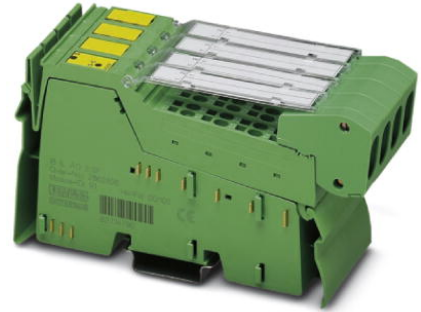


IB IL AO 4/8/U/BP-2MBD-PAC

Order No.: 2878052

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2878052>

Inline analog output terminal, complete with accessories (plug connector and labeling field), 8 outputs, 0 - 10 V, ± 10 V, transmission speed 2 MBaud, 2-conductor connection system

Commercial data	
GTIN (EAN)	4046356048453
sales group	K412
Pack	1 pcs.
Customs tariff	85389091
Weight/Piece	0.252 KG
Catalog page information	Page 291 (AX-2009)

Product notes

WEEE/RoHS-compliant since:
12/07/2009



<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data	
General data	
Width	48.8 mm
Height	136.8 mm
Depth	71.5 mm
Weight	215 g

Mounting type	DIN rail
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
Class of protection	Class 3 as per VDE 0106, IEC 61440

Interface

Name	Inline local bus
Type of connection	Inline data jumper
Transmission speed	2 Mbps
	2 MBit/s
Transmission physics	Copper

Inline potential routing

Communications voltage U_L	7.5 V DC (via voltage jumper)
Current consumption from U_L	max. 120 mA
	Typ. 100 mA
I/O supply voltage U_{ANA}	24 V DC
Current consumption from U_{ANA}	max. 95 mA
	Typ. 72 mA

Analog outputs

Number of outputs	8
Connection method	2-wire (shielded)
Output name	Analog outputs
Name of protection	Transient protection of outputs
Data formats	IB IL, IB ST, IB RT, standardized representation, S7 compatible
Representation of measured value	16 bits (15 bits + sign bit)
Process data update	< 2 ms (depends on operating mode)
Load/output load current output	> 2 k Ω

Voltage output signal	0 V ... 10 V
	-10 V ... 10 V
	0 V ... 5 V
	-5 V ... 5 V
Load/output load voltage output	> 2 kΩ 0.05 %
Precision	Typ. 0.1 % (of output range final value)

Certificates / Approvals



Certification CUL Listed, UL Listed

Accessories

Item	Designation	Description
------	-------------	-------------

Literature

2745554	IB IL SYS PRO UM	User Manual, German, for configuring and installing the INTERBUS Inline product range
2743048	IB IL SYS PRO UM E	User Manual, English, for configuring and installing the INTERBUS Inline product range

Marking

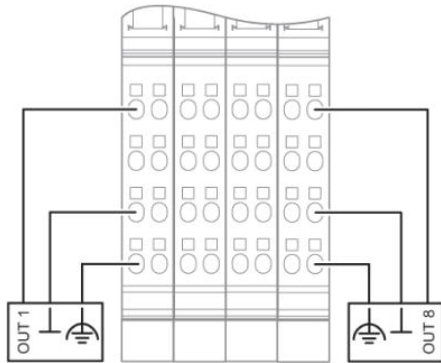
0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm

Plug/Adapter

2740245	IB IL SCN 6-SHIELD-TWIN	Shield connector, for analog Inline terminals
2726353	IB IL SCN-6 SHIELD	Shield connector, for analog Inline terminals

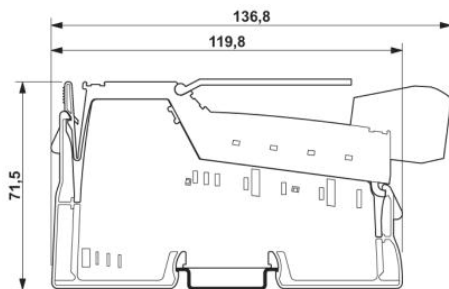
Diagrams/Drawings

Connection diagram



Block diagram

Dimensioned drawing



Address

PHOENIX CONTACT Inc., USA
586 Fulling Mill Road
Middletown, PA 17057, USA
Phone (800) 888-7388
Fax (717) 944-1625
<http://www.phoenixcon.com>



© 2010 Phoenix Contact
Technical modifications reserved;