



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## I/O extension module - NLC-IO-03I-04QRA-05A - 2701960

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I/O extension module for use with Nanoline 100...240 V AC base unit. Equipped with three digital inputs and four 5 A relay output channels. A maximum of three I/O extension modules can be attached to a base unit.

### Product Features

- 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



### Key Commercial Data

Packing unit	1 pc
Weight per Piece (excluding packing)	1.0 g
Custom tariff number	85371099
Country of origin	India

### Technical data

#### Dimensions

Width	40 mm
Height	103.5 mm
Depth	43 mm

#### Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

#### Supply

Connection method	Screw connection
Supply voltage	120 V AC/DC

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### Technical data

#### Supply

Supply current	typ. 16 mA
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#### Digital inputs

Input name	Digital inputs
Description of the input	AC
Connection method	Screw connection
Number of inputs	3
Typical response time	850 µs (on)
	960 µs (off)

#### Digital outputs

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

#### General

Mounting type	DIN rail
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### Classifications

#### eCl@ss

eCl@ss 4.0	27250315
eCl@ss 4.1	27250315
eCl@ss 5.0	27242216
eCl@ss 5.1	27242216
eCl@ss 6.0	27242216
eCl@ss 7.0	27242216
eCl@ss 8.0	27242216

#### ETIM

ETIM 2.0	EC001417
ETIM 3.0	EC001417
ETIM 4.0	EC001417
ETIM 5.0	EC001417

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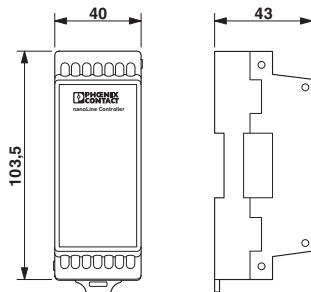
## Classifications

### UNSPSC

UNSPSC 6.01	43172015
UNSPSC 7.0901	43201404
UNSPSC 11	43172015
UNSPSC 12.01	43201404
UNSPSC 13.2	43201404

## Drawings

Dimensional drawing



Connection diagram

