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-F44A659D9E
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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
Catalog page Page 253 (C-6-2017)
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 (?t = 50 µs 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/Ixat S10/S12/S13)
> -5 mA (with Us/Ixto S22)
< 10 mA (with Us/Ixat S34/S35)
Current consumption < 5 mA (at Us/Ixto 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.

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