



## NX-ID5442

16 Digital Inputs, Standard speed, PNP 24 VDC, screwless push-in connector, 12 mm wide

# Specifications

I/O system	NX I/O Bus
Type of module	Digital I/O
Number of digital inputs	16
Digital input type	PNP
Permitted voltage at input	15-28.8 V
OFF/ON delay	0.02-0.4 ms
Number of digital outputs	0
Digital output type	None
Short-circuit protected outputs	✘
Connection method	1-wire
Signal processing	Free running, Standard speed, Synchronous
IO-Link master	✘
I/O connection type	Push-in
Number of I/O connectors	1
Detachable I/O connector	✔
Suitable for safety functions	✘
SIL according to IEC 61508	None
Communication port(s)	None
Number of IOV (V+) terminals	0
Number of IOG (V-) terminals	0
Number of COM terminals	0
Degree of protection (IP)	IP20
Product Height (unpacked)	104.5 mm

Product Width (unpacked)	12 mm
Product Depth (unpacked)	80.1 mm
Product Weight (unpacked)	65 g

## Accessories



**NX-AUX02**

Terminal block coding pins for 10x NX I/O units (terminal block: 30 pins, unit: 30 pins)



**NX-PC0010**

NX I/O power connection unit, IOG, 5-24 V DC input, 16 terminals, screwless push-in connector, 12mm wide



**NX-PC0020**

NX I/O power connection unit, IOV, 5-24 V DC input, 16 terminals, screwless push-in connector, 12mm wide



**NX-PC0030**

NX I/O power connection unit, IOV+IOG, 5-24 V DC input, 8 + 8 terminals, screwless push-in connector, 12mm wide

## Spare parts



**NX-TBA162**

Replacement screwless push-in connector with 16 wiring terminals (marked A+B)

## CAD Library



### EAC Mark removal Discontinuation Notice

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### IO-Link Series Brochure

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### Machine Safety Solution Brochure

EN PDF 2.86 MB



### NX-HAD Brochure

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### NX-HTC/NX-TC/EJ1/E5DC-B Temperature control units Flyer

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### NX-series Digital I/O Unit - NX-ID/IA/OD/OC/MD Datasheet

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### NX-series Digital I/O Units Users Manual

EN PDF 10.1 MB



### Omron GX-JC0x-x EtherCAT Junction Box EtherCAT ESI file

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### Omron NX-ECC20x EtherCAT ESI file

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### PLC I/O Interface Wiring System Selection Connection Guide

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### Sysmac Catalogue

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### Sysmac: A Fully Integrated Platform Brochure

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