

INDUSTRIAL COMPONENT DATA

PSR-PC40-2NO-1DO-24DC-SP 2700589 PHOENIX CONTACT

Coupling relay

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-PC40-2NO-1DO-24DC-SP



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-PC40-2NO-1DO-24DC-SP
Catalog number	2700589
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-07FF75DEE3
Generated	2026-08-04

Product Overview

Coupling relay

SIL 3 coupling relay for high and low demand applications, couples digital output signals to the periphery, 2 trip circuits, 1 digital signal output, Safe State Off applications, test pulse filter, plug-in push-in 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

Key Commercial Data

Orderkey 2700589

Packing unit 1 pc

Catalog page Page 283 (C-6-2017)

GTIN 4046356916141

Weight per Piece (excluding packing) 196.000 g

Custom tariff number 85364900

Country of origin DE (Germany)

Note

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

Dimensions

Width 12.5 mm

Height 116.6 mm

Depth 114.5 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 -15 % / +10 % (A1/A2)

20.4 V DC ... 26.4 V DC

Rated control supply current IS typ. 75 mA (depending on load M1 +100 mA)

Power consumption at US typ. 1.8 W

Inrush current typ. 400 mA (t s)

Filter time max. 2 ms (at A1-A2; test pulse width)

≥ 100 ms (at A1-A2; test pulse rate)

Protective circuit Serial protection against polarity reversal 33 V suppressor diode

Digital inputs

Input name Start circuit

Number of inputs 2 (Non-safety-related start inputs: Y1/Y2)

Inrush current < 10 mA

Current consumption < 5 mA

Voltage at input/start and feedback circuit 24 V DC -15 % / +10 %

Max. permissible overall conductor resistance 150 Ω

Relay outputs: enabling current path

Output name....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-PC40-2NO-1DO-24DC-SP 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.