

## INDUSTRIAL COMPONENT DATA

# PSR-ME40-4NO-2NC-24DC-SC 1397654 PHOENIX CONTACT

## Safety relay such as contact extension, 0.5 s adjustable de..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-ME40-4NO-2NC-24DC-SC



|                 |                                                  |
|-----------------|--------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                  |
| MPN / Reference | PSR-ME40-4NO-2NC-24DC-SC                         |
| Catalog number  | 1397654                                          |
| Category        | Device for monitoring of safety-related circuits |
| Minimum order   | 1 Pcs                                            |
| Document ID     | EO-1341FE730E                                    |
| Generated       | 2026-08-02                                       |

### Product Overview

Safety relay such as contact extension, 0.5 s adjustable deexcitation delay ... 30 s, 4 enabling circuits, 1 feedback circuit, together with basic equipment up to category 3, PL d according to EN ISO 13849, plug-in screw terminal, width: 22.5 mm

Safety Relay

Safety relay as contact extension, dropout delay can be set from 0.5 s ... 36 s, 4 enabling current paths, 1 confirmation current path, together with basic device up to Cat. 3, PL d in accordance with EN ISO 13849, plug-in screw terminal block, width: 22.5 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 |
|--------------|--------------------------|

### Additional Product Information

Technical dataProduct propertiesProduct type Safety relays

Product family PSRclassic

Set comprises 1397653 PSR-ME40-4NO-2NC-24DC-SC-SET35

Application Extension module

Mechanical service life approx. 107cycles

Relay type Electromechanical relay with force-guided contacts in accordance with IEC/EN 61810-3

Times

Typical response time typ. 40 ms (For Usautostart)

Typical release time 50 ms (on demand via A1)

Delay time range 0.5 s ... 30 s ±40 %

Restart time < 1 s

Recovery time Delay time +500 ms

Electrical properties Maximum power dissipation for nominal condition 17 W (US= 26.4 V,  $IL^2 = 72 A^2$ ,  $PT_{Total max} = 2.6 W + 14.4 W$ )

Nominal operating mode 100% operating factor

Air clearances and creepage distances between the power circuits

Rated insulation voltage 250 V

Rated surge voltage/insulation See section "Insulation coordination"

Supply

Designation A1/A2

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

Rated control supply current IS typ. 77 mA (at US)

Power consumption at US typ. 1.85 W

Inrush current < 2.5 A (typically with US,  $\tau_t = 1 ms$ )

Filter time 5 ms (in the event of voltage dips at US)

Protective circuit Suppressor diode

Input data Digital: K1/K2

Description of the input safety-related

Number of inputs 1

Input voltage range "0" signal 0 V DC ... 5 V DC

Input voltage range "1" signal 20.4 V ... 26.4 V

Input current range "0" signal 0 mA ... 2 mA

Filter time 1 ms (Test pulse width of low test pulses)

1 s (Test pulse rate for low test pulse)

No brightness test pul...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-ME40-4NO-2NC-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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