

INDUSTRIAL COMPONENT DATA

PSR-M-B2-XC-SDI8-SDO4-DO4-PI 1337849 PHOENIX CONTACT Configurable safety module (basic module), 8 safe input..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-M-B2-XC-SDI8-SDO4-DO4-PI



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-M-B2-XC-SDI8-SDO4-DO4-PI
Catalog number	1337849
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-79D9CCFD09
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Product Overview

Configurable safety module (basic module), 8 safe inputs, 4 safe outputs, 4 reset inputs or 4 signal outputs, 4 clock outputs, expandable via TBUS, up to SIL 3, cat. 4/PL e, plug-in push-in terminal, TBUS connector not included

Configurable safety module (basic module), 8 safe inputs, 4 safe outputs, 4 reset inputs or 4 signal outputs, 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

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

Times

Response time see user manual

Restart time min. 5 s (Boot time)

max. 10 s (Boot time)

Electrical propertiesMaximum power dissipation for nominal condition 7.48 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 See section "Insulation coordination"

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 % (external fuse, typically 4 A)

Rated control supply current IS typ. 55 mA (Outputs inactive)

Power consumption at US typ. 1.32 W (Outputs inactive)

Inrush current 9.16 A ($\tau = 0.5$ ms at Us)

Filter time typ. 5 ms (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 (for safe Off)

Input voltage range "1" signal 11 V DC ... 28.8 V DC

Input current range "0" signal < 0.2 mA

Inrush current max. 524 mA ($\tau = 6$ μ s at Us)

Filter time min. 3 ms (adjustable)

max. 250 ms (adjustable)

Test pulse rate $\geq$

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-M-B2-XC-SDI8-SDO4-DO4-PI with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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