

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://phoenixcontact.com/download>)




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
Weight per Piece (excluding packing)	204.000 g
Custom tariff number	85389099
Country of origin	United States

Technical data

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

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

Technical data

Ambient conditions

	IP20
--	------

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 _L)
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)

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

Technical data

Standards and Regulations

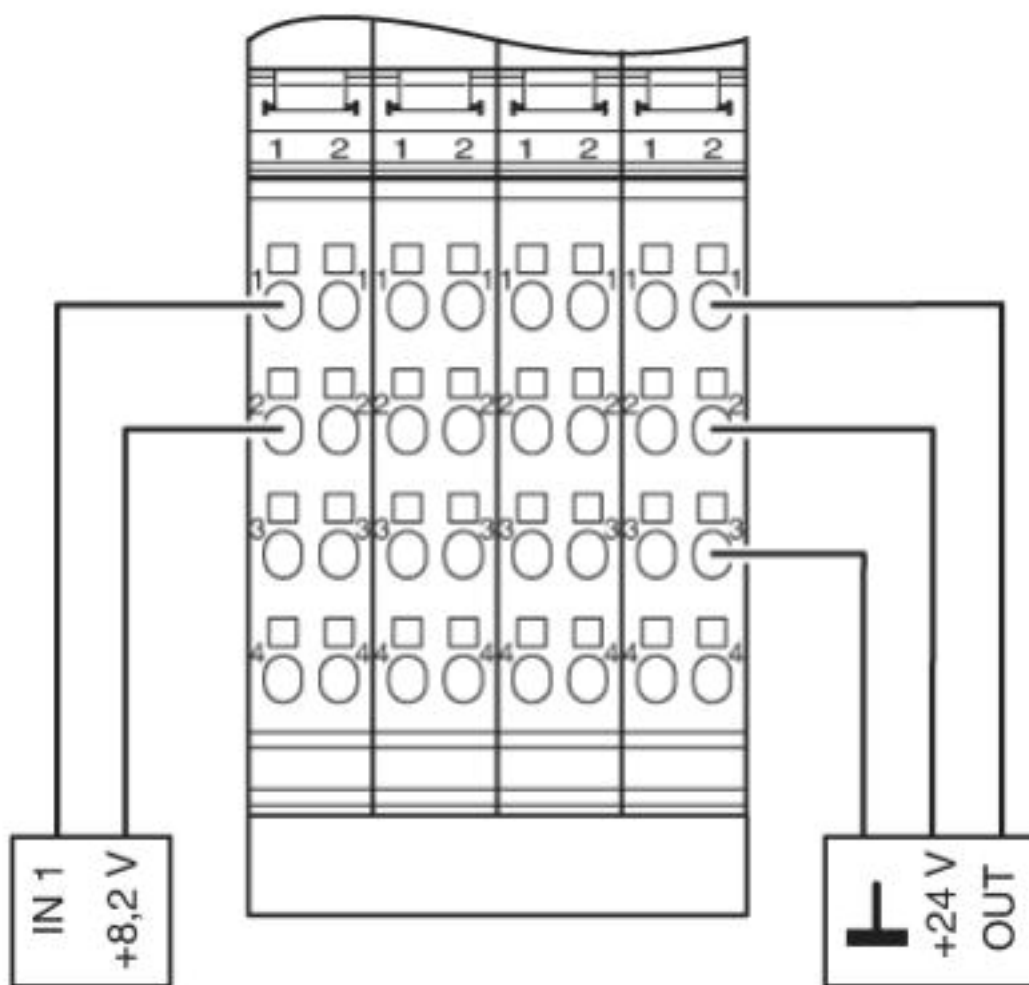
	IIA (D)
ATEX	# II 3(1)GD Ex ec [ia Ga Da] IIC T4 Gc Sira 09ATEX2339X
IECEX	Ex ec [ia Ga Da] IIC T4 Gc IECEX SIR 10.0033X
UL, USA/Canada	Class I, Div. 2, Groups A, B, C, D
Protection class	III (IEC 61140, EN 61140, VDE 0140-1)

Environmental Product Compliance

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

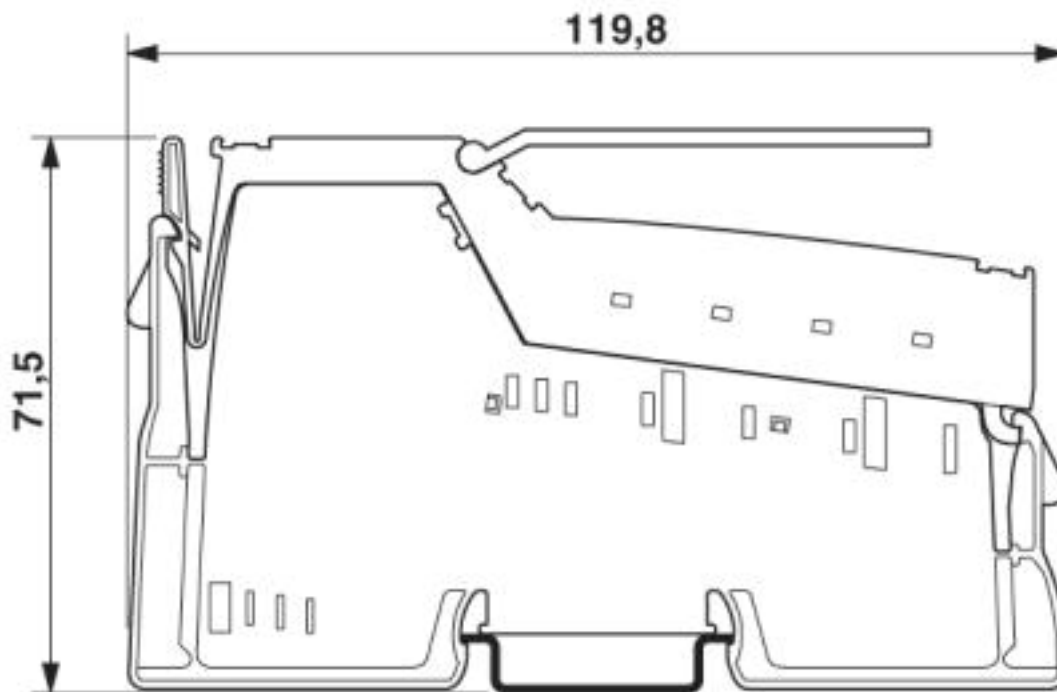
Drawings

Connection diagram



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

Dimensional drawing



Classifications

eCl@ss

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
UNSPSC 11	43172015

<https://www.phoenixcontact.com/gb/products/2869911>



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

Classifications

UNSPSC

UNSPSC 12.01	43201404
UNSPSC 13.2	32151602

Phoenix Contact 2019 © - all rights reserved
<http://www.phoenixcontact.com>



SCATTERGOOD & JOHNSON LTD

ELECTRICAL ENGINEERING & FLUID CONTROL DISTRIBUTORS

Est.1899

At Scattergood & Johnson Ltd, we pride ourselves on being a technical distributor to specialist industries.

Working with a range of quality product suppliers across a number of specialist markets, we are not your average 'box shifter' - we are your technical and supply chain partner.

We fully support every product we sell - for free! Our internal team and external sales engineers can answer any product or application question, no matter the complexity.

Backing up this technical ability is a range of 50,000+ products available from stock for nationwide next day delivery (same day if required!), or you can collect what you need from any of our trade counters around the UK.

Select your specialist interest below to learn more about how we can help.



Online, In Branch and On the Road - Scattergood & Johnson Ltd, there when you need us.

www.scatts.co.uk