

I/O extension module - NLC-IO-4AI - 2701098

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I/O extension module for use with Nanoline base unit. Equipped with 4 analog input channels. A maximum of three I/O extension modules can be attached to a base unit.

Your advantages

- ✓ Automatically recognized by the firmware
- ✓ I/O modules are electrically isolated
- ✓ Can be powered from a secondary power supply
- ✓ A system may have up to 8 analog inputs and 8 analog outputs
- ✓ Configuration options for 0 - 10 V DC, ± 10 V DC, 4 - 20 mA, and 0 - 20 mA
- ✓ Up to 3 modules can be added to the right side of a base unit

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 325318
GTIN	4046356325318
Weight per Piece (excluding packing)	150.000 g
Custom tariff number	85389099
Country of origin	India

Technical data

Note

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

Width	40 mm
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Technical data

Dimensions

Height	103.5 mm
Depth	43 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

Supply

Supply voltage	24 V DC
Supply current	nom. 50 µA
	max. 90 µA

Analog inputs

Description of the input	Single ended
Input name	Analog inputs
Number of inputs	4 (Voltage or current can be chosen separately)
Connection method	Individual wires
Connection technology	Screw connection
A/D converter resolution	12 bit
Limit frequency (3 dB)	5 Hz
Current input signal	0 mA ... 20 mA
	4 mA ... 20 mA
Input resistance current input	120 Ω
Voltage input signal	0 V ... 10 V
	-10 V ... 10 V
Input resistance of voltage input	200 kΩ

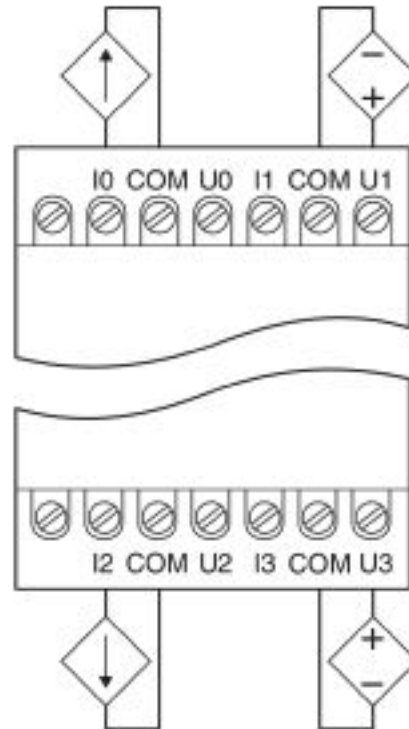
Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Drawings

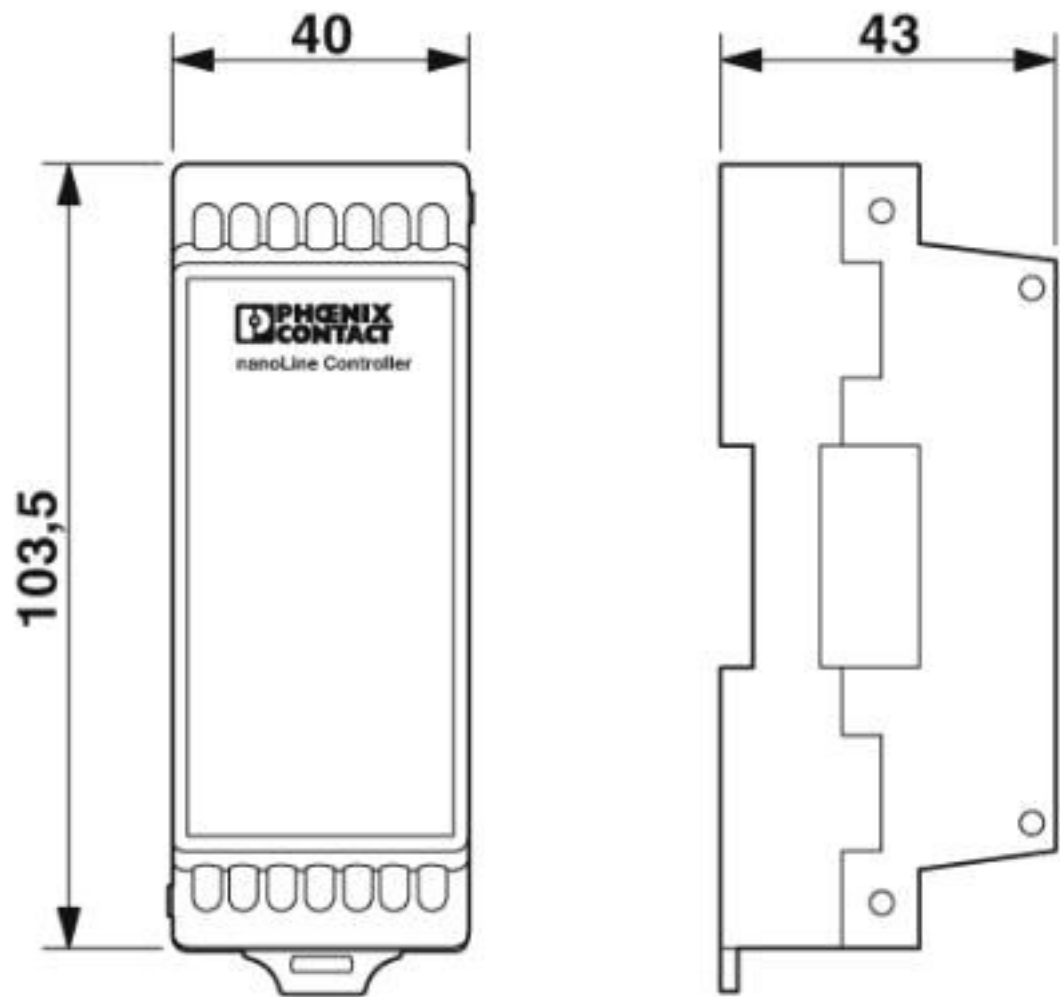
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Connection diagram



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Dimensional drawing



Classifications

eCl@ss

eCl@ss 10.0.1	27242216
eCl@ss 4.0	27250300
eCl@ss 4.1	27250300
eCl@ss 5.0	27242700
eCl@ss 5.1	27242700
eCl@ss 6.0	27242200
eCl@ss 7.0	27242216
eCl@ss 8.0	27242216

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Classifications

eCl@ss

eCl@ss 9.0	27242216
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ETIM

ETIM 2.0	EC001417
ETIM 3.0	EC001417
ETIM 4.0	EC001417
ETIM 5.0	EC001417
ETIM 6.0	EC001417
ETIM 7.0	EC001417

UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	39122329
UNSPSC 18.0	39122329
UNSPSC 19.0	39122329
UNSPSC 20.0	39122329
UNSPSC 21.0	39122329

Approvals

Approvals

Approvals

UL Listed / EAC

Ex Approvals

Approval details

UL Listed



<http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm>

FILE E 238705

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Approvals

EAC



EAC-Zulassung