

Inline terminal - IB IL AO 2/U/BP - 2732732

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Inline analog output terminal block, without accessories, 2 outputs, 0-10 V, 10 V, 2-wire connection method

Product Description

The terminal is designed for use within an Inline station.
It is used to output analog voltage signals.



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 187125
GTIN	4017918187125

Technical data

Dimensions

Width	12.2 mm
Height	119.8 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	56.39 g

Interfaces

Designation	Inline local bus
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Technical data

Interfaces

No. of channels	2
Connection method	Inline data jumper
Transmission speed	500 kbps
Transmission physics	Copper

Inline potentials

Designation	Communications power (U_L)
Supply voltage	7.5 V DC (via voltage jumper)
Current consumption	typ. 33 mA
	max. 40 mA
Designation	Supply of analog modules (U_{ANA})
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. 25 mA
	max. 35 mA

Analog outputs

Number of outputs	2
Connection technology	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
Representation of output values	16 bits (15 bits + sign)
DAC resolution	13 Bit
Process data update	< 2 ms
Load/output load current output	> 2 k Ω
Voltage output signal	0 V ... 10 V
	-10 V ... 10 V
Load/output load voltage output	> 2 k Ω 0.05 %
Precision	typ. 0.02 % (of output range final value)

Standards and Regulations

Connection in acc. with standard	CUL
Protection class	III, IEC 61140, EN 61140, VDE 0140-1

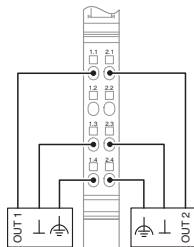
Environmental Product Compliance

China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

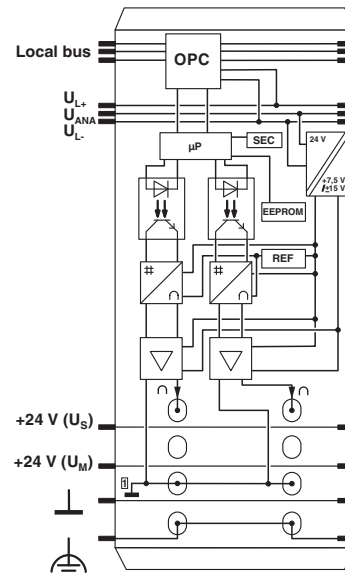
Drawings

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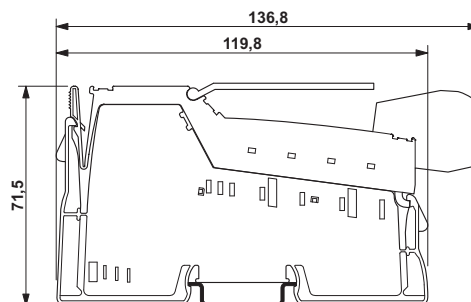
Connection diagram



Block diagram



Dimensional drawing



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