

INDUSTRIAL COMPONENT DATA

PSR-M-EF1-XC-SDI8-SDO4-DO4-PI 1337850 PHOENIX CONTACT

Safe expansion module with 8 safe inputs and 4 safe ou..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-M-EF1-XC-SDI8-SDO4-DO4-PI



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-M-EF1-XC-SDI8-SDO4-DO4-PI
Catalog number	1337850
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-F150FF4D56
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Product Overview

Safe expansion module with 8 safe inputs and 4 safe outputs, 4 reset inputs or 4 signal outputs, 4 clock outputs, TBUS interface, up to SIL 3, category 4/PL e, plug-in push-in terminal, TBUS connector included

Safe extension module with 8 safe inputs and 4 safe outputs, 4 reset inputs or 4 signal outputs, 4 clock outputs, TBUS interface, up to SIL 3, Cat. 4/PL e, pluggable Push-in terminal block, TBUS connector 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
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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 7.48 W (with max. permissible load)

Nominal operating mode 100% operating factor

Interfaces DIN rail TBUS for connection to the master module, supplied as standard

Air clearances and creepage distances

Rated insulation voltage 250 V AC

Rated surge voltage/insulation Basic insulation 4 kV between 24 V power supply and I/Os to the 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 % (external fuse, typically 4 A)

Rated control supply current IS typ. 50 mA (Outputs inactive)

Power consumption at US typ. 1.2 W (Outputs inactive)

Inrush current 7.5 A ($\tau = 0.4$ 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. 584.93 mA ($\tau = 6$ μ s)

Filter time min. 3 ms (adjustabl...)

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-M-EF1-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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