

IB IL AO 2/U/BP-PAC


Order No.: 2861467



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Inline analog output terminal block, complete with accessories (connector and labeling field), 2 outputs, 0 - 10 V, ± 10 V, 2-wire connection method



Commercial data	
GTIN (EAN)	 4 017918 894382
sales group	K412
Pack	1 pcs.
Customs tariff	85389091
Catalog page information	Page 291 (AX-2009)

Product notes

WEEE/RoHS-compliant since:
04/11/2007



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Technical data	
General data	
Width	12.2 mm
Height	136.8 mm
Depth	71.5 mm

Weight	48 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
Protection class	III, IEC 61140, EN 61140, VDE 0140-1
Test section	7.5 V supply (bus logic), 24 V supply U_{ANA} / I/O 500 V AC 50 Hz 1 min
	7.5 V supply (bus logic), 24 V supply U_{ANA} /functional earth ground 500 V AC 50 Hz 1 min
	24 V supply (I/O) / functional earth ground 500 V AC 50 Hz 1 min

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	max. 40 mA
	Typ. 33 mA
I/O supply voltage U_{ANA}	24 V DC
Current consumption from U_{ANA}	max. 35 mA
	Typ. 25 mA

Analog outputs

Number of outputs	2
Connection method	2-wire (shielded)
Output name	Analog outputs
D/A conversion time	< 100 μ s
Type of protection	Transient protection of outputs

Data formats	IL, IB ST
Measured value representation	16 bits (15 bits + sign bit)
DAC resolution	13 Bit
Process data update	< 2 ms
Voltage output signal	0 V ... 10 V -10 V ... 10 V
Load/output load voltage output	> 2 kΩ 0.05 %
Precision	Typ. 0.02 % (of output range final value)

Certificates / Approvals



Certification ABS, CUL, DNV, GL, GOST, UL

Certification Ex: CUL-EX LIS, UL-EX LIS

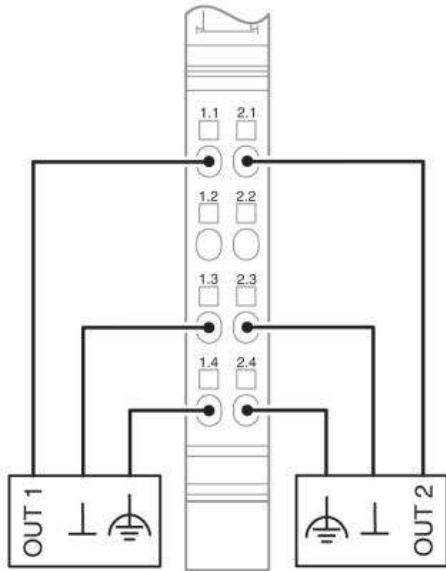
Certifications applied for: LR / BV

Accessories

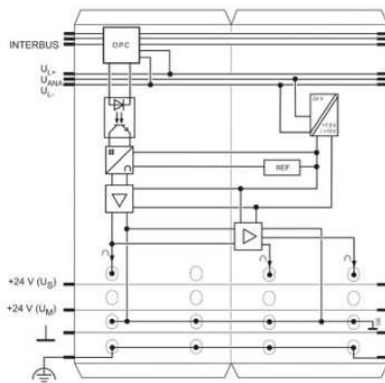
Item	Designation	Description
Marking		
0809492	ESL 62X10	Insert strip for laser printer, lettering field: 62 x 10 mm
2727501	IB IL FIELD 2	Labeling field, width: 12.2 mm
Plug/Adapter		
2732664	IB IL AO/CNT-PLSET	Connector set
2726353	IB IL SCN-6 SHIELD	Inline shield connector
2726337	IB IL SCN-8	Connector, for digital 1, 2 or 8-channel Inline terminals
2727608	IB IL SCN-8-CP	Inline connector, colored

Diagrams/Drawings

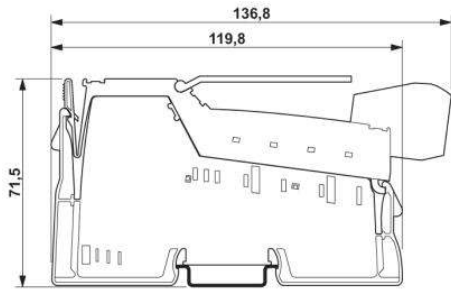
Connection diagram



Block diagram



Dimensioned drawing



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