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-AF47ADC2E5
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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 (?t = 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 dataDigital: 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 (?t = 6 µs at Us)
Filter time min. 3 ms (adjustable)
max. 250 ms (adjustable)
Test pulse rate >=....

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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