INDUSTRIAL COMPONENT DATA

IB IL AI 2/SF-230-PAC 2861577 PHOENIX CONTACT Inline terminal

Brand: PHOENIX CONTACT | Manufacturer Part Number: IB IL AI 2/SF-230-PAC



Manufacturer	PHOENIX CONTACT
MPN / Reference	IB IL AI 2/SF-230-PAC
Catalog number	2861577
Category	Fieldbus, decentr. periphery - analogue I/O module
Minimum order	1 Pcs
Document ID	EO-5AB1942A74
Generated	2026-11-18

Product Overview

Inline terminal
Inline, Analog input module, Analog inputs: 2, 0 V ... 10 V, -10 V ... 10 V, 0 mA... 20 mA, 4 mA... 20 mA, -20 mA... 20 mA, connection technology: 2 conductors, transmission rate on the local bus: 500 kBit/s, Cut-off frequency from 3 dB to 230 Hz, protection index: IP20, including inline connector and marking surface

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 2861577
Packing unit 1 pc
Catalog page Page 280 (AX-2009)
GTIN 4017918907440
Weight per Piece (excluding packing) 47.000 g
Custom tariff number 85389091
Country of origin DE (Germany)
Note
Utilization restriction 1
Dimensions
Dimensional drawing

Width 12.2 mm
Height 136.8 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 47 g
Note on weight specifications with connector
Operating mode Process data operation with 2 words
Diagnostics messages Failure of the internal I/O supply Yes
Peripheral fault Error message in the process data
User error Error message in the process data
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 typ. 45 mA
max. 60 mA
Designation Supply of analog modules (UANA)
Supply voltage 24 V DC (via voltage jumper)
Supply voltage range 19.2 V DC ... 30 V DC (...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IB IL AI 2/SF-230-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.