



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!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



I/O expansion module - nLC-IO-03I-04QRD-05 - 2701328

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's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)




I/O expansion 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 expansion modules can be attached to a base unit.

Why buy this product

- 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
Minimum order quantity	252
Catalog page	Page 13 (AX-2011)
GTIN	 4 046356 325493
Custom tariff number	85389091
Country of origin	INDIA

Technical data

Supply

Connection method	Screw connection
Supply voltage	24 V DC
Supply current	Typ. 300 mA
Supply current	max. 500 mA

Digital inputs

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

I/O expansion module - nLC-IO-03I-04QRD-05 - 2701328

Technical data

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 data

Width	40 mm
Height	103.5 mm
Depth	43 mm
Degree of protection	IP20
Ambient temperature (operation)	-25 °C ... 55 °C
Ambient temperature (storage/transport)	-25 °C ... 85 °C

Classifications

eclass

eCl@ss 4.0	27240101
eCl@ss 4.1	27240101
eCl@ss 5.0	27242216
eCl@ss 5.1	27242216
eCl@ss 6.0	27242216
eCl@ss 7.0	27242216

etim

ETIM 2.0	EC001417
ETIM 3.0	EC001417
ETIM 4.0	EC002584

unspsc

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

Approvals

Approvals

I/O expansion module - nLC-IO-03I-04QRD-05 - 2701328

Approvals

Approvals

UL Recognized / cUL Recognized / UL Listed / cUL Listed / cUL Listed


Ex Approvals

Approvals submitted

Approval details

UL Recognized 

cUL Recognized 

UL Listed 

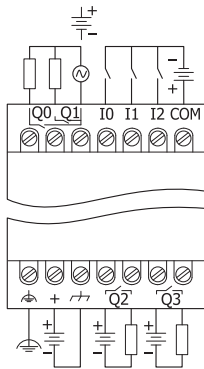
cUL Listed 

cUL Listed 

Drawings

I/O expansion module - nLC-IO-03I-04QRD-05 - 2701328

Connection diagram



Dimensioned drawing

