INDUSTRIAL COMPONENT DATA

PSR-MC82-5NO-1NC-1DO-24DC-SC 2702382 PHOENIX CONTACT Extension module

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-MC82-5NO-1NC-1DO-24DC-SC



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-MC82-5NO-1NC-1DO-24DC-SC
Catalog number	2702382
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-6C3B8D73E7
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Product Overview

Extension module
Contact extension up to SIL3, cat.4, PLe in combination with suitable evaluation equipment, 5 trip circuits, US=24VDC, plug-in screw terminal
Contact extension up to SIL 3, Cat. 4, PL e in conjunction with suitable evaluation device, 5 enabling current paths, US = 24 V DC, plug-in screw terminal block

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 dataNotesNote on application
Note on application Only for industrial use
Product propertiesProduct type Safety relays
Product family PSRmini
Application Extension module
Relay type Electromechanical relay with force-guided contacts in accordance with IEC/EN 61810-3
Data management status
Article revision 06
Times
Typical response time < 50 ms (Monitored/manual and auto-start)
Typ. starting time with Us < 50 ms (when controlled via A1/A2)

Typical release time < 25 ms (when controlled via A1/A2)
Recovery time < 100 ms
Electrical propertiesMaximum power dissipation for nominal condition 15.2 W (at US= 30 V, IL^2 = 64 A^2)
Nominal operating mode 100% operating factor
Air clearances and creepage distances between the power circuits
Rated insulation voltage 250 V AC
250 V AC
Rated surge voltage/insulation
Supply
Designation A1/A2
Rated control circuit supply voltage US 19.2 V DC ... 30 V DC
Rated control circuit supply voltage US 24 V DC -20 % / +25 %
Rated control supply current IS typ. 80 mA
Power consumption at US typ. 1.92 W
Inrush current typ. 125 mA (?t = 7 ms at Us)
Filter time 4 ms (at A1 in the event of voltage dips at Us)
max. 1 ms (at A1/A2, test pulse width, blanking pulses/dark test)
5 ms (at A1/A2, test pulse rate, blanking pulses/dark test)
Where test pulse width
max. 1 ms (at A1/A2, test pulse width, switch-on pulses/light test)
10 ms (at A1/A2; test pulse rate; switch-on pulses/light test)
Deactivate the switch-on pulses for safety applications.
Protective...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-MC82-5NO-1NC-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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