

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 STK
GTIN	 4 046356 949521
GTIN	4046356949521

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)
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

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Technical data

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

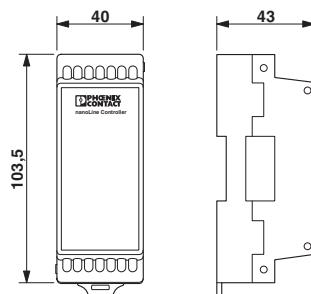
Mounting type	DIN rail mounting
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Environmental Product Compliance

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

Drawings

Dimensional drawing



Approvals

Approvals

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

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