


# NLC-050-024D-06I-04QTP-00A

Order No.: 2701027



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2701027>

24 V DC Nanoline base unit. Equipped with 6 digital input and 4 PNP digital output channels. Additional I/O channels can be added using a maximum of three I/O expansion modules. Optional communication modules provide network or serial connectivity. Optional Operator Panel provides user interface. Programming is via nanoNavigator.

Commercial data	
GTIN (EAN)	4  046356 325387
sales group	K250
Pack	1 pcs.
Customs tariff	85371099
Catalog page information	Page 10 (AX-2011)

### Product notes

WEEE/RoHS-compliant since:  
04/17/2008



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## Technical data

Interfaces	
Interface	Operator Panel
Connection method	RJ45 / Combicon

Interface	V.24 (RS-232)
Connection method	Slot 1
Interface	USB
Connection method	Slot 1
Interface	Realtime Clock
Connection method	Slot 2

### Supply

Power supply connection	Screw connection
Supply voltage	24 V DC (Power available to the I/O and Communications modules)
Supply voltage range	19 V DC ... 30 V DC
Max. current consumption	250 mA
Typical current consumption	92 mA

### 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	6
Typical response time	on 60 µs off 70 µs
Input voltage	24 V DC
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	PNP outputs
Connection method	Screw connection
Number of outputs	4
Protective circuit	Short-circuit and overload protection
Output voltage	24 V DC
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 data**

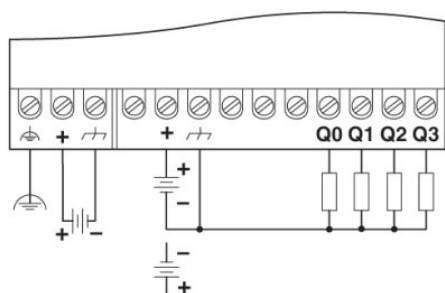
Width	80.5 mm
Height	103.5 mm
Depth	60 mm
Mounting type	DIN rail
Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	90 %

**Accessories**

Item	Designation	Description
<b>General</b>		
2701289	NLC-MOD-CAP	Replacement cover for slot 1 in base unit.
2701292	NLC-MOD-CAP-PXC	Replacement cover for slot 2 in base unit.

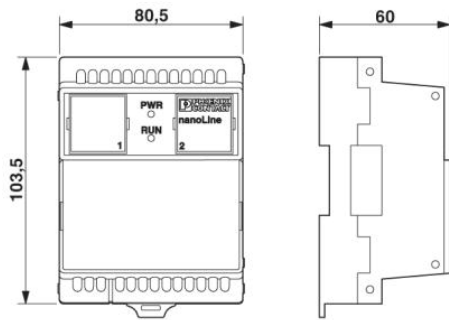
**Diagrams/Drawings**

Connection diagram



Dimensioned drawing

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