

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-F7B5FFA8B2
Generated	2026-08-05

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
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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 $U_s < 25$ ms (at U_s / when controlled via A11/A12)

Typical release time < 20 ms (at U_s / when controlled via A11/A12)

Recovery time < 1 s

Electrical propertiesMaximum power dissipation for nominal condition 16.7 W ($U_s = 26.4$ V, $I_L^2 = 72$ A², $P_{Total\ max} = 1.4$ 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

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