

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
Document ID	EO-BEE1943E74
Generated	2026-08-01

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

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.