

## I/O extension module - NLC-IO-06I-04QTP-01A - 2701072

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I/O extension module for use with Nanoline base unit. Equipped with 6 digital input and 4 PNP digital output 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
- ✓ 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

Packing unit	1 pc
GTIN	 4 046356 325332
GTIN	4046356325332
Weight per Piece (excluding packing)	137.600 g
Custom tariff number	85389099
Country of origin	India

### Technical data

#### 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

## I/O extension module - NLC-IO-06I-04QTP-01A - 2701072

### Technical data

#### Supply

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

#### Digital inputs

Input name	Digital inputs
Description of the input	PNP/NPN
Connection method	Screw connection
Number of inputs	6
Typical response time	60 µs (on)
	70 µs (OFF)
Nominal input voltage $U_{IN}$	24 V DC
Nominal input current at $U_{IN}$	5 mA DC (On)
Input voltage range "0" signal	0 V DC ... 5 V DC
Input voltage range "1" signal	15 V DC ... 30 V DC

#### Digital outputs

Output name	Digital outputs
Output description	PNP 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

#### General

Mounting type	DIN rail mounting
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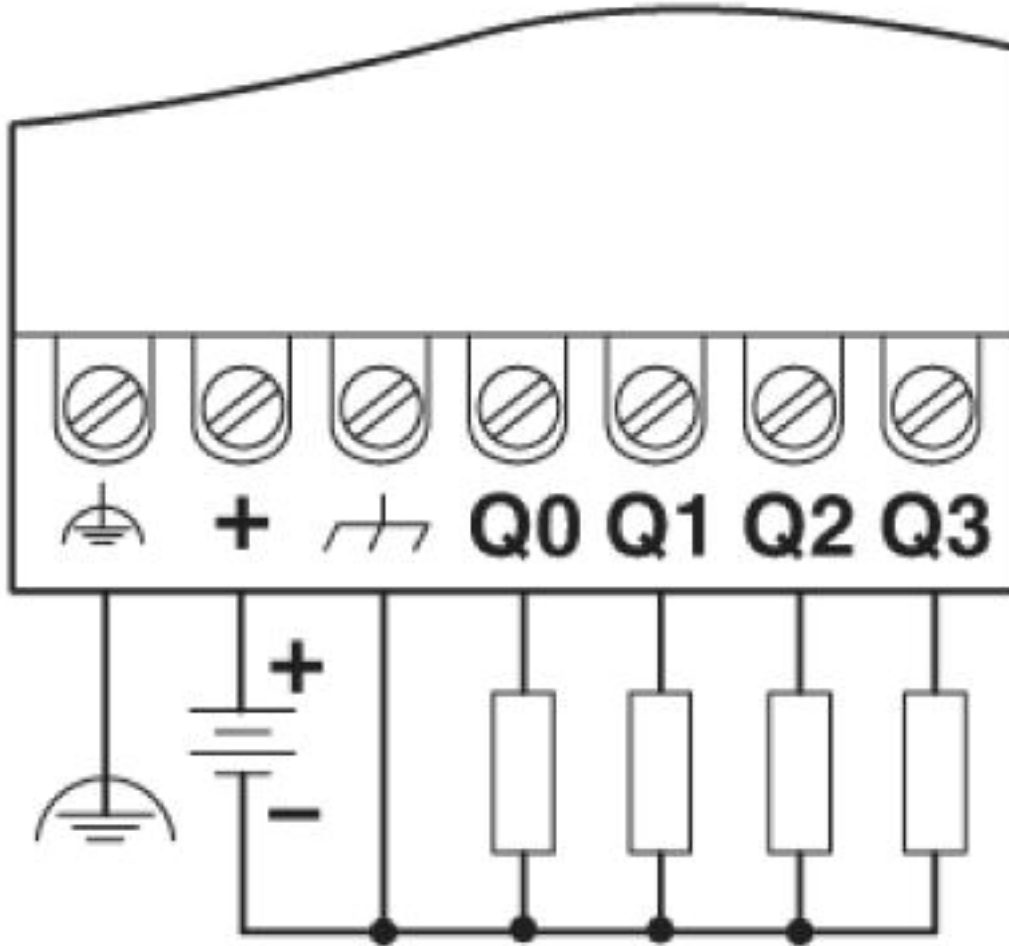
#### Environmental Product Compliance

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

#### Drawings

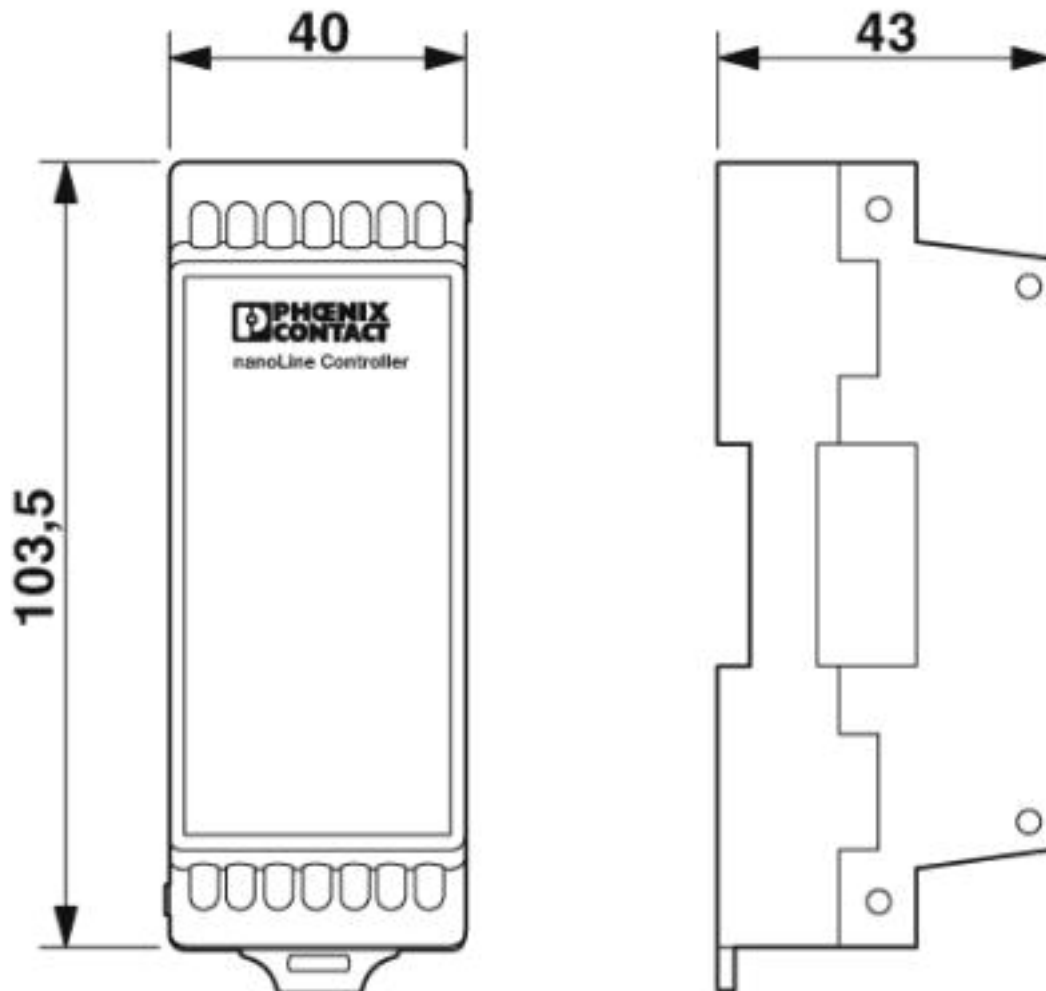
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Connection diagram



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Dimensional drawing



### Classifications

#### eCl@ss

eCl@ss 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
eCl@ss 9.0	27242216

#### ETIM

ETIM 2.0	EC001417
ETIM 3.0	EC001417

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## Classifications

### ETIM

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

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Approvals

UL Listed / EAC

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Ex Approvals

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### Approval details

UL Listed		<a href="http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm">http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm</a>	FILE E 238705
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EAC		EAC-Zulassung
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