

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

Why buy this product

- 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 STK
GTIN	 4 046356 470209

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

General

Net weight	204 g
Mounting type	DIN rail

Interfaces

Fieldbus system	Lokalbus
Designation	Inline local bus
Connection method	Inline data jumper
Transmission speed	500 kBit/s

Power supply for module electronics

Connection method	Inline potential distributor
Power dissipation	4.8 W (per channel)

Inline potentials

Supply for main circuit U_{Ex}	28 V DC
Current consumption from U_{Ex}	max. 190 mA
Communications power U_L	5 V DC (via voltage jumper)
Current consumption from U_L	max. 50 mA

Digital inputs

Input name	Digital inputs
Description of the input	Can be configured as input or output
Connection method	Inline connector
	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
	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
	IIB
	IIA
	IIC
	IIB
	IIA

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Standards and Regulations

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

Classifications

eCl@ss

eCl@ss 4.0	27240404
eCl@ss 4.1	27240404
eCl@ss 5.0	27242204
eCl@ss 5.1	27242604
eCl@ss 6.0	27242604
eCl@ss 7.0	27242604
eCl@ss 8.0	27242604
eCl@ss 9.0	27242604

ETIM

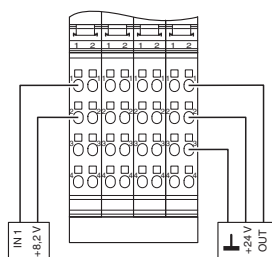
ETIM 3.0	EC001599
ETIM 4.0	EC001599
ETIM 5.0	EC001599

UNSPSC

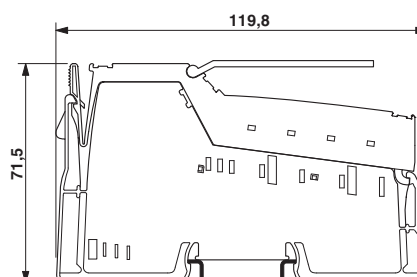
UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

Drawings

Connection diagram



Dimensional drawing



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