

INDUSTRIAL COMPONENT DATA

PSR-M-EF7-XC-SAI4-PI 1337851 PHOENIX CONTACT Secure expansion module with 4 secure analog inputs, 0 V ... 10..

Brand: PHOENIX CONTACT | Manufacturer Part Number: PSR-M-EF7-XC-SAI4-PI



Manufacturer	PHOENIX CONTACT
MPN / Reference	PSR-M-EF7-XC-SAI4-PI
Catalog number	1337851
Category	Device for monitoring of safety-related circuits
Minimum order	1 Pcs
Document ID	EO-B11CAB4FF2
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Product Overview

Secure expansion module with 4 secure analog inputs, 0 V ... 10 V, 0 mA or 4 mA... 20 mA, TBUS interface, up to category 4/PL e, SIL 3, plug-in push-in terminal, TBUS connector included

Safe extension module with 4 safe analog inputs, 0 V ... 10 V; 0 mA or 4 mA ... 20 mA; TBUS interface, up to Cat. 4/PL e, SIL 3, plug-in 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 Analog IN

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 2.76 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 all current paths and housing

Electrical isolation, 0.5 kV functional insulation between logic and analog inputs and between the analog inputs

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 6 A)

Rated control supply current IS typ. 82 mA (without sensor supply)

typ. 212 mA (with sensor supply)

Power consumption at US typ. 1.96 W (without sensor supply)

typ. 5.08 W (with sensor supply)

Inrush current max. 14 A ($\tau = 1$ ms at Us)

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

Protective circuit Serial protection against polarity reversal

Input dataGeneral

Protective circuit Overload protection of the current inputs; Suppressor diode

Analog

Input name IN S1, IN S2, IN S3, IN S4

Description of the input Safety-oriented analog inputs, configurable as current or volt...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / PSR-M-EF7-XC-SAI4-PI with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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