

Inline terminal - IB IL AO 4/8/U/BP-PAC - 2878036

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

Product Features

- ✓ Short update time of < 1 ms
- ✓ Short-circuit-proof current outputs
- ✓ Measured value acquisition with 16-bit resolution
- ✓ Bipolar outputs



Key commercial data

Packing unit	1 pc
Weight per Piece (excluding packing)	252.4 GRM
Custom tariff number	85389091
Country of origin	Germany

Technical data

Note

Utilization restriction	EMC: class A product, see manufacturer's declaration in the download area
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Dimensions

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)

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Technical data

Ambient conditions

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

Weight	215 g
Note on weight specifications	with connectors
Mounting type	DIN rail
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

Interfaces

Designation	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kBit/s
Transmission physics	Copper

Inline potentials

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, 3-conductor
Output name	Analog outputs
Type of protection	Transient protection of outputs
Data formats	IB IL, IB ST, IB RT, standardized representation, S7 compatible
Representation of output values	16 bits (15 bits + sign)
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 k Ω 0.05 %
	typ. 0.1 % (of output range final value)

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Classifications

eCl@ss

eCl@ss 4.0	27250303
eCl@ss 4.1	27250303
eCl@ss 5.0	27250303
eCl@ss 5.1	27242601
eCl@ss 6.0	27242601
eCl@ss 7.0	27242601
eCl@ss 8.0	27242601

ETIM

ETIM 2.0	EC001431
ETIM 3.0	EC001596
ETIM 4.0	EC001596
ETIM 5.0	EC001596

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cUL Listed / cULus Listed / cULus Listed / cULus Listed / null / null / null / null

Ex Approvals

Approvals submitted

Approval details

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UL Listed 

cUL Listed 

cUL Listed 

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Accessories

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Labeling panel

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Accessories

Labeling field - IB IL FIELD 2 - 2727501

Labeling field, width: 12.2 mm



Plug

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



Inline shield connector

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



Inline shield connector

Terminal marking

Insert strip - ESL 62X10 - 0809492

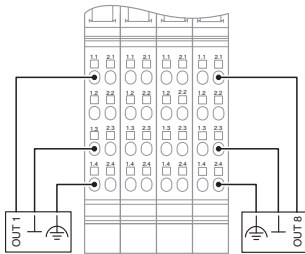


Insert strip, Sheet, white, unlabeled, can be labeled with: Office printing systems, Plotter: Laser printer, Mounting type: Insert, Lettering field: 62 x 10 mm

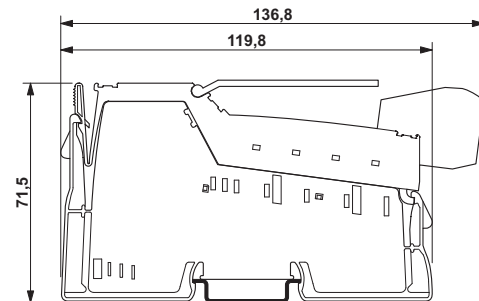
Drawings

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Connection diagram



Dimensioned drawing



Block diagram

