INDUSTRIAL COMPONENT DATA

IB IL 24 DI 16-NPN-PAC 2863520 PHOENIX CONTACT Inline terminal

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	IB IL 24 DI 16-NPN-PAC
Catalog number	2863520
Category	Fieldbus, decentr. periphery - digital I/O module
Minimum order	1 Pcs
Document ID	EO-DC8CF41B30
Generated	2026-11-18

Product Overview

Inline terminal
Inline, Digital input module, Digital inputs: 16 (NPN), 24 VDC, connection technology: 3 conductors, transmission speed on the local bus:500 kBit/s, protection index: IP20, including inline connectors and marking fields

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 > I/O

Additional Product Information

Key Commercial Data
Orderkey 2863520
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 148 (C-6-2017)
GTIN 4017918941208
Weight per Piece (excluding packing) 210.000 g
Custom tariff number 85389091
Country of origin DE (Germany)
Note
Utilization restriction 1
Dimensions
Dimensional drawing

Width 48.8 mm
Height 140.5 mm
Depth 71.5 mm
Note on dimensions Housing dimensions
Ambient conditions
Ambient temperature (operation) -25 °C ... 55 °C
Ambient temperature (storage/transport) -25 °C ... 85 °C
Permissible humidity (operation) 10 % ... 95 % (according to DIN EN 61131-2)
Permissible humidity (storage/transport) 10 % ... 95 % (according to DIN EN 61131-2)
Air pressure (operation) 70 kPa ... 106 kPa (up to 3000 m above sea level)
Air pressure (storage/transport) 70 kPa ... 106 kPa (up to 3000 m above sea level)
Degree of protection IP20
General
Mounting type DIN rail
Net weight 210 g
Note on weight specifications with connector
Interfaces
Designation Inline local bus
No. of channels 2
Connection method Inline data jumper
Transmission speed 500 kbps
Inline potentials
Designation Communications power (UL)
Supply voltage 7.5 V DC (via voltage jumper)
Current consumption max. 60 mA
Designation Segment circuit supply (US)
Supply voltage 24 V DC (via voltage jumper)
Supply voltage range 19.2 V DC ... 30 V DC (including all tolerances, including ripple)
Current consumption max. 4 A
Digital inputs
Input name Digital inputs
Description of the input EN 61131-2 type 1....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IB IL 24 DI 16-NPN-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 Pl #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.