

I/O extension module - NLC-IO-06I-04QTN-01A - 2701085

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I/O extension module for use with Nanoline base unit. Equipped with 6 digital input and 4 NPN digital output channels. A maximum of three I/O extension modules can be attached to a base unit.

Product Features

- Automatically recognized by the firmware
- I/O modules are electrically isolated
- Up to 3 modules can be added to the right side of a base unit
- Can be powered from a secondary power supply

Key commercial data

package_quantity	1
GTIN	4046356325325

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
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

Connection method	Screw connection
Supply voltage	24 V DC
Supply current	typ. 50 mA
Supply current	max. 90 mA

Digital inputs

Input name	Digital inputs
Description of the input	PNP/NPN

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Technical data

Digital inputs

Connection method	Screw connection
Number of inputs	6
Typical response time	60 µs (on)
Typical response time	70 µs (off)
Input voltage range "0" signal	0 V DC ... 5 V DC
Input voltage range "1" signal	15 V DC ... 30 V DC
Nominal input current at U _{IN}	5 mA DC (On)

Digital outputs

Output name	Digital outputs
Output description	NPN outputs
Connection method	Screw connection
Number of outputs	4
Protective circuit	Short-circuit and overload protection
Maximum output current per channel	500 mA
Maximum output current per module / terminal block	2 A
Maximum output current per module	2 A
Nominal load, inductive	12 VA ((1.2H))
Nominal load, lamp	12 W
Nominal load, ohmic	12 W

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

ETIM

ETIM 2.0	EC001417
ETIM 3.0	EC001417
ETIM 4.0	EC002584
ETIM 5.0	EC001417

UNSPSC

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

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classifications

UNSPSC

UNSPSC 13.2	43201404
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approvals

UL Listed /

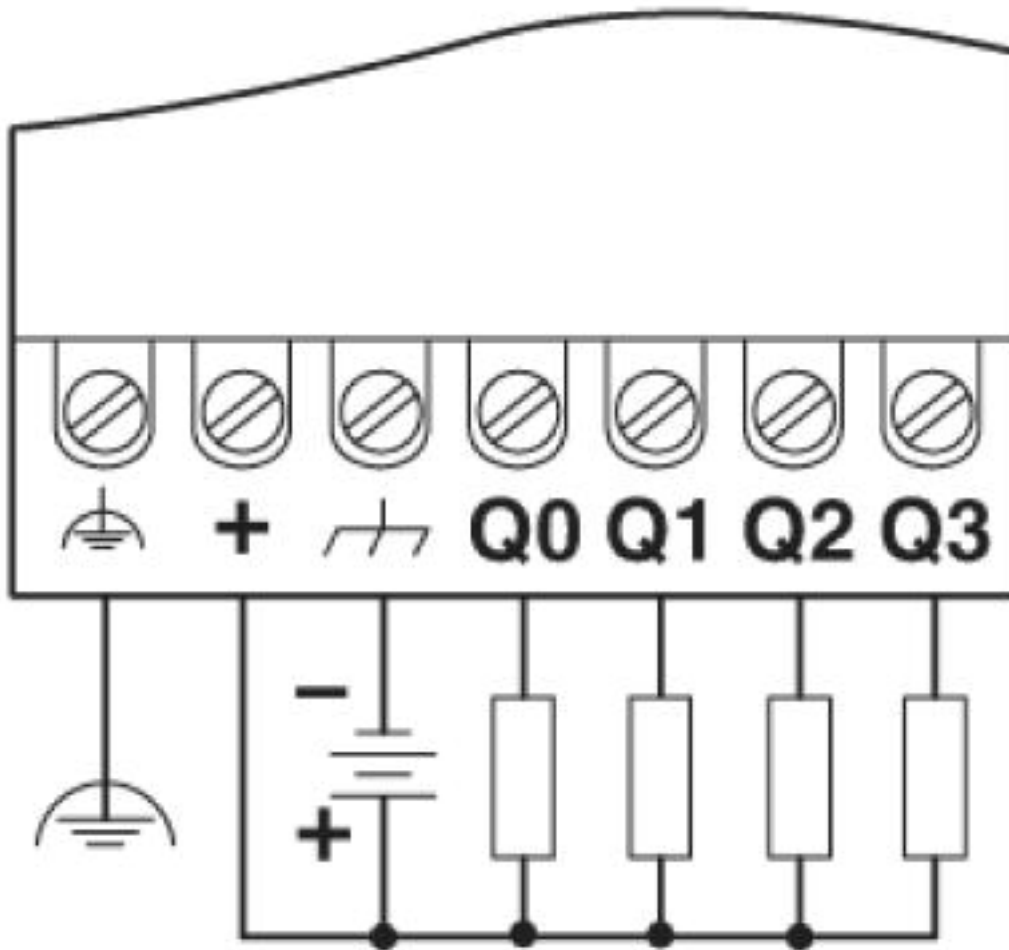
Approval details



Drawings

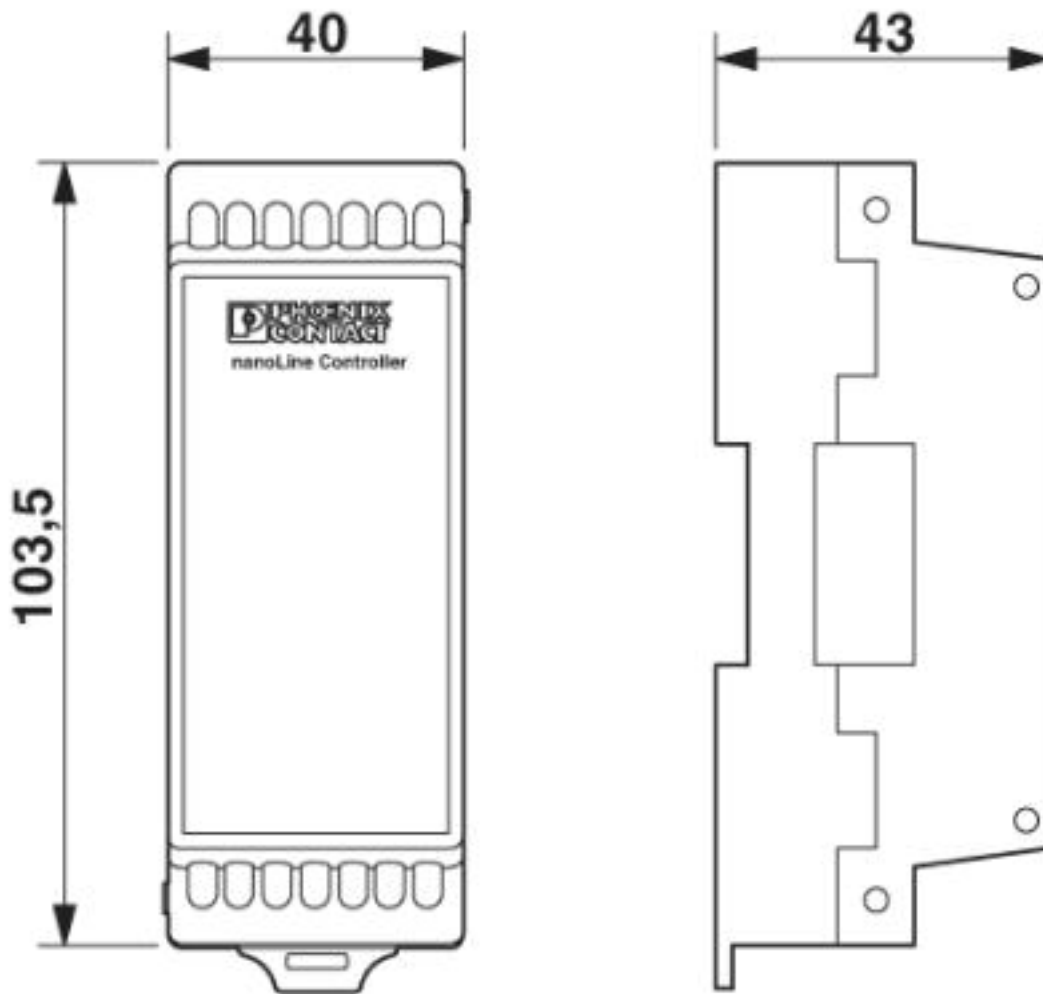
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Connection diagram



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Dimensioned drawing



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