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-0B01FAF31E
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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 propertiesMaximum power dissipation for nominal condition 17 W (US= 26.4 V, IL^2 = 72 A^2, PTotal 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, ?t = 1 ms)
Filter time 5 ms (in the event of voltage dips at Us)
Protective circuit Suppressor diode
Input dataDigital: 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 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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