

INDUSTRIAL COMPONENT DATA

PSR-SCP- 24DC/URM4/5X1/2X2 1442021 PHOENIX CONTACT

Expansion of 1 or 2 channel contacts, 5 NO contacts, 1 NC..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SCP-24DC/URM4/5X1/2X2
Catalog number	1442021
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
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Product Overview

Expansion of 1 or 2 channel contacts, 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: 35 mm, 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
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Additional Product Information

Technical dataItem PropertiesProduct Type Safety Relay

Product Family PSRclassic

application Expansion module

Mechanical service life approx.107Status Change Periodicities

Relay Type Electromechanical relay with forced conduction contacts according to IEC/EN 61810-3

Times

Typical Excitation Time with $U_s < 25$ ms (with U_s /with excitation via A11/A12)

Typical Opening Time < 20 ms (with U_s /with excitation via A11/A12)

Recovery Time < 1 sec

Electrical PropertiesMaximum Dissipated Power with Nominal Condition 16.7 W ($U_s = 26.4$ V, $I_L^2 = 72$ A², $P_{Total Max} = 2.3$ W + 14.4 W)

Nominal Operating Type Working time 100%

Creepage lines and air gaps between circuits

Sizing Insulation Voltage 250 V

250 V

Sizing/Insulation Transient Voltage See the chapter Coordination of insulations

Input dataDigital: A11, A12

Ticket Description Safety-oriented

Number of Entries 2

Input Voltage Range Signal "1" 19.2 V ... 26.4 V DC

Total permissible line resistance max. 50 ?

Protection Circuit Suppressor diode

Current absorption Typ. 39 mA

Output DataRelay: Trip circuits (23/24 ... 63/64)

Description of the output each 2 NO in series, safety-oriented, potential-free

Number of outputs 5

Contact Switching Type 5 Release Intensity Circuits

Contact Material AgSnO2

Switching voltage min. 10 V

max. 250 V AC

Min. switching power min. 100 mW

Input current min. 10 mA

max. 6 A

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

5 A (DC13)

Constant Current Limit 6 A (observe derating)

Square. Current Sum 72 A2(observe...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SCP-24DC/URM4/5X1/2X2 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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