

INDUSTRIAL COMPONENT DATA

PSR-PS23-1NO-1NC-24VDC-SC 2702663 PHOENIX CONTACT

Coupling relay for SIL 3 high and low-demand applications,..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-PS23-1NO-1NC-24VDC-SC



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-PS23-1NO-1NC-24VDC-SC
Catalog number	2702663
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
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Product Overview

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

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

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
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Additional Product Information

Key Commercial Data

Orderkey 2702663

Packing unit 1 pc

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GTIN 4055626280233

Weight per Piece (excluding packing) 160.000 g

Custom tariff number 85364900

Country of origin DE (Germany)

Drawings

Dimensions

Power supply

Relay outputs: return current/signaling current path

General

Safety-related characteristic data

Environmental Product Compliance

Note

Ambient conditions

Relay outputs: enabling current path

Times

Connection data

Standards and Regulations

Classifications

Drawings

Block diagram

Circuit diagram

Circuit diagram

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Utilization restriction EMC: class A product, see manufacturer's declaration in the download area

Back to topDimensions

Width 6.8 mm

Height 93.1 mm

Depth 102.5 mm

Back to topAmbient 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)

Back to topPower supply

Rated control circuit supply voltage US 24 V DC -20 % / +25 % (A1/A2)

19.2 V DC ... 30 V DC

Rated control supply current IS typ. 45 mA

Power consumption at US typ. 1.08 W

Inrush current typ. 120 mA (≤ 30 ms (at A1-A...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-PS23-1NO-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

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