

Base unit - NLC-050-024X-08I-04QRX-05A - 2701056

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24 V AC/DC Nanoline base unit. Equipped with 8 digital input and 4 relay output channels. Additional I/O channels can be added using a maximum of three I/O extension modules. Optional communication modules provide network or serial connectivity. Optional Operator Panel provides user interface. Programming is via nanoNavigator.

Your advantages

- ✓ An operator panel can be integrated in the basic unit or installed remotely on a panel as an option
- ✓ Intuitive programming language with options for flowcharts and ladder diagrams
- ✓ Basic unit has integrated digital inputs, relay outputs, and analog inputs, including high-speed counters

Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356325356

Technical data

Dimensions

Width	80.5 mm
Height	103.5 mm
Depth	60 mm

Ambient conditions

Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	90 %

Supply

Power supply connection	Screw connection
Supply voltage	24 V AC/DC (Power available to the I/O and Communications modules)
Supply voltage range	19 V DC ... 30 V DC
Max. current consumption	250 mA

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Technical data

Supply

Typical current consumption	150 mA (@ 24 V AC/DC)
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Software interfaces

Programming tool	nanoNavigator 1 or 2
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Digital inputs

Input name	Digital inputs
Description of the input	EN 61131-2 type 1 NPN/PNP
Connection method	Screw connection
Number of inputs	8
Typical response time	20 ms
Input voltage range "0" signal	0 V AC/DC ... 5 V AC/DC
Input voltage range "1" signal	15 V AC/DC ... 30 V AC/DC
Nominal input current at U_{IN}	5 mA DC (On)

Digital outputs

Output name	Relay output
Output description	Relay output
Connection method	Screw connection
Number of outputs	4
Type of protection	Short-circuit and overload protection
Maximum output current per channel	5 A
Maximum output current per module / terminal block	20 A
Maximum output current per module	5 A
Nominal load, ohmic	600 W (@ 24 ohms)

General

Mounting type	DIN rail mounting
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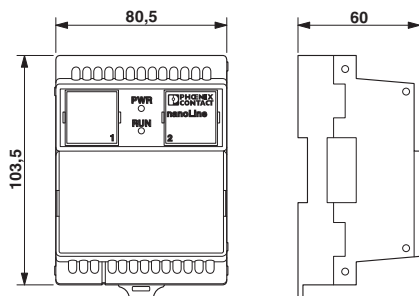
Environmental Product Compliance

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

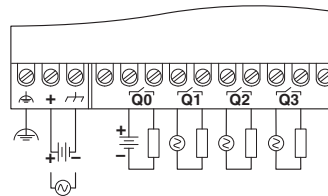
Drawings

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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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