INDUSTRIAL COMPONENT DATA

IB IL 24 PSDI 16-PAC 2700994 PHOENIX CONTACT Safety module

Brand: PHOENIX CONTACT | Manufacturer Part Number: IB IL 24 PSDI 16-PAC



Manufacturer	PHOENIX CONTACT
MPN / Reference	IB IL 24 PSDI 16-PAC
Catalog number	2700994
Category	Fieldbus, decentr. periphery - digital I/O module
Minimum order	1 Pcs
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Product Overview

Safety module
Safety-oriented digital input module, IP20 degree of protection, for SafetyBridge V3 systems and the PROFIsafe system. The module has 8 secure digital inputs with a two-channel occupancy or 16 secure digital inputs with a single-channel occupancy
Safety-related digital input module, IP20 protection, for the SafetyBridge V3 and PROFIsafe system. The module has 8 safe digital inputs for two-channel assignment or 16 safe digital inputs for single-channel assignment.

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 48.8 mm
Height 141 mm
Depth 71.5 mm
Note on dimensions Housing dimensions
NotesNote on application
Note on application Only for industrial use
InterfacesInline local bus
No. of channels 2
Connection method Inline data jumper

Transmission speed 500 kbps / 2 Mbps (can be switched)
System propertiesModule
ID code (dec.) 163
ID code (hex) A3
Length code (hex) 04
Length code (dec) 04
Process data channel 8 Byte
Input address area 8 Byte ((Operating mode: SafetyBridge))
Output address area 8 Byte ((Operating mode: SafetyBridge))
Register length 8 Byte
Required parameter data 1 Byte ((Operating mode: SafetyBridge))
Required configuration data 5 Byte ((Operating mode: SafetyBridge))
Input dataDigital:
Input name Digital inputs
Description of the input IEC 61131-2 type 3
Number of inputs 8 (for 2-channel assignment)
16 (for 1-channel assignment)
Cable length max. 500 m (200 m from the clock output to the safe input (total based on forward and return path))
Connection method Spring-cage connection
Connection technology 2-, 3-conductor
Input voltage 24 V DC (via clock outputs UT1 and UT2 or external supply)
Input voltage range -3 V DC ... 30 V DC
Input voltage range "0" signal -3 V DC ... 5 V DC
Input voltage range "1" signal 11 V DC ... 30 V DC
Typical input current per channel 2.7 mA (at 24 V)
Product propertiesProduct type I/O component
Product family Inline
Application Functional safety
Type modular
Data management status
Article re...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IB IL 24 PSDI 16-PAC with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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