NLC-IO-03I-04QRD-05A - I/O extension module

2701328

https://www.phoenixcontact.com/gb/products/2701328

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I/O extension module for use with Nanoline 24 V DC base unit. Equipped with 3 digital input and 4, 5 A relay output channels. A maximum of three I/O extension modules can be attached to a base unit.

Your advantages

- Automatically recognized by the firmware
- I/O modules are electrically isolated
- Up to 3 modules can be added to the right side of a base unit
- Can be powered from a secondary power supply

Commercial data

Item number	2701328
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	DRACAB
Product key	DRACAB
GTIN	4046356325493
Weight per piece (including packing)	212.4 g
Weight per piece (excluding packing)	190.5 g
Customs tariff number	85389099
Country of origin	IN

Technical data

Product properties

Product type	Extension module
Product family	Nanoline
Mounting position	Attaches to DB-9 connector on right-side of base unit

Electrical properties

Supply: Module electronics

Connection method	Screw connection
Supply voltage	24 V AC/DC
Supply current	typ. 100 mA
	max. 500 mA

Input data

Digital:

Input name	Digital inputs
Description of the input	PNP/NPN
Number of inputs	3
Connection method	Screw connection
Typical response time	60 µs (on)
	70 µs (OFF)

Output data

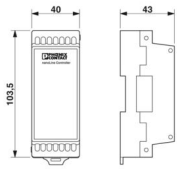
Digital:

Output name	Relay output
Output description	Relay output
Connection method	Screw connection
Number of outputs	4
Maximum output current per channel	5 A
Maximum output current per module / terminal block	20 A
Maximum output current per module	20 A

Connection data

Connection method	Screw connection

Dimensions

Dimensional drawing	

Width	40 mm
Height	103.5 mm
Depth	43 mm

Material specifications

Color	white

Environmental and real-life conditions

Ambient conditions

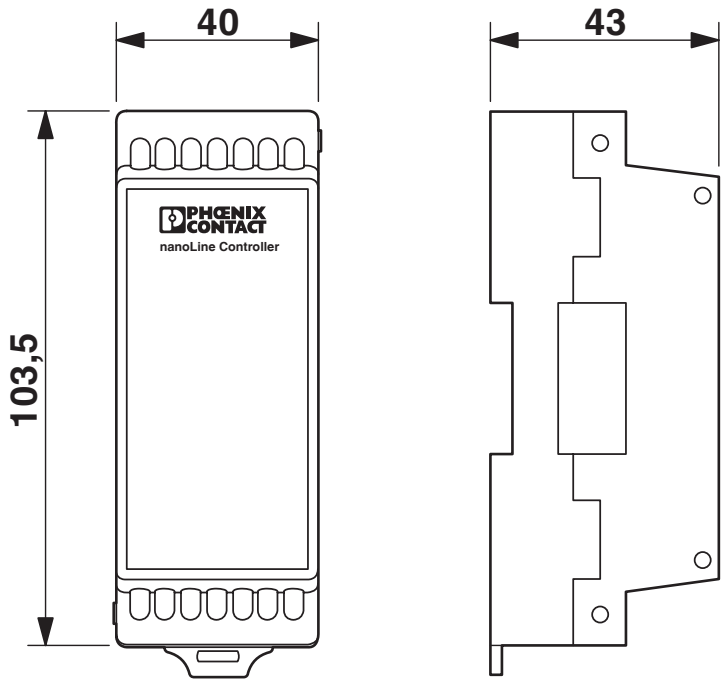
Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 55 °C
Degree of protection	IP20
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	0 % ... 90 %

Mounting

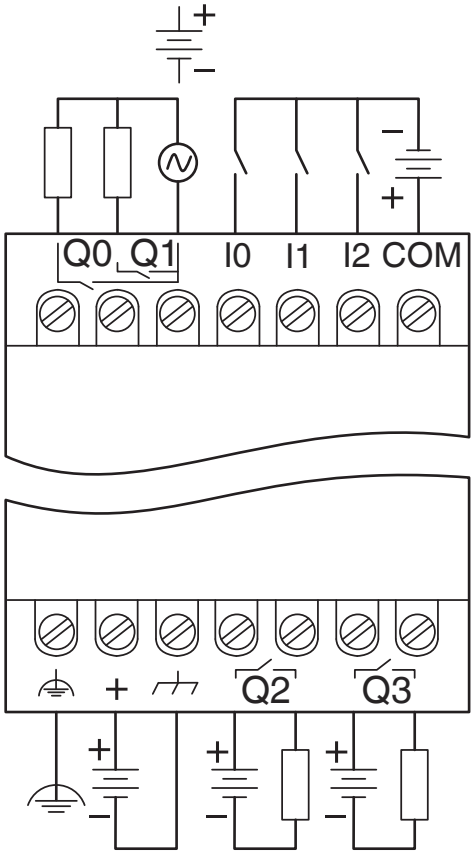
Mounting type	DIN rail mounting
	DIN rail mounting
Mounting position	Attaches to DB-9 connector on right-side of base unit

Drawings

Dimensional drawing



Connection diagram



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.)	Lead(CAS: 7439-92-1)
SCIP	048b029c-0eea-4ecf-af3f-6477848b3849

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