

## INDUSTRIAL COMPONENT DATA

# PSR-M-B3-XC-SDI8-SDO4-DO4-PI 1337855 PHOENIX CONTACT Configurable safety module (basic module), 8 SDI, 4 SDO..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-M-B3-XC-SDI8-SDO4-DO4-PI



|                 |                                                  |
|-----------------|--------------------------------------------------|
| Manufacturer    | PHOENIX CONTACT                                  |
| MPN / Reference | PSR-M-B3-XC-SDI8-SDO4-DO4-PI                     |
| Catalog number  | 1337855                                          |
| Category        | Device for monitoring of safety-related circuits |
| Minimum order   | 1 Pcs                                            |
| Document ID     | EO-1CC6241265                                    |
| Generated       | 2026-08-01                                       |

## Product Overview

Configurable safety module (basic module), 8 SDI, 4 SDO, 4 reset DI or 4 MO, 4 cycles, expandable via TBUS, up to SIL 3, category 4/PL e, plug-in push-in terminal, TBUS connector not included, integrated gateway functionality, extreme conditions

The Security Module

Configurable safety module (base module), 8 SDI, 4 SDO, 4 reset DI, or 4 MO, 4 clock outputs, can be extended via TBUS, up to SIL 3, cat. 4/PL e, plug-in Push-in terminal block, TBUS connector not included, integrated gateway functionality, extreme conditions

## 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 device

Application Emergency stop

Light grid

Safety door

Safe shutdown

Insulation characteristics

Protection class III

**Times**

Response time see user manual

Restart time min. 5 s (Boot time)

max. 10 s (Boot time)

Electrical properties Maximum power dissipation for nominal condition 9.85 W (with max. permissible load)

Nominal operating mode 100% operating factor

Interfaces DIN rail TBUS for connection to the master module, not supplied as standard

Air clearances and creepage distances between the power circuits

Rated insulation voltage 250 V AC

Rated surge voltage/insulation Basic insulation 4 kV between all current paths and housing

**Supply**

Designation A1/A2

Rated control circuit supply voltage US 19.2 V DC ... 28.8 V DC

Rated control circuit supply voltage US 24 V DC -20 % / +20 % (provide external protection, typically 5 A)

Rated control supply current IS 120 mA (RMS typ. inactive for all outputs)

100 mA (without communication via network)

185 mA (Current peaks every 1.55 s with network communication)

Power consumption at US typ. 2.88 W (Outputs inactive)

Inrush current < 14.4 A ( $\tau = 0.5$  ms at Us)

Filter time typ. 5 ms (at A1 in the event of voltage dips at Us)

Protective circuit Serial protection against polarity reversal

Input data Digital: IN1, IN2, IN3, IN4, IN5, IN6, IN7, IN8

Description of the input Safety-related digital inputs

**NPN**

Number of inputs 8

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

Input voltage range....

**REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / PSR-M-B3-XC-SDI8-SDO4-DO4-PI with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

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