INDUSTRIAL COMPONENT DATA

PSR-MC72-2NO-1DO-24DC-SP 2702097 PHOENIX CONTACT Safety relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-MC72-2NO-1DO-24DC-SP



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-MC72-2NO-1DO-24DC-SP
Catalog number	2702097
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-0BC04743A7
Generated	2026-11-19

Product Overview

Safety relays
Safety relay for emergency stop, safety doors, light barriers up to SIL 3, category 4, PL e, 1 or 2 channel operation, transverse short circuit detection, reactivatable, return/excitation delay 0.2 s ... 60 s, 2 trip circuits, US = 24 V DC, 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 2702097
Packing unit 1 pc
Catalog page Page 258 (C-6-2017)
GTIN 4046356952491
Weight per Piece (excluding packing) 126.450 g
Custom tariff number 85371098
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) -35 °C ... 60 °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 %
19.2 V DC ... 30 V DC
Rated control supply current IS typ. 60 mA
Power consumption at US typ. 1.44 W
Inrush current typ. 25 A (?t = 10 µs at Us)
Filter time 10 ms (For the logic. At A1 in the event of voltage dips at Us)
Protective circuit Surge protection Suppressor diode
Protection against polarity reversal for rated control circuit supply voltage
Digital inputs
Input voltage range "0" signal 0 V DC ... 5 V DC (for safe Off)
Input current range "0" signal 0 mA ... 2 mA (for safe Off)
Inrush current < 11 mA (with Us/Ixto S12/S22)
< 8.6 mA (with Us/Ixto S34)
Current consumption < 4.1 mA (with Us/Ixto S12/S22)
< 3.2 mA (with Us/Ixto S34)
Filter time max. 3 m...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-MC72-2NO-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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