

## 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                                    |
| Generated       | 2026-08-04                                       |

### 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 &gt; 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

Back to topNote

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](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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