

**INDUSTRIAL COMPONENT DATA**

# PSR-PC32-2NO-1NC-24-230UC-SC 2700581 PHOENIX CONTACT Coupling relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-PC32-2NO-1NC-24-230UC-SC



|                 |                                                  |
|-----------------|--------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                  |
| MPN / Reference | PSR-PC32-2NO-1NC-24-230UC-SC                     |
| Catalog number  | 2700581                                          |
| Category        | Device for monitoring of safety-related circuits |
| Minimum order   | 1 Pcs                                            |
| Document ID     | EO-7142894E6D                                    |
| Generated       | 2026-08-05                                       |

## Product Overview

Coupling relay

Coupling relay for high and low demand applications SIL 3, couples digital signals to the periphery, wide input range of 24 V... 230 V, 2 trip circuits (1x up to 60 V, 1x up to 250 V), 1 acknowledgment circuit, "safe state off" applications, plug-in screw terminal block

Coupling relay for SIL 3 high and low-demand applications, couples digital signals to the I/O, 24 V ... 230 V wide-range input, 2 enabling current paths (1x up to 60 V, 1x up to 250 V) 1 confirmation current path, safe state off applications, plug-in 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 &gt; Safety

## Additional Product Information

Technical dataNotesNote on application

Note on application Only for industrial use

Utilization restriction

CCCex note Use in potentially explosive areas is not permitted in China.

Product propertiesProduct type Coupling relay

Product family PSRmini

Application Safe switch off

High demand

Low demand

Ex

Relay type Electromechanical relay with force-guided contacts in accordance with IEC/EN 61810-3

Data management status

Article revision 04

Times

Typical response time < 100 ms (with Uswhen controlled via A1)

Typical release time < 200 ms (with Uswhen controlled via A1)

Recovery time < 500 ms

Electrical properties Maximum power dissipation for nominal condition 5.7 W (at  $IL^2 = 72 A^2$ )

Nominal operating mode 100% operating factor

Air clearances and creepage distances between the power circuits

Rated insulation voltage 250 V AC

Rated surge voltage/insulation Basic insulation 4 kV between all current paths and housing

Safe isolation, reinforced insulation 2.5 kV between (93/94) and (31/32, 24V/GND)

Safe isolation, reinforced insulation 6 kV:

between (A1/A2) and (13/14) and (31/32, 24V/GND)

between (A1/A2) and (93/94)

between (13/14) and (93/94)

Supply

Designation A1/A2

Rated control circuit supply voltage US 24 V AC/DC ... 230 V AC/DC -15 % ... +10 %

Rated control supply current IS 75 mA (24 V DC)

34 mA (48 V DC)

97 mA (42 V AC)

28 mA (120 V AC)

16 mA (230 V AC)

Power consumption at US 1.8 W (with DC)

2.1 W (with AC)

Apparent power typ. 4.1 VA

Inrush current typ. 16 A (?t s)

< 5 mA (...)

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-PC32-2NO-1NC-24-230UC-SC with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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