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-D0D9352AE8
Generated	2026-11-19

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 > 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 propertiesMaximum 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 or use electricaonline.com/request-quote.

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