

I/O extension module - NLC-IO-03I-04QRD-05A - 2701328

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I/O extension module for use with Nanoline 24 V DC base unit. Equipped with 3 digital input and 4, 5 A relay 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	4046356325493

Technical data

Dimensions

Width	40 mm
Height	103.5 mm
Depth	43 mm

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

Supply

Connection method	Screw connection
Supply voltage	24 V AC/DC
Supply current	typ. 300 mA
Supply current	max. 500 mA

Digital inputs

Input name	Digital inputs
Description of the input	PNP/NPN
Connection method	Screw connection
Number of inputs	3
Typical response time	60 µs (on)

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Technical data

Digital inputs

Typical response time	70 µs (off)
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Digital outputs

Output name	Relay output
Output description	Relay output
Connection method	Screw connection
Number of outputs	4
Maximum output current per channel	5 A
Maximum output current per module / terminal block	20 A
Maximum output current per module	20 A

General

Mounting type	DIN rail
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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	EC002584

UNSPSC

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

approvals

UL Listed /

Approval details

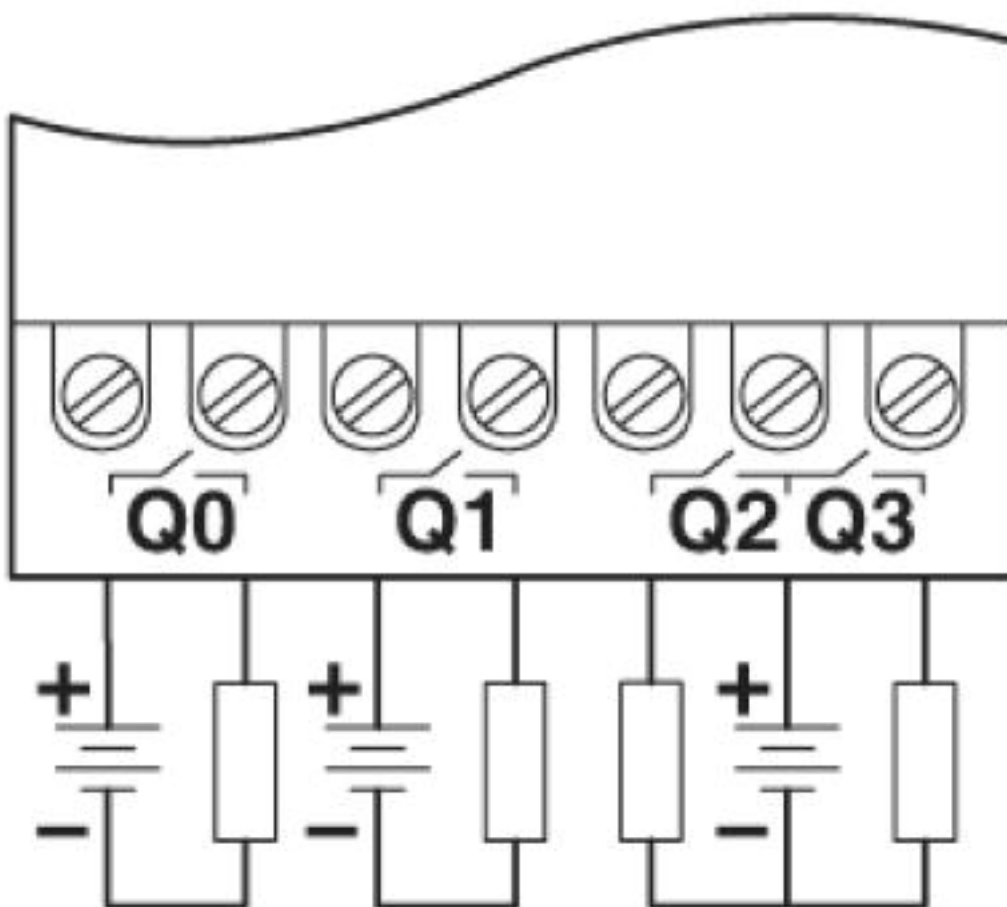
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approvals



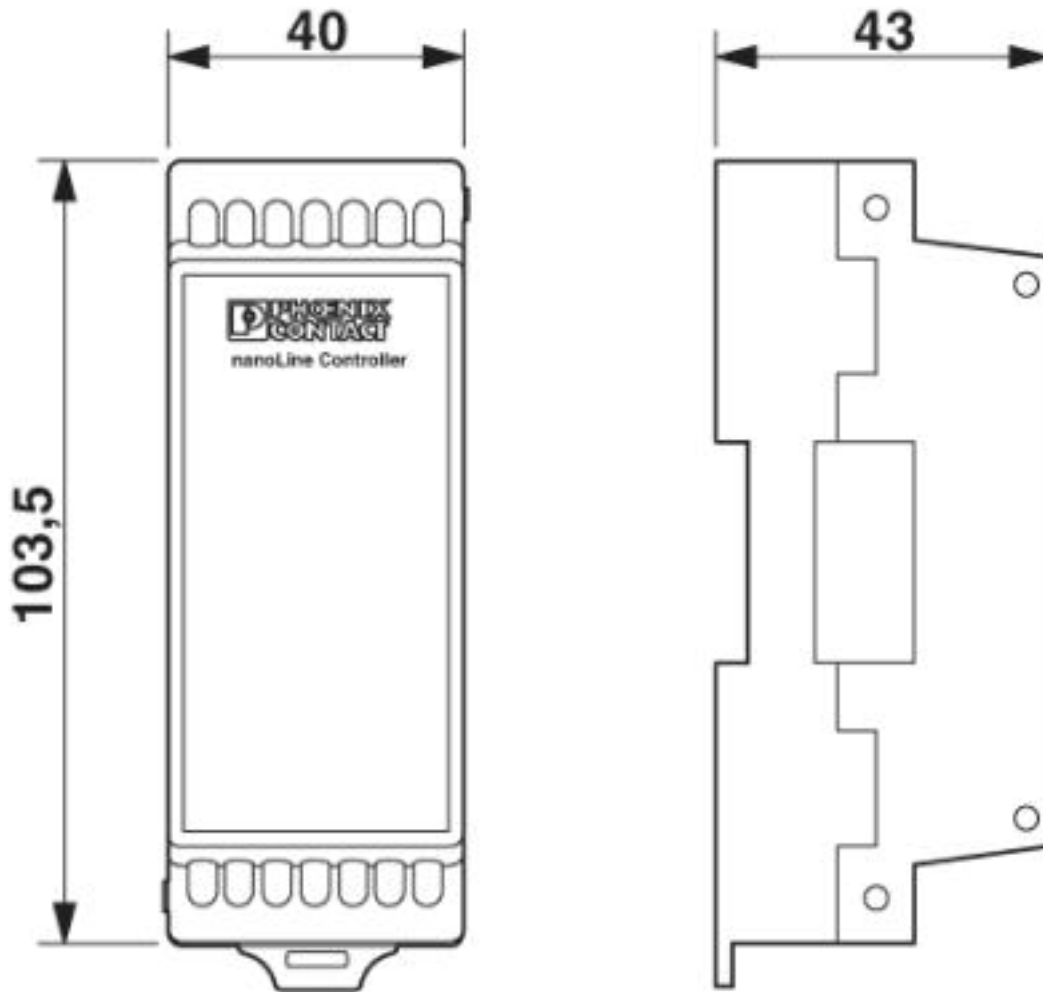
Drawings

Connection diagram



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Dimensioned drawing



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