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
Document ID	EO-658316DA19
Generated	2026-11-19

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

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 Us < 25 ms (with Us/with excitation via A11/A12)
Typical Opening Time < 20 ms (with Us/with excitation via A11/A12)
Recovery Time < 1 sec
Electrical PropertiesMaximum Dissipated Power with Nominal Condition 16.7 W (Us= 26.4 V, I_L^2 = 72 A^2, PTotal 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

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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