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-0F758A0AC7
Generated	2026-11-18

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 ?
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

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