INDUSTRIAL COMPONENT DATA

# IB IL INC-IN-2MBD-PAC 2819765 PHOENIX CONTACT Inline function terminal

**Brand: PHOENIX CONTACT | Manufacturer Part Number: IB IL INC-IN-2MBD-PAC**



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|---|---|
| Manufacturer | PHOENIX CONTACT |
| MPN / Reference | IB IL INC-IN-2MBD-PAC |
| Catalog number | 2819765 |
| Category | Fieldbus, decentr. periphery - function-/technology module |
| Minimum order | 1 Pcs |
| Document ID | EO-D735EDE699 |
| Generated | 2026-11-18 |

## Product Overview

Inline function terminal
Inline registration terminal block for position transducers, complete with accessories, 1 input for incremental encoder with rectangular signal (symmetrical or asymmetrical), 3 digital inputs of 24 V DC, 3-conductor connection technology, transmission speed 2 Mbaud
Inline, Position Sensing Terminal, Incremental Encoder Input: 1, Balanced Encoders According to EIA-422 and Asymmetrical Encoders, Digital Inputs: 3, 24 V DC, Digital Outputs: 1, 0.5 A, Transmission Speed in Local Bus: 2 MBit/s, Protection Class: IP20, Including Inline Connectors and Label 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 2819765
Packing unit 1 pc
Note Made to Order (non-returnable)
Catalog page Page 303 (AX-2009)
GTIN 4046356082273
Weight per Piece (excluding packing) 143.000 g
Custom tariff number 85389091
Country of origin DE (Germany)

Note
Utilization restriction 1
Dimensions
Width 24.4 mm
Height 140.5 mm
Depth 71.5 mm
Interfaces
Interface Inline local bus
Connection method Inline data jumper
Power supply
Encoder supply voltage 5 V DC
24 V DC
Encoder supply current max. 250 mA
Drawing encoder supply voltage Main circuit UM
Incremental encoder input
Number of inputs 1
Input frequency (24 V) 0 Hz ... 300 kHz
Input frequency (5 V) 0 kHz ... 300 kHz
Encoder signals Symmetrical and asymmetrical encoders
Inputs
Number of inputs 3
Connection technology 3-wire
General
Weight 143 g
Inline potentials
Designation Communications power (UL)
Supply voltage 7.5 V (via voltage jumper)
Current consumption max. 80 mA
Designation Main circuit supply (UM)
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 typ. 340 mA
max. 1 A
Environmental Product Compliance
China RoHS Environmentally friendly use period: unlimited = EFUP-e
No hazardous substances above threshold values
Classifications
eCl@ss 4.027250304eCl@ss 4.127250304eCl@ss 5.027250304eCl@ss 5.127242600eCl@ss 6.027242600eCl@ss 7.027242605eCl@ss 8.027242605eCl@ss 9.027242605
ETIM 2.0EC001433ETIM 3.0EC001601ETIM 4.0EC001601ETIM....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IB IL INC-IN-2MBD-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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