INDUSTRIAL COMPONENT DATA

PSR-SPP- 24DC/URM4/5X1/2X2/B 1442342 PHOENIX CONTACT Extension of 1 or 2 channel contacts, 5 normally open c..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SPP-24DC/URM4/5X1/2X2/B
Catalog number	1442342
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-BB3B2E1D26
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Product Overview

Extension of 1 or 2 channel contacts, 5 normally open contacts, 1 normally closed contact, 1 feedback circuit, together with base equipment up to category 4 PL e according to EN ISO 13849, safe spacing, width: 22.5 mm, plug-in push-in 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 10x 106operations
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 A1)
Typical Opening Time < 20 ms (with Us/with excitation via A1)
Recovery Time < 1 sec
Electrical PropertiesNominal Operating Type Working time 100%
Creepage lines and air gaps between circuits

Sizing Insulation Voltage 250 V
Sizing/Insulation Transient Voltage See the chapter Coordination of insulations
Input dataDigital: A1
Ticket Description Safety-oriented
Number of Entries 1
Input Voltage Range Signal "1" 19.2 V ... 26.4 V
Total permissible line resistance max. 25 ?
Protection Circuit Suppressor diode
Current absorption Typ. 75 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/DC
Min. switching power min. 100 mW
Input current min. 10 mA
max. 20 A (<= 100 ms)
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 derating)
Switching frequency max. 1 Hz
Mechanical service life 10x 106operations
Output fuse 10 A gL/gG
4 A gL/gG (for low-demand applica...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SPP-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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