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-CC51A94D6E
Generated	2026-11-18

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

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.