

I/O extension module - NLC-IO-2AI-2AO-01 - 2701040

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I/O extension module for use with Nanoline base unit. Equipped with 2 analog input (0...10 V DC, -10...+10 V DC, 0/4...20 mA) and 2 analog output (0...10 V DC, 0/4...20 mA) channels. A maximum of three I/O extension modules can be attached to a base unit.



Key commercial data

| | |
|--------------------------------------|-----------|
| Packing unit | 1 pc |
| Weight per Piece (excluding packing) | 200.0 GRM |
| 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 |
|-------------------------|---|

Dimensions

| | |
|--------|----------|
| Width | 40 mm |
| 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 voltage range | 18 V DC ... 24 V DC |
| Supply current | 100 mA |

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Technical data

Analog inputs

| | |
|-----------------------------------|---|
| Number of inputs | 2 (Voltage or current can be chosen separately) |
| Connection method | Individual wires |
| | Screw connection |
| Input name | Analog inputs |
| Resolution A/D | 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 k Ω |
| Precision | 1 % |

Analog outputs

| | |
|---------------------------------|------------------|
| Number of outputs | 2 |
| Connection method | Individual wires |
| | Screw connection |
| Output name | Analog outputs |
| D/A resolution | 12 bit |
| Current output signal | 0 mA ... 20 mA |
| | 4 mA ... 20 mA |
| Load/output load current output | 500 Ω |
| Voltage output signal | 0 V ... 10 V |
| Load/output load voltage output | 1000 Ω |
| Precision | 1 % |

Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27240101 |
| eCl@ss 4.1 | 27240101 |
| eCl@ss 5.0 | 27242216 |
| eCl@ss 5.1 | 27242216 |
| eCl@ss 6.0 | 27242216 |
| eCl@ss 7.0 | 27242216 |
| eCl@ss 8.0 | 27242216 |

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Classifications

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC001417 |
| ETIM 3.0 | EC001417 |
| ETIM 4.0 | EC001417 |
| ETIM 5.0 | EC001417 |

UNSPSC

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

Approvals

Approvals


Approvals

UL Listed

Ex Approvals

Approvals submitted

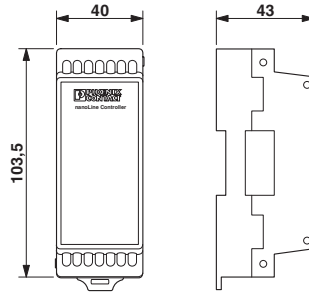
Approval details

| |
|---|
| UL Listed  |
|---|

Drawings

I/O extension module - NLC-IO-2AI-2AO-01 - 2701040

Dimensioned drawing



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