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Extract from the online
catalog

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

Order No.: 2878036



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2878036>

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

Commercial data

GTIN (EAN)	 4 046356 048439
sales group	K412
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 291 (AX-2009)

Product notes

WEEE/RoHS-compliant since:
01/30/2008



<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

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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
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

Interface

Name	Inline local bus
Type of connection	Inline data jumper
Transmission speed	500 kbps
	500 kBit/s
Transmission physics	Copper

Inline potential routing

Communications power U_L	7.5 V DC (via voltage jumper)
Current consumption from U_L	Typ. 80 mA
I/O supply voltage U_{ANA}	24 V DC
Current consumption from U_{ANA}	Typ. 72 mA

Analog outputs

Number of outputs	8
Connection method	2-wire (shielded)
Output name	Analog outputs
Type of protection	Transient protection of outputs
Data formats	IB IL, IB ST, IB RT, standardized representation, S7 compatible
Measured value representation	16 bits (15 bits + sign bit)
Process data update	< 2 ms (depends on operating mode)
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)

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Certificates / Approvals



Certification

CUL Listed, UL Listed

Accessories

Item	Designation	Description
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Marking

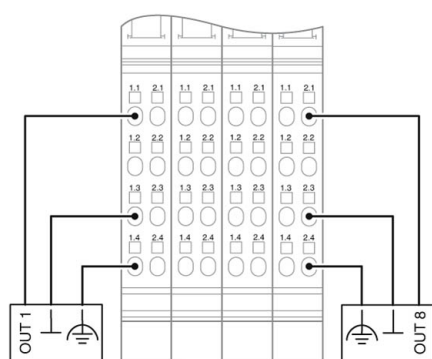
0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm

Plug/Adapter

2740245	IB IL SCN 6-SHIELD-TWIN	Inline shield connector
2726353	IB IL SCN-6 SHIELD	Inline shield connector

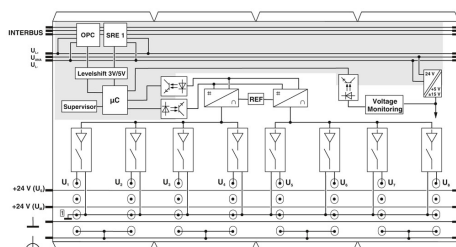
Diagrams/Drawings

Connection diagram

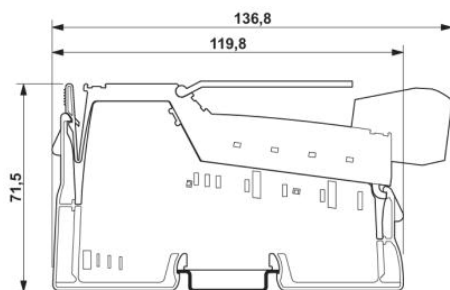


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Block diagram



Dimensioned drawing



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