

Base unit - NLC-055-012D-08I-04QRD-05A - 2700486

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12 V DC Nanoline base unit. Equipped with 8 digital inputs, 2 analog (0...10 V) inputs 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.

Key Commercial Data

Packing unit	1 pc
GTIN	
GTIN	4046356646543

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	12 V DC (Power available to the I/O and Communications modules)
Supply voltage range	9 V DC ... 15 V DC
Max. current consumption	400 mA
Typical current consumption	250 mA

Software interfaces

Programming tool	nanoNavigator 3 or above
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Digital inputs

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Technical data

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 (on) 40 µs (OFF)
Input voltage range "0" signal	0 V DC ... 5 V DC
Input voltage range "1" signal	10.2 V DC ... 14.4 V DC
Nominal input current at U _{IN}	3 mA DC (On)

Digital outputs

Output name	Relay output
Output description	Relay output
Connection method	Screw connection
Number of outputs	4
Type of protection	External protection required
Nominal output voltage	24 V DC
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

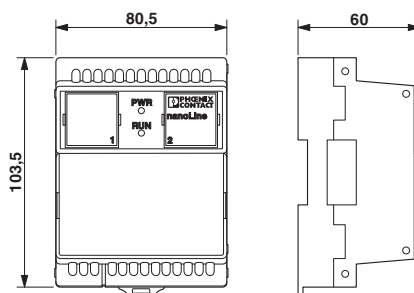
Mounting type	DIN rail mounting
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Environmental Product Compliance

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

Drawings

Dimensional drawing



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Approvals


Approvals


Approvals


UL Listed / EAC / EAC

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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EAC		EAC-Zulassung
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EAC		RU *- DE.A*30.B.00238
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