

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.

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 325325
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

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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)
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
Type of protection	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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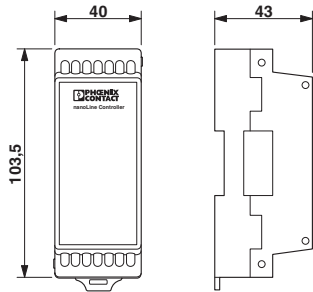
Environmental Product Compliance

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

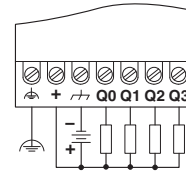
Drawings

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Dimensional drawing



Connection diagram



Approvals

Approvals

Approvals

UL Listed

Ex Approvals

Approval details

UL Listed



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

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