

Base unit - NLC-035-024D-04I-02QRD-05A - 2702031


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24 V DC Nanoline base unit. Equipped with 4 digital input and 2 relay output channels. Two inputs may be configured as analog inputs and two may be configured as high-speed counters. Accepts one additional expansion unit. Onboard RJ11 connector provides programming, serial connectivity and communication to remote operator panel. Programming is via nanoNavigator.



Key Commercial Data

Packing unit	1 pc
GTIN	 4 046356 949521
GTIN	4046356949521
Weight per Piece (excluding packing)	200.000 g
Custom tariff number	85371098
Country of origin	India

Technical data

Dimensions

Width	40 mm
Height	103.5 mm
Depth	43 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 70 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	90 %

Supply

Power supply connection	Screw connection
Supply voltage	24 V DC (Power available to the I/O and Communications modules)

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Technical data

Supply

Supply voltage range	19.2 V DC ... 30 V DC
Max. current consumption	81 mA
Typical current consumption	74 mA

Software interfaces

Programming tool	nanoNavigator 4.2 or above
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Digital inputs

Input name	Digital inputs
Description of the input	PNP
Connection method	Screw connection
Number of inputs	4
Typical response time	10 µs (Channel 1 and 2) 2 ms (Channel 3 and 4)
Input voltage range "0" signal	0 V DC ... 5 V DC
Input voltage range "1" signal	11 V DC ... 30 V DC
Nominal input current at U _{IN}	1.2 mA (Channel 1 and 2)

Digital outputs

Output name	Relay output
Output description	Relay output
Connection method	Screw connection
Number of outputs	2
Maximum output current per channel	5 A
Maximum output current per module / terminal block	10 A
Maximum output current per module	10 A

General

Mounting type	DIN rail mounting
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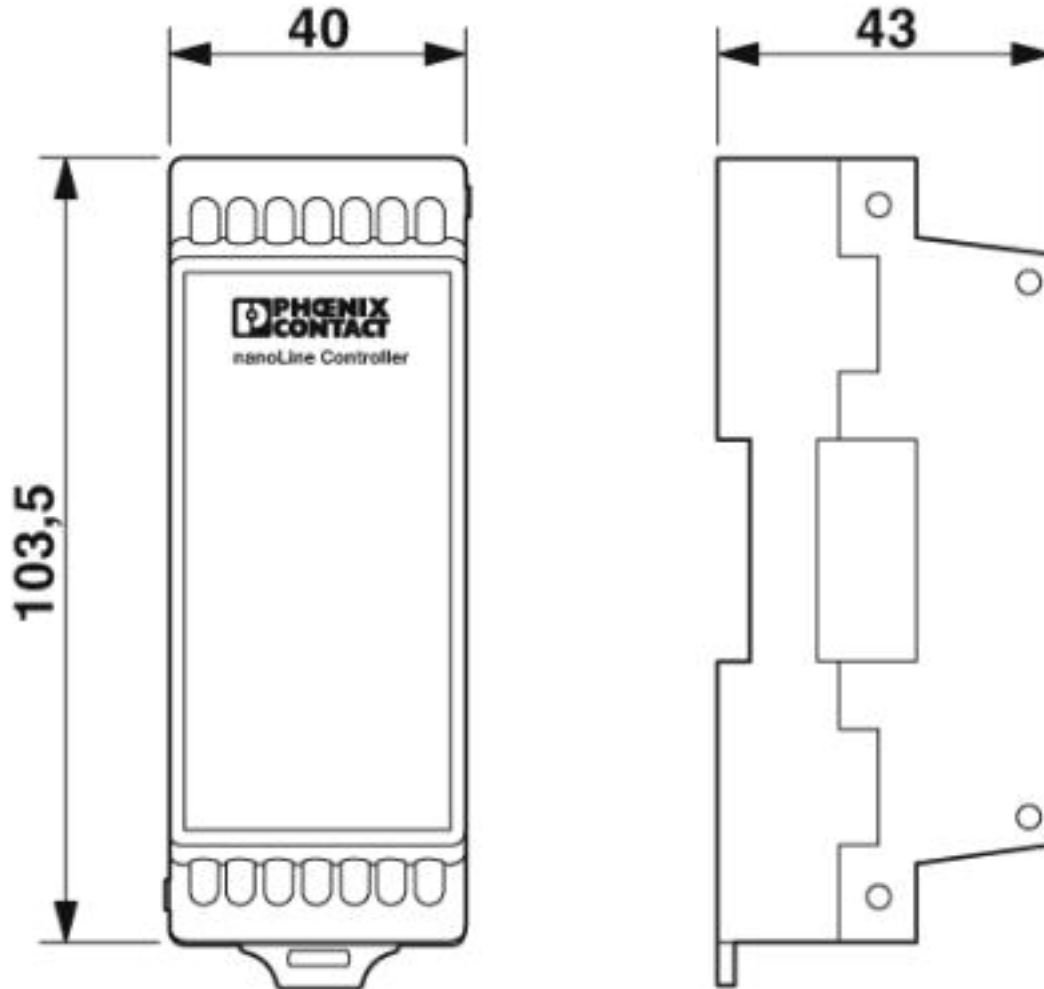
Environmental Product Compliance

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



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

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Classifications

ETIM

ETIM 2.0	EC001417
ETIM 3.0	EC001417
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

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 238705
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cULus Listed			
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Accessories

Accessories

Extension module

I/O extension module - NLC-IOX-04I-02QRD-05A - 2702032



I/O extension module for use with NLC-035... and NLC-040 base units. Equipped with 4 digital input and 2 relay output channels. A maximum of one I/O extension modules can be attached to the base unit.

Programming cable

Cable - NLC-USB TO SERIAL-CBL 2M - 2400111



Cable, serial, USB to RJ11/12