INDUSTRIAL COMPONENT DATA

AXL F PSDI8/4 1F 2701559 PHOENIX CONTACT Safety module

Brand: PHOENIX CONTACT | Manufacturer Part Number: AXL F PSDI8/4 1F



Manufacturer	PHOENIX CONTACT
MPN / Reference	AXL F PSDI8/4 1F
Catalog number	2701559
Category	Fieldbus, decentr. periphery - digital I/O module
Minimum order	1 Pcs
Document ID	EO-F0C6DBDCCB
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Product Overview

Safety module
AxiolineF, Digital input module, Functional safety, PROFIsafe, Only for connection to a phoenix and Siemens control system, Digital inputs: 4 (With 2-channel assignment), 8 (With 1-channel assignment), 24 VDC, connection technology: 2, 3, 4 conductors, protection index: IP20
Axioline F, Digital input module, Functional safety, PROFIsafe, only for connection to Phoenix Contact or Siemens controller, Digital inputs: 4 (for 2-channel assignment), 8 (for 1-channel assignment), 24 V DC, connection technology: 2-, 3-, 4-conductor, degree of protection: IP20

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 dataDimensionsDimensional drawing
Width 53.6 mm
Height 126.1 mm
Depth 54 mm
Note on dimensions Housing dimensions
NotesNote on application
Note on application Only for industrial use
InterfacesAxioline F local bus
Connection method Bus base module
System propertiesModule

Input address area 5 Byte
Output address area 5 Byte
Required parameter data 22 Byte ((I-and F-parameters))
Required configuration data 10 Byte
Input dataDigital:
Input name Digital inputs
Description of the input IEC 61131-2 type 3
Number of inputs 4 (for 2-channel assignment)
8 (for 1-channel assignment)
Cable length max. 1000 m (200 m from the clock output to the safe input (total based on forward and return path))
Connection method Push-in connection
Connection technology 2-, 3-, 4-conductor
Input voltage 24 V DC (via clock outputs T1 and T2 or external supply)
Input voltage range -3 V DC ... 30 V DC
Nominal input voltage UIN 24 V DC
Nominal input current at UIN typ. 4.2 mA
Typical input current per channel 4.2 mA
Input filter time 1.5 ms
3 ms (Default)
5 ms
15 ms
Product propertiesProduct type I/O component
Product family Axioline F
Application Functional safety
PROFIsafe
only for connection to Phoenix Contact or Siemens controller
Type modular
Data management status
Article revision 12
Electrical propertiesMaximum power dissipation for nominal condition 2 W
Transmission medium Copper
Potentials
Protective circuit Protection against polarity reversal, EMC protective circuit, undervoltage detec...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / AXL F PSDI8/4 1F with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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