

INDUSTRIAL COMPONENT DATA

NX-ID5442 NX029098C NXID5442,1 OMRON 16 Digital Inputs, Standard speed, PNP 24 VDC, screwless push-in connec..

Brand: OMRON | Manufacturer Part Number: NX-ID5442



Manufacturer	OMRON
MPN / Reference	NX-ID5442
Catalog number	NXID5442.1
Category	Fieldbus, decentr. periphery - digital I/O module
Minimum order	1 Pcs
Document ID	EO-D53FA02CB8
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Product Overview

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

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	OMRON > Integrated Automation > Machine I/O NX-series
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Additional Product Information

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

Output current 0 A

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

ETIM for 686029 PLC's (EC001599)

Feature Name

Feature Value

Type of output voltage (EF008222)

DC

Degree of protection (IP) (EF005474)

IP20

Performance level according to EN ISO 13849-1 (EF007399)

Level a

SIL according to IEC 61508 (EF0098...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX-ID5442 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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