INDUSTRIAL COMPONENT DATA

# IB IL 24 DI 32/HD-NPN-PAC 2878243 PHOENIX CONTACT Inline terminal

**Brand: PHOENIX CONTACT | Manufacturer Part Number: IB IL 24 DI 32/HD-NPN-PAC**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | IB IL 24 DI 32/HD-NPN-PAC |
| Catalog number | 2878243 |
| Category | Fieldbus, decentr. periphery - digital I/O module |
| Minimum order | 1 Pcs |
| Document ID | EO-6C6866009C |
| Generated | 2026-11-18 |

## Product Overview

Inline terminal
Inline, Digital input module, Digital inputs: 32 (NPN), 24 VDC, connection technology: 1 conductor, 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

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|---|---|
| Catalog path | PHOENIX CONTACT > I/O |

## Additional Product Information

Key Commercial Data
Orderkey 2878243
Packing unit 1 pc
Catalog page Page 149 (C-6-2017)
GTIN 4046356048507
Weight per Piece (excluding packing) 191.310 g
Custom tariff number 85389091
Country of origin DE (Germany)
Note
Utilization restriction 1
Dimensions
Dimensional drawing
Width 48.8 mm

Height 119.8 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 % (non-condensing)
Permissible humidity (storage/transport) 10 % ... 95 % (non-condensing)
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 191.31 g
Note on weight specifications with connectors
Operating mode Process data operation with 2 words
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. 90 mA
Power consumption max. 0.675 W
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. 100 mA
Power consumption max. 2.16 W (Module, complete)
Digital....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IB IL 24 DI 32/HD-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

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