

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-E0DAD999F4
Generated	2026-08-06

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 properties Maximum power dissipation for nominal condition 15.2 W (at $U_S = 30\text{ V}$, $I_L^2 = 64\text{ A}^2$)

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 U_S 19.2 V DC ... 30 V DC

Rated control circuit supply voltage U_S 24 V DC -20 % / +25 %

Rated control supply current I_S typ. 80 mA

Power consumption at U_S typ. 1.92 W

Inrush current typ. 125 mA ($\tau_t = 7\text{ ms}$ at U_S)

Filter time 4 ms (at A1 in the event of voltage dips at U_S)

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.