time < 1 s
Electrical characteristicsMaximum power dissipation under nominal conditions 16.6 W (US= 26.4 V, IL^2 = 72 A^2, PTotal 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 DataDigital: 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 DataRelay: 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 106Manoeuvring 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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