

INDUSTRIAL COMPONENT DATA

IB IL AO 4/8/U/BP-2MBD-PAC 2878052 PHOENIX CONTACT

Inline terminal

Brand: PHOENIX CONTACT | Manufacturer Part Number: IB IL AO 4/8/U/BP-2MBD-PAC



Manufacturer	PHOENIX CONTACT
MPN / Reference	IB IL AO 4/8/U/BP-2MBD-PAC
Catalog number	2878052
Category	Fieldbus, decentr. periphery - analogue I/O module
Minimum order	1 Pcs
Document ID	EO-322F79AD61
Generated	2026-07-29

Product Overview

Inline terminal

Inline, Analog output terminal, Analog outputs: 8, 0 V ... 10 V, -10 V ... 10 V, 0 V ... 5 V, -5 V ... 5 V, connection technology: 2 conductors, transmission rate on the local bus: 2 MBit/s, protection rating: 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

Catalog path PHOENIX CONTACT > I/O

Additional Product Information

Key Commercial Data

Orderkey 2878052

Packing unit 1 pc

Catalog page Page 291 (AX-2009)

GTIN 4046356048453

Weight per Piece (excluding packing) 215.000 g

Custom tariff number 85389091

Country of origin DE (Germany)

Note

Utilization restriction 1

Dimensions

Dimensional drawing

Width 48.8 mm

Height 136.8 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) 10 % ... 95 % (according to DIN EN 61131-2)

Permissible humidity (storage/transport) 10 % ... 95 % (according to DIN EN 61131-2)

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 215 g

Interfaces

Designation Inline local bus

No. of channels 4

Connection method Inline data jumper

Transmission speed 2 Mbps

Transmission physics Copper

Inline potentials

Designation Communications power (UL)

Supply voltage 7.5 V DC (via voltage jumper)

Current consumption typ. 100 mA

max. 120 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 (including all tolerances, including ripple)

Current consumption typ. 72 mA

max. 95 mA

Analog outputs

Number of outputs 8

Connection technology 2-wire

Note regarding the connection technology shielded

Output name Analog outputs

D/A res...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / IB IL AO 4/8/U/BP-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

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.