INDUSTRIAL COMPONENT DATA

PSR-SPP- 24DC/URM4/5X1/2X2 1442026 PHOENIX CONTACT Extension of 1 or 2 channel contacts, 5 normally open con..

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SPP-24DC/URM4/5X1/2X2
Catalog number	1442026
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-FBB9B4FD8C
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Product Overview

Extension of 1 or 2 channel contacts, 5 normally open contacts, 1 normally closed contact, 1 feedback loop, together with base equipment up to category 4 PL e according to EN ISO 13849, safe separation, width: 35 mm, plug-in push-in terminal block

Single-channel or two-channel contact extension, 5 N/O contacts, 1 N/C contact, 1 confirmation current path, together with basic device up to Cat. 4 PL e in accordance with EN ISO 13849 safe isolation, width: 35 mm, pluggable 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 dataProduct propertiesProduct type Safety relays
Product family PSRclassic
Application Extension module
Mechanical service life approx. 107cycles
Relay type Electromechanical relay with force-guided contacts in accordance with IEC/EN 61810-3
Times
Typ. starting time with Us < 25 ms (at Us / when controlled via A11/A12)
Typical release time < 20 ms (at Us / when controlled via A11/A12)
Recovery time < 1 s
Electrical propertiesMaximum power dissipation for nominal condition 16.7 W (US= 26.4 V, I_L^2 = 72 A^2, PTotal max= 1.4 W

+ 14.4 W)
Nominal operating mode 100% operating factor
Air clearances and creepage distances between the power circuits
Rated insulation voltage 250 V
250 V
Rated surge voltage/insulation See section “Insulation coordination”
Input dataGeneral
Maximum switching frequency 1 Hz
Digital: A11, A12
Description of the input safety-related
Number of inputs 2
Input voltage range "1" signal 19.2 V ... 26.4 V DC
Max. permissible overall conductor resistance 50 ?
Protective circuit Suppressor diode
Current consumption typ. 39 mA
Output dataRelay: Enabling current paths (23/24 ... 63/64)
Output description 2 N/O contacts each in series, safety-related, floating
Number of outputs 5
Contact switching type 5 enabling current paths
Contact material AgSnO2
Switching voltage min. 10 V
max. 250 V AC
Switching capacity min. 100 mW
Inrush current min. 10 mA
max. 6 A
Switching capacity in accordance with IEC 60947-5-1 3 A (AC15)
5 A (DC13)
Limiting continuous current 6...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SPP-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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