INDUSTRIAL COMPONENT DATA

PSR-MC37-3NO-1NC-24DC-SP 2702412 PHOENIX CONTACT Safety relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-MC37-3NO-1NC-24DC-SP



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-MC37-3NO-1NC-24DC-SP
Catalog number	2702412
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-96003182FB
Generated	2026-11-19

Product Overview

Safety relays
Safety relay for emergency stop and guard doors as well as elevator applications up to SIL 3, cat. 4, PL e, 1 or 2 channel service, automatic or manual start, short circuit detection, 3 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 2702412
Packing unit 1 pc
Catalog page Page 254 (C-6-2017)
GTIN 4055626276953
Weight per Piece (excluding packing) 202.500 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 22.5 mm
Height 117.4 mm

Depth 114.5 mm
Ambient conditions
Ambient temperature (operation) -40 °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. 70 mA
Power consumption at US typ. 1.68 W
Inrush current 2 A (?t = 300 µs 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; at S12 and S22)
Input current range "0" signal 0 mA ... 2 mA (for safe Off; at S12 and S22)
Inrush current < 5 mA (?t = 500 µs, for Us/Ix at S12)
> -5 mA (?t = 500 µs, for Us/Ix at S22)
< 10 mA (?t = 500 µs, for Us/Ix at S35)
Current consumption < 4 mA (with Us/Ixto S12/S22)
< 0.5 mA (with Us/Ixto S35)
Filter time...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-MC37-3NO-1NC-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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