INDUSTRIAL COMPONENT DATA

PSR-ME30-4NO-1NC-24DC-SC 1397656 PHOENIX CONTACT Safety relay as contact extension, 4 enabling circuits, 1 f..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-ME30-4NO-1NC-24DC-SC



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-ME30-4NO-1NC-24DC-SC
Catalog number	1397656
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-794D0A80B0
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Product Overview

Safety relay as contact extension, 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, 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 1397657 PSR-ME30-4NO-1NC-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
Typ. starting time with Us 20 ms (when controlled via K1/K2)
Typical release time 20 ms (when requested via K1/K2)
Electrical propertiesMaximum power dissipation for nominal condition 16.4 W (UK1/K2= 26.4 V, I_L^2 = 72 A^2, PTotal max= 2 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”
Input dataDigital: K1/K2
Description of the input safety-related
Number of inputs 1
Input voltage range "1" signal 20.4 V ... 26.4 V
Inrush current typ. 130 mA (?t = 800 ms)
Max. permissible overall conductor resistance 50 ?
Protective circuit Suppressor diode
Current consumption typ. 67 mA
Output dataRelay: Enabling current paths (13/14, 23/24, 33/34, 43/44)
Output description 2 N/O contacts each in series, safety-related, floating
Number of outputs 4
Contact switching type 4 enabling current paths
Contact material AgSnO2
Switching voltage min. 10 V AC/DC
max. 250 V AC
Switching capacity min. 100 mW
Inrush current min. 10 mA
max. 6 A
Switching capacity in accordance with IEC 60947-5-1 5 A (AC15)
6 A (DC13)
Limiting conti...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-ME30-4NO-1NC-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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