

INDUSTRIAL COMPONENT DATA

PSR-MM25-1NO-2DO-24DC-SP 2702356 PHOENIX CONTACT

Safety device

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-MM25-1NO-2DO-24DC-SP



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-MM25-1NO-2DO-24DC-SP
Catalog number	2702356
Category	Speed-/standstill monitoring relay
Minimum order	1 Pcs
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Product Overview

Safety device

Safety switching device for sensor-free stop control in three-phase and single-phase motors up to SIL 3, category 3, PL e, two-channel evaluation of the recall voltage of alternating, three-phase and direct current motors, plug-in push-in terminal, width: 12.5 mm

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 2702356

Packing unit 1 pc

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GTIN 4055626133218

Weight per Piece (excluding packing) 146.700 g

Custom tariff number 85389091

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) -20 °C ... 55 °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 max. 2000 m (Above sea level)
Power supply
Rated control circuit supply voltage US 24 V DC -15 % / +10 %
Rated control supply current IS typ. 50 mA
Power consumption at US typ. 1.2 W
Inrush current 5.6 A ($\tau = 400 \mu\text{s}$ at U_s)
Filter time 1 ms (at A1 in the event of voltage dips at U_s)
Protective circuit Surge protection Suppressor diode
Protection against polarity reversal for rated control circuit supply voltage
Measuring inputs
Current consumption max. 0.35 mA (at L1/L2/L3)
Voltage input signal max. 690 V AC/DC (at L1/L2/L3)
Limit frequency max. 3 kHz (At voltages > 2 VRMS)
Relay outputs: enabling current path
Output name Enabling current path
Output description safety-related N/O contacts
Number of outputs 1 (undelayed)
Contact type 1 enabling current path...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-MM25-1NO-2DO-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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