

INDUSTRIAL COMPONENT DATA

PSR-MC38-2NO-1DO-24DC-SC 1009831 PHOENIX CONTACT

Safety relay for emergency stop, safety doors and light gri..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-MC38-2NO-1DO-24DC-SC



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-MC38-2NO-1DO-24DC-SC
Catalog number	1009831
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-FEDEA89E6C
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Product Overview

Safety relay for emergency stop, safety doors and light grids up to SILCL 3, Cat. 4, PL e, 1- or 2-channel operation, automatic or manual, monitored start, 2 enabling current paths, 1 signal output, TBUS interface, U

Safety relay for emergency stop, protection doors and light barrier up to SIL 3, cat. 4, PL e, 1 or 2 channel operation, automatic or manual, monitored start, 2 trip circuits, 1 message output, TBUS interface, US = 24 V DC, plug-in screw terminal

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 1009831

Packing unit 1 pc

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GTIN 4055626482705

Weight per Piece (excluding packing) 200.000 g

Custom tariff number 85371098

Country of origin DE (Germany)

Drawings

Dimensions

Power supply

Relay outputs: enabling current path

Times

Connection data

Standards and Regulations

Classifications

Note

Ambient conditions

Digital inputs

Alarm outputs

General

Safety-related characteristic data

Environmental Product Compliance

Drawings

No preview imageBlock diagram

Circuit diagram

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Utilization restriction EMC: class A product, see manufacturer's declaration in the download area

Back to topDimensions

Width 22.5 mm

Height 112.2 mm

Depth 114.5 mm

Back to topAmbient conditions

Ambient temperature (operation) -20 °C ... 55 °C (observe derating)

Ambient temperature (storage/transport) -40 °C ... 70 °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)

Back to topPower supply

Designation A1/A2

Rated control circuit supply voltage US 24 V DC -15 % / +10 % (provide external protection)

Rated control supply current IS typ. 75 mA

Power consumption at US typ. 1.8 W

Inrush current < 4 A (?t = 3 ms at Us)

Filter time 20 ms (at A1 in the event of voltage dips at Us)

Protective circuit Serial protection against polarity reversal Suppressor dio...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-MC38-2NO-1DO-24DC-SC 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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