

NLC-050-100A-08I-04QRA-05A

Order No.: 2701069



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100-240 V AC 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 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 325349
sales group	K250
Pack	1 pcs.
Customs tariff	85371099
Catalog page information	Page 11 (AX-2011)

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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	100 V AC
Supply voltage range	100 V AC ... 240 V AC
Typical current consumption	55 mA (@ 230 V AC)
Software interfaces	
Programming tool	nanoNavigator 1 or 2
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 ... 25 V AC
Input voltage range "1" signal	80 V AC ... 250 V AC
Nominal input current at U_{IN}	0.17 mA AC (On)
Digital outputs	
Output name	Relay output
Output description	Relay output
Connection method	Screw connection
Number of outputs	4
Protective circuit	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 data	
Width	80.5 mm
Height	103.5 mm
Depth	60 mm
Mounting type	DIN rail

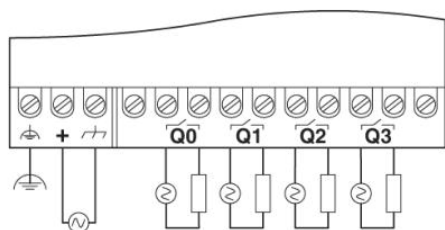
Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 60 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	90 %

Accessories

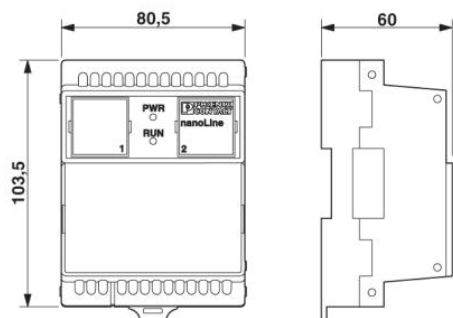
Item	Designation	Description
General		
2701070	NLC-EMC-PWR-01	Nanoline EMC Choke
2701289	NLC-MOD-CAP	Replacement cover for slot 1 in base unit.
2701292	NLC-MOD-CAP-PXC	Replacement cover for slot 2 in base unit.

Diagrams/Drawings

Connection diagram



Dimensioned drawing



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