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-D4580C0817
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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 propertiesMaximum 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 (?t = 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 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
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 or use electricaonline.com/request-quote.

GLOBAL OFFICES

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