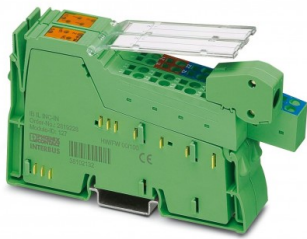


INDUSTRIAL COMPONENT DATA

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

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



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-6996D97CCF
Generated	2026-08-01

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

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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