INDUSTRIAL COMPONENT DATA

PSR-SPP- 24UC/URM/3X1/3X2 2981842 PHOENIX CONTACT Coupling relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-SPP-24UC/URM/3X1/3X2



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-SPP-24UC/URM/3X1/3X2
Catalog number	2981842
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-B96F003FA1
Generated	2026-11-18

Product Overview

Coupling relay
Safe coupling relay with forced-conduction contacts, 3 NO contacts, 3 NC contacts, width: 22.5 mm, plug-in push-in terminal block
Safe coupling relay with force-guided contacts, 3 N/O contacts, 3 N/C contacts, width: 22.5 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 dataNotesNote on application
Note on application Only for industrial use
Product propertiesProduct type Coupling relay
Product family PSRclassic
Application Safe switch off
High demand
Low demand
Mechanical service life 10x 106cycles
Relay type Electromechanical relay with force-guided contacts in accordance with IEC/EN 61810-3
Data management status
Article revision 06

Times
Restart time < 1 s (Boot time)
Electrical propertiesMaximum power dissipation for nominal condition 6.11 W (at UB= 26.4 V DC, US= 24 V, IS= 45 mA, n = 1, IL^2 = 48 A^2, Rcontact= 0.1 ?)
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 4 kV / Basic isolation, (safe isolation, reinforced insulation and 6 kV between input circuit and enabling current paths.)
Supply
Rated control circuit supply voltage US 20.4 V AC/DC ... 26.4 V AC/DC
Input dataGeneral
Rated control circuit supply voltage US 24 V AC/DC -15 % / +10 %
Power consumption at US typ. 1.08 W
Rated control supply current IS typ. 45 mA
Input voltage range 20.4 V AC/DC ... 26.4 V AC/DC
Inrush current typ. 350 mA DC (?t s)
typ. 350 mA AC (?t = 2 ms at Us)
Typ. starting time with Us typ. 15 ms (when controlled via A1)
Typical release time typ. 15 ms (when controlled via A1)
Recovery time < 500 ms
Maximum switching frequency 0.5 Hz
Protective circuit Surge protection; Suppressor diode
Operating voltage display 1 x gree...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-SPP-24UC/URM/3X1/3X2 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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