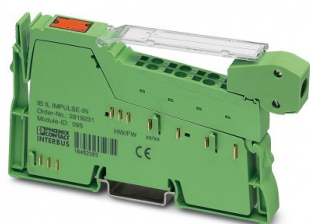


INDUSTRIAL COMPONENT DATA

IB IL IMPULSE-IN-PAC 2861768 PHOENIX CONTACT Inline function terminal

Brand: PHOENIX CONTACT | Manufacturer Part Number: IB IL IMPULSE-IN-PAC



Manufacturer	PHOENIX CONTACT
MPN / Reference	IB IL IMPULSE-IN-PAC
Catalog number	2861768
Category	Fieldbus, decentr. periphery - function-/technology module
Minimum order	1 Pcs
Document ID	EO-DA9A8F2132
Generated	2026-08-02

Product Overview

Inline function terminal

Inline registration terminal block for position transducers, complete with accessories (connector and marking surface), 1 input for inductive length scales with pulse interface (P interface)

Inline measurement terminal block for position encoder, complete with accessories (connector and labeling field), 1 input for inductive length measuring scales with the impulse interface (P interface)

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 2861768

Packing unit 1 pc

Catalog page Page 183 (C-6-2017)

GTIN 4017918934095

Weight per Piece (excluding packing) 71.000 g

Custom tariff number 85389091

Country of origin DE (Germany)

Note

Utilization restriction 1

Dimensions

Dimensional drawing

Width 12.2 mm

Height 135 mm

Depth 71.5 mm

Ambient conditions

Ambient temperature (operation) -25 °C ... 55 °C

Ambient temperature (storage/transport) -25 °C ... 85 °C

Permissible humidity (operation) 75 % ... 85 %

Permissible humidity (storage/transport) 75 % ... 85 %

Degree of protection IP20

General

Mounting type DIN rail

Net weight 71 g

Interfaces

Designation Inline local bus

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. 70 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 max. 250 mA (Short-circuit and overload protection)

Encoder data

Current carrying capacity max. 250 mA

Environmental Product Compliance

China RoHS Environmentally friendly use period: unlimited = EFUP-e

No hazardous substances above threshold values

Classifications

eCl@ss 4.027250302eCl@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 4.0EC00...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IB IL IMPULSE-IN-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.