

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 μ s (on) |
| | 200 μ s (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 |
| Max. current carrying capacity per output | 5 A |
| Maximum output current per module / terminal block | 10 A |
| Maximum output current per module | 10 A |

Connection data

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

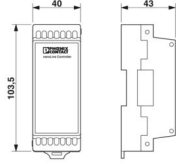
Dimensions

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



2702032

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

| | |
|---------------------|--|
| 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 ... 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

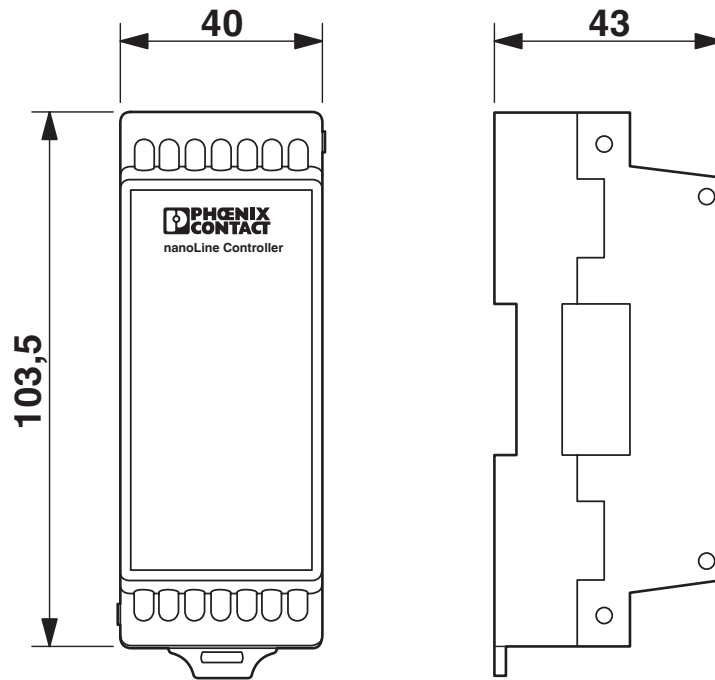


2702032

<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 |
|-------------|----------|

2702032

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

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 2026 © - 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