

## Inline terminal - IB IL EX-IS DIO 4/NAM-PAC - 2869911

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Inline intrinsically safe digital I/O terminal, 4 configurable input/output channels, complete with accessories

### Your advantages

- NAMUR sensors supported (EN 60947-5-6)
- 4 configurable I/O channels
- Single-channel diagnostics
- 8.2 V sensor supply



### Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 470209
GTIN	4046356470209

### 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	119.8 mm
Depth	71.5 mm

#### Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 70 °C
Permissible humidity (operation)	10 % ... 95 % (according to DIN EN 61131-2)
Air pressure (storage/transport)	70 kPa ... 106 kPa (up to 3000 m above sea level)
Degree of protection	IP20

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## Technical data

### Ambient conditions

	IP20
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### General

Mounting type	DIN rail
Color	blue
Net weight	204 g

### Interfaces

Designation	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kbps

### Inline potentials

Designation	Communications power (U <sub>L</sub> )
Supply voltage	5 V DC (via voltage jumper)
Current consumption	max. 50 mA
Supply voltage	28 V DC
Current consumption	max. 190 mA
Power consumption	4.8 W (per channel)

### Digital inputs

Input name	Digital inputs
Description of the input	Can be configured as input or output
Connection method	Inline connector
Connection technology	2-wire
Number of inputs	4
Protective circuit	Polarity protection, surge protection

### Digital outputs

Output name	Digital outputs
Output description	Digital passive output
Connection method	Inline connector
Connection technology	3-wire
Number of outputs	4
Protective circuit	Polarity protection, surge protection
Output voltage	24 V
Nominal output voltage	24 V DC

### Standards and Regulations

Group	IIC (A, B)
	IIB, [IIIC, IIIB] (C, E, F, G)
	IIA (D)
	IIC (A, B)
	IIB, [IIIC, IIIB] (C, E, F, G)

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## Technical data

### Standards and Regulations

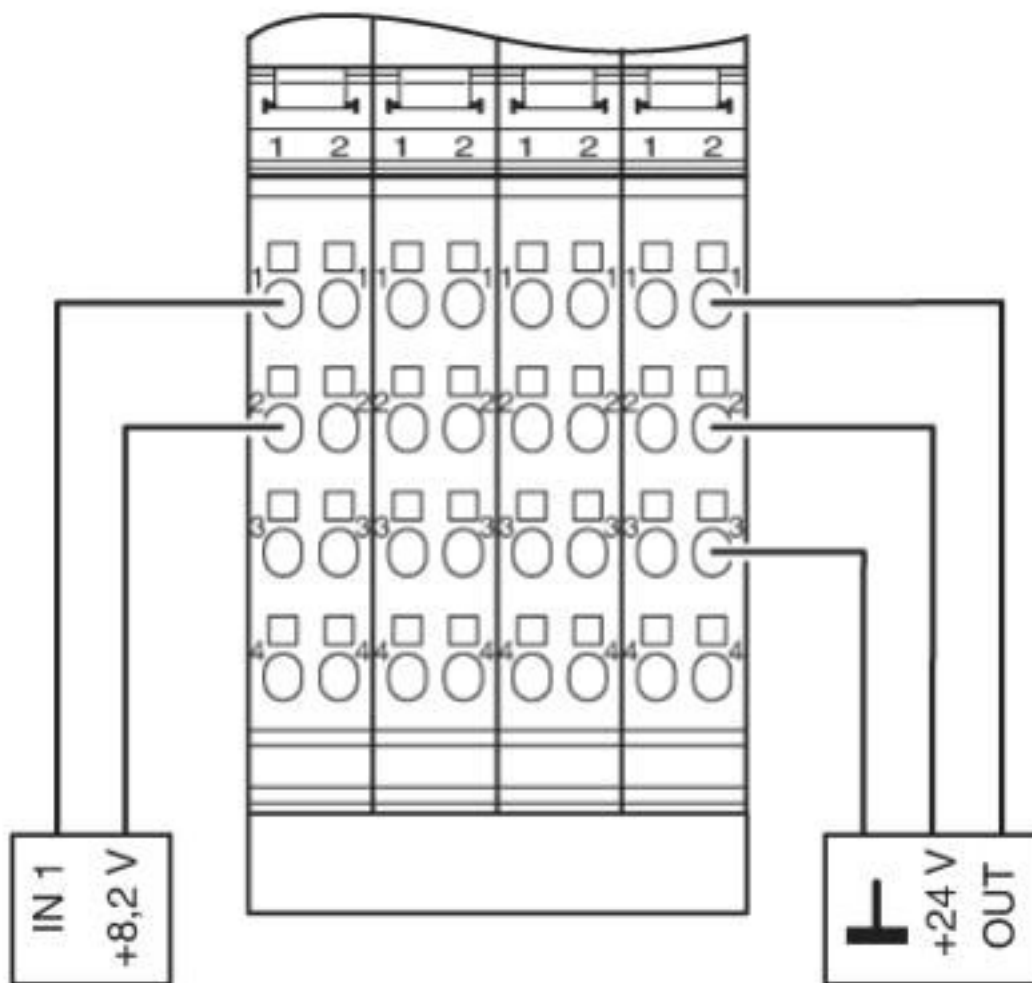
	IIA (D)
ATEX	# II 3(1)GD Ex ec [ia Ga Da] IIC T4 Gc Sira 09ATEX2339X
IECEX	Ex ec [ia Ga Da] IIC T4 Gc IECEX SIR 10.0033X
UL, USA/Canada	Class I, Div. 2, Groups A, B, C, D
Protection class	III (IEC 61140, EN 61140, VDE 0140-1)

### Environmental Product Compliance

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

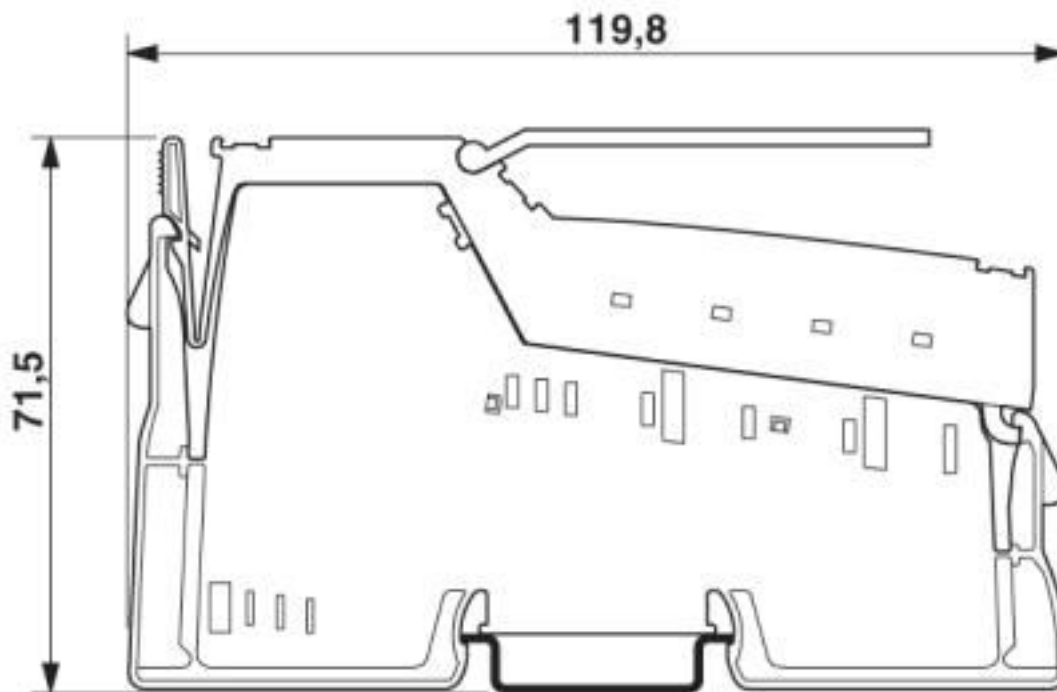
## Drawings

Connection diagram



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Dimensional drawing



## Classifications

### eCl@ss

eCl@ss 10.0.1	27242604
eCl@ss 4.0	27240400
eCl@ss 4.1	27240400
eCl@ss 5.0	27242200
eCl@ss 5.1	27242600
eCl@ss 6.0	27242600
eCl@ss 7.0	27242604
eCl@ss 8.0	27242604
eCl@ss 9.0	27242604

### ETIM

ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 5.0	EC001599
ETIM 6.0	EC001599
ETIM 7.0	EC001599

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404

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### Classifications

#### UNSPSC

UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	32151602
UNSPSC 18.0	32151602
UNSPSC 19.0	32151602
UNSPSC 20.0	32151602
UNSPSC 21.0	32151602

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[3G2A5IA122](#) [3G2A5LK010E](#) [3G2A5OA223](#)