

NLC-IOX-04I-02QRD-05A - I/O extension module



2702032

<https://www.phoenixcontact.com/us/products/2702032>

Please be informed that the data shown in this PDF document is generated from our online catalog. Please find the complete data in the user documentation. Our general terms of use for downloads are valid.



I/O extension module for use with NLC-035... and NLC-040 base units. Equipped with 4 digital input and 2 relay output channels. A maximum of one I/O extension modules can be attached to the base unit.

Commercial data

Item number	2702032
Packing unit	1 pc
Minimum order quantity	1 pc
Note	Made to order (non-returnable)
Sales key	DR11
Product key	DRACAB
GTIN	4046356949514
Weight per piece (including packing)	183.5 g
Weight per piece (excluding packing)	183.5 g
Customs tariff number	85389099
Country of origin	IN

Technical data

Product properties

Product type	Extension module
Product family	Nanoline

Electrical properties

Supply: Module electronics

Supply voltage	24 V DC
Supply voltage range	18 V DC ... 24 V DC

Input data

Digital:

Input name	Digital inputs
Description of the input	PNP
Number of inputs	4
Connection method	Screw connection
Input voltage range "0" signal	0 V DC ... 5 V DC
Input voltage range "1" signal	11 V DC ... 30 V DC
Nominal input current at U_{IN}	1.2 mA
Typical response time	100 µs (on)
	200 µs (OFF)

Output data

Digital:

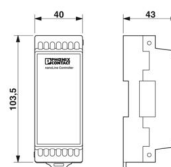
Output name	Relay output
Output description	Relay output
Connection method	Screw connection
Number of outputs	2
Maximum output current per channel	5 A
Maximum output current per module / terminal block	10 A
Maximum output current per module	10 A

Connection data

Connection method	Screw connection
-------------------	------------------

Dimensions

Dimensional drawing



NLC-IOX-04I-02QRD-05A - I/O extension module



2702032

<https://www.phoenixcontact.com/us/products/2702032>

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 ... 70 °C
Degree of protection	IP20
Ambient temperature (storage/transport)	-25 °C ... 85 °C
Permissible humidity (operation)	0 % ... 90 % (at 25 °C)

Mounting

Mounting type	DIN rail mounting
---------------	-------------------

NLC-IOX-04I-02QRD-05A - I/O extension module

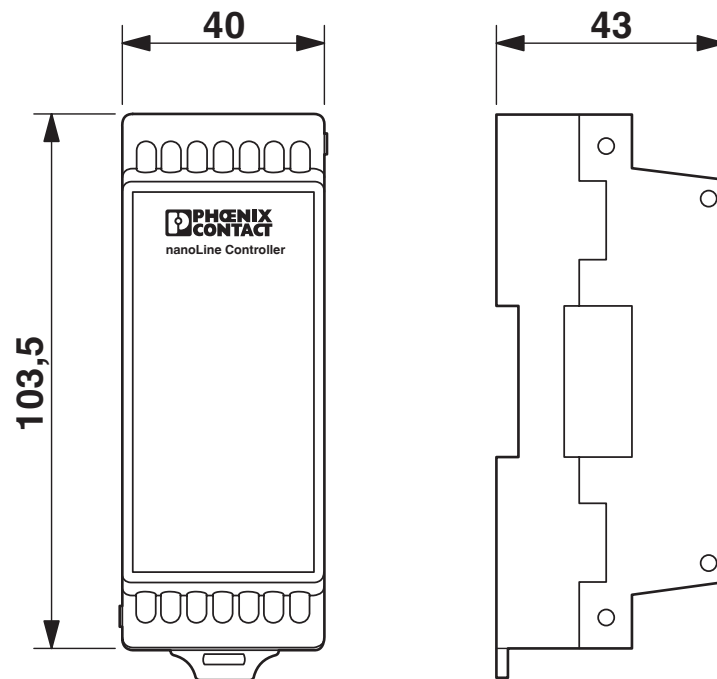
2702032

<https://www.phoenixcontact.com/us/products/2702032>



Drawings

Dimensional drawing



NLC-IOX-04I-02QRD-05A - I/O extension module



2702032

<https://www.phoenixcontact.com/us/products/2702032>

Classifications

UNSPSC

UNSPSC 21.0	39122329
-------------	----------

Environmental product compliance

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.)	No substance above 0.1 wt%

Phoenix Contact 2025 © - all rights reserved
<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com