NLC-055-100A-08I-04QRA-05A - Base unit

2700487

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100...240 V AC Nanoline base unit. Equipped with 8 digital 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 operating panel provides user interface. Programming is via nanoNavigator.

ELEKTROGERÄTE RÜCKNAHME

Commercial data

Item number	2700487
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DRACAA
Product key	DRACAA
GTIN	4046356646550
Weight per piece (including packing)	355.2 g
Weight per piece (excluding packing)	355 g
Customs tariff number	85371098
Country of origin	IN

Technical data

Product properties

Product type	Base unit
Product family	Nanoline

System properties

System limits

Number of local bus devices that can be connected	3

Functionality

Programming tool	nanoNavigator 3 or above

Electrical properties

Supply

Supply voltage	240 V AC (Power available to the I/O and Communications modules)
Power supply connection	Screw connection
Max. current consumption	70 mA (at 110 V AC)
Typical current consumption	50 mA (at 230 V AC)

Real-time clock

Realtime clock	Yes (battery-backed)
Description realtime clock	±2 s/day @ 25°C ±4 s/day @ -20 °C ... +60 °C Lithium BR2330

Input data

Digital:

Input name	Digital inputs
Description of the input	EN 61131-2 type 1 NPN/PNP
Number of inputs	8
Connection method	Screw connection
Input voltage range "0" signal	0 V ... 25 V
Input voltage range "1" signal	80 V ... 250 V
Nominal input current at U_{IN}	0.4 mA (On: 120 V AC)
	0.8 mA (On: 240 V AC)
Typical response time	20 ms (on)

Output data

Digital:

Output name	Relay output
Output description	Relay output
Connection method	Screw connection
Number of outputs	4

Protective circuit	External protection required
Maximum output current per channel	5 A
Maximum output current per module / terminal block	20 A
Maximum output current per module	5 A
Output voltage range	100 V AC ... 240 V AC
Nominal load, ohmic	600 W (@ 24 ohms)
Maximum operating frequency with ohmic nominal load	0.5 Hz (at full load)
Signal delay	10 ms (@ 20 °C (excludes bounce))

Connection data

Connection method	Screw connection
Conductor cross-section, rigid	0.2 mm² ... 2.5 mm²
Conductor cross-section, flexible	0.2 mm² ... 2.5 mm²
Conductor cross-section AWG	24 ... 12

Interfaces

Operator Panel

Connection method	RJ45 / COMBICON

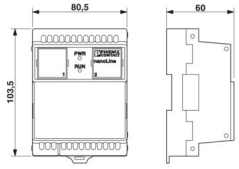
RS-232

Connection method	Slot 1

USB

Connection method	Slot 1

Dimensions

Dimensional drawing	
Width	80.5 mm
Height	103.5 mm
Depth	60 mm

Material specifications

Color	white

Environmental and real-life conditions

Ambient conditions

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

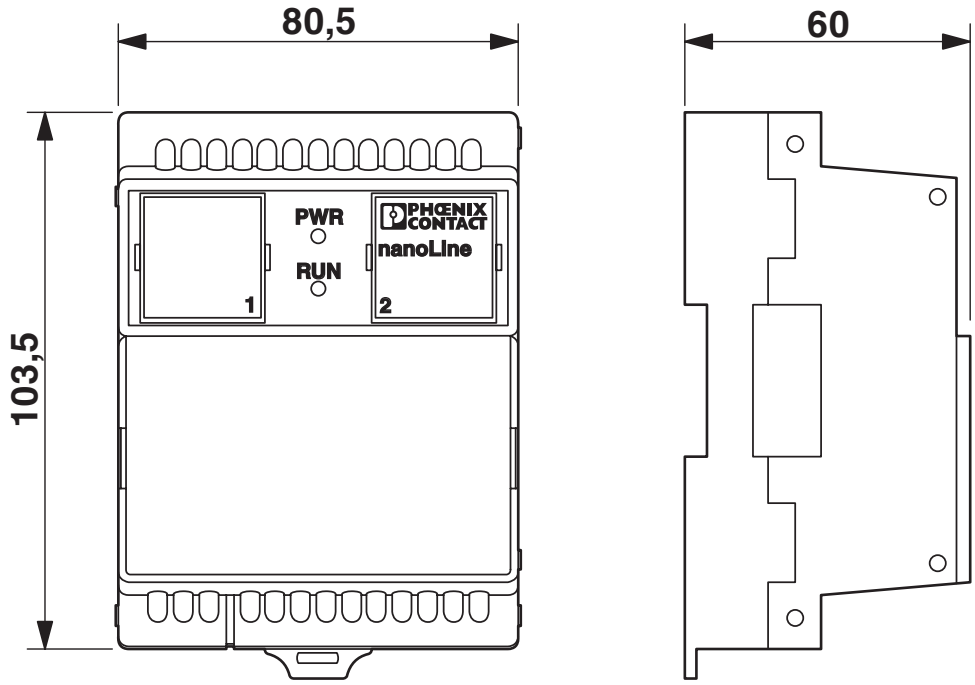
Permissible humidity (operation)	90 %
Permissible humidity (storage/transport)	90 %

Mounting

Mounting type	DIN rail mounting

Drawings

Dimensional drawing



Approvals

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UL Listed
Approval ID: E238705

cUL Listed
Approval ID: E238705

Classifications

ECLASS

ECLASS-13.0	27242216

ETIM

ETIM 9.0	EC001417

UNSPSC

UNSPSC 21.0	39122300

Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes
Exemption	6(c)

China RoHS

Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.

EU REACH SVHC

REACH candidate substance (CAS No.)	1, 2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)(CAS: 110-71-4)
	Lead(CAS: 7439-92-1)
SCIP	ff8d68c3-18f2-40b3-9a8c-915b248b4c6d

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