

INDUSTRIAL COMPONENT DATA

PSR-MC32-3NO-1NC-24-230UC-SP 2700525 PHOENIX CONTACT Safety relays

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-MC32-3NO-1NC-24-230UC-SP



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-MC32-3NO-1NC-24-230UC-SP
Catalog number	2700525
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-F721DA862C
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Product Overview

Safety relays

Safety relay for emergency stop, safety doors and light curtains up to SIL 3, cat. 4, PL e, 1 or 2 channel service, automatic or manual controlled start, 3 trip circuits, 1 signaling circuit, US = 24 ... 230 V AC/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 2700525

Packing unit 1 pc

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GTIN 4046356912709

Weight per Piece (excluding packing) 235.400 g

Custom tariff number 85371098

Country of origin DE (Germany)

Note

Utilization restriction 1

Dimensions

Width 22.5 mm

Height 117.4 mm

Depth 114.5 mm

Ambient conditions

Ambient temperature (operation) -40 °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 ≤ 2000 m (Above sea level)

Power supply

Rated control circuit supply voltage US 24 V AC/DC ... 230 V AC/DC -15 % / +10 %

Rated control supply current IS typ. 103 mA (24 V DC)

typ. 47 mA (48 V DC)

typ. 38 mA (110 V AC)

typ. 21 mA (230 V AC)

Power consumption at US 2.7 W (with DC)

2.9 W (with AC)

Apparent power typ. 5 VA (at US)

Inrush current < 80 A ($\tau = 50 \mu s$ at Us)

Filter time 2 ms (at A1 in the event of voltage dips at Us)

Protective circuit US: surge protection 275 V varistor / 411 V suppressor diode

Digital inputs

Input voltage range "0" signal 0 V DC ... 5 V DC (for safe Off; at S10/S12/S13)

Input current range "0" signal 0 mA ... 2 mA (for safe Off; at S10/S12/S13)

Inrush current < 5 mA (with Us/Ix at S10/S12/S13)

> -5 mA (with Us/Ix to S22)

< 10 mA (with Us/Ix at S34/S35)

Current consumption < 5 mA (at Us/Ix to S10/S12/S13/...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-MC32-3NO-1NC-24-230UC-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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