INDUSTRIAL COMPONENT DATA

PSR-SPP-24DC/URML4/3X1/1X2/B 2903584 PHOENIX CONTACT Extension module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-SPP-24DC/URML4/3X1/1X2/B



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SPP-24DC/URML4/3X1/1X2/B
Catalog number	2903584
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-EB5443F580
Generated	2026-11-19

Product Overview

Extension module
Contact extension 1 channel or 2 channel for OSSD signals (e.g. light curtain), 3 NO contacts, 1 NC contact, up to cat.4PLe depending on EN@ISO13849, SIL3 depending on EN62061, plug-in push-in terminal, width: 22.5mm
1- or 2-channel contact extension for OSSD signals (e.g., light grid), 3 N/O contacts, 1 N/C contact, up to Cat. 4 PL e in accordance with EN ISO 13849, SIL 3 in accordance with EN IEC 62061, pluggable Push-in terminal block, width: 22.5 mm

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 dataNotesNote on application
Note on application Only for industrial use
Product 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
Data management status
Article revision 06
Times
Typical response time 125 ms (For Usautostart)

Typical release time 10 ms (on demand via the sensor circuit)
Recovery time 1 s (following demand of the safety function)
Electrical propertiesMaximum power dissipation for nominal condition 16.44 W (US= 26.4 V, IL^2 = 72 A^2, PTotal max= 2.04 W + 14.4 W)
Nominal operating mode 100% operating factor
Air clearances and creepage distances between the power circuits
Rated insulation voltage 250 V
Rated surge voltage/insulation 4 kV / Basic isolation, (safe isolation, reinforced insulation and 6 kV between input circuit and enabling current paths.)
Input dataDigital: Logic (S12, S22)
Description of the input safety-related
Number of inputs 2
Input voltage range "0" signal 0 V DC ... 5 V DC
Input voltage range "1" signal 20.4 V ... 26.4 V
Input current range "0" signal 0 mA ... 2 mA
Inrush current max. 110 mA (typically with US, ?t = 3 ms)
Filter time max. 2 ms (Test pulse width low test pulses, at 100 ms test pulse rate)
No brightness test pulses / high test pulses permitted.
Concurrence ?
Max. permissible overall conductor resistance 50 ?
Protective circuit Suppressor di...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SPP-24DC/URML4/3X1/1X2/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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