

INDUSTRIAL COMPONENT DATA

IOA-PSR-PS22-1NO-1NC-24DC 2702971 PHOENIX CONTACT

Coupling relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: IOA-PSR-PS22-1NO-1NC-24DC



Manufacturer	PHOENIX CONTACT
MPN / Reference	IOA-PSR-PS22-1NO-1NC-24DC
Catalog number	2702971
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-40537B32E7
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Product Overview

Coupling relay

Pluggable SIL coupling relay as an input/output accessory for VIP socket module, high and low demand applications SIL 3, Safe-State-Off, couples digital output signals to the periphery, 1 trip circuit, 1 acknowledgment circuit, test pulse filter

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 2702971

Packing unit 1 pc

Note Made to Order (non-returnable)

GTIN 4055626510941

Weight per Piece (excluding packing) 51.090 g

Custom tariff number 85364900

Country of origin DE (Germany)

Dimensions

Width 10 mm

Height 75 mm

Depth 112 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 -20 % / +25 %

Rated control supply current IS typ. 25 mA

Power consumption at US typ. 0.77 W

Inrush current typ. 100 mA (?t s)

Filter time max. 3 ms (at pins 05/06 in the event of voltage dips at Us)

max. 3 ms (at pins 05/06; low test pulse width)

≥ 50 ms (at pins 05/06; low test pulse width)

max. 17 ms (at pins 05/06; high test pulse width)

≥ 600 ms (at pins 05/06; high test pulse width)

Diagnostic supply voltage UD 24 V DC -20 % / +25 % (at pin 04)

Input current at UD 7 mA (at pins 04/03 for UD; + 100 mA depending on load at pin 02)

Inrush current at UD typ. 200 mA (?t D)

Protective circuit Surge protection 35 V suppressor diode (pins 05/06) 33 V suppressor diode (pins 04/03) 35 V suppressor diode (pins 02/03)

Polarity reversal protection for rated control circuit supply volta...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IOA-PSR-PS22-1NO-1NC-24DC 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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