INDUSTRIAL COMPONENT DATA

# PSR-PS22-1NO-1NC-24VDC-SC 2702524 PHOENIX CONTACT Coupling relay

**Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-PS22-1NO-1NC-24VDC-SC**



| | |
|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | PSR-PS22-1NO-1NC-24VDC-SC |
| Catalog number | 2702524 |
| Category | Device for monitoring of safety-related circuits |
| Minimum order | 1 Pcs |
| Document ID | EO-4CB5AA7F88 |
| Generated | 2026-11-19 |

## Product Overview

Coupling relay
SIL 3 coupling relay for high and low demand applications, couples digital output signals to the periphery, 1 trip circuit, 1 acknowledgment circuit, Safe-State-Off applications, test pulse filter, fixed screw terminal block
Coupling relay for SIL 3 high and low-demand applications, couples digital output signals to the I/O, 1 enabling current path, 1 confirmation current path, safe state off applications, test pulse filter, fixed screw 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

Key Commercial Data
Orderkey 2702524
Packing unit 1 pc
Catalog page Page 282 (C-6-2017)
GTIN 4055626280240
Weight per Piece (excluding packing) 143.900 g
Custom tariff number 85364900
Country of origin DE (Germany)
Note
Utilization restriction EMC: class A product, see manufacturer's declaration in the download area
Dimensions

Width 6.8 mm
Height 93.1 mm
Depth 102.5 mm
Ambient conditions
Ambient temperature (operation) -40 °C ... 70 °C (observe derating)
Ambient temperature (storage/transport) -40 °C ... 85 °C
Max. permissible relative humidity (operation) 75 % (on average, 85% infrequently, non-condensing)
Max. permissible humidity (storage/transport) 75 % (on average, 85% infrequently, non-condensing)
Maximum altitude <= 2000 m (Above sea level)
Power supply
Rated control circuit supply voltage US 24 V DC -15 % / +10 % (A1/A2)
20.4 V DC ... 26.4 V DC
Rated control supply current IS typ. 45 mA
Power consumption at US typ. 1.08 W
Inrush current typ. 150 mA (?t s)
Filter time max. 3 ms (at A1-A2 in the event of voltage dips at Us)
max. 3 ms (at A1-A2; low test pulse width)
>= 50 ms (at A1-A2; low test pulse rate)
max. 17 ms (at A1-A2; high test pulse width)
>= 600 ms (at A1-A2; high test pulse rate)
Diagnostic supply voltage UD 24 V DC -15 % / +10 % (21/0V)
Input current at UD 6 mA (at the contacts 21/0V for UD; + 100 mA depending on load at contact 22)
Inrush current at UD typ. 200 mA (?t D)
Protective circuit Serial protection against polarity reversal 33 V suppressor diode (A...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-PS22-1NO-1NC-24VDC-SC 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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.