

## INDUSTRIAL COMPONENT DATA

# NX-OD3121 NX020012G NXOD3121 OMRON Unit NX 4 NPN-Standard

Brand: OMRON | Manufacturer Part Number: NX-OD3121



|                 |                                                   |
|-----------------|---------------------------------------------------|
| Manufacturer    | OMRON                                             |
| MPN / Reference | NX-OD3121                                         |
| Catalog number  | NXOD3121                                          |
| Category        | Fieldbus, decentr. periphery - digital I/O module |
| Minimum order   | 1 Pcs                                             |
| Document ID     | EO-26A380CB25                                     |
| Generated       | 2026-08-01                                        |

## Product Overview

Unit NX - 4 NPN-Standard

4 Digital Outputs, Standard speed, NPN 24 VDC, 0.5 A/point, 2 A/NX Unit, 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 &gt; Integrated Automation &gt; Machine I/O NX-series

## Additional Product Information

I/O systemNX I/O BusType of moduleDigital I/ONumber of digital inputs0Digital input typeNoneOFF/ON delay0.1-0.8 msNumber of digital outputs4Digital output typeNPNPermitted voltage at output10.2-28.8 VOutput current0.5 AShort-circuit protected outputsConnection method2-wire, 3-wireSignal processingFree running, Standard speed, SynchronousIO-Link masterI/O connection typePush-inNumber of I/O connectors1Detachable I/O connectorSuitable for safety functionsSIL according to IEC 61508NoneCommunication port(s)NoneNumber of IOV (V+) terminals4Number of IOG (V-) terminals4Number of COM terminals0Degree of protection (IP)IP20Product Height (unpacked)104.5 mmProduct Width (unpacked)12 mmProduct Depth (unpacked)80.1 mmProduct Weight (unpacked)70 g  
ETIM for 375608 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 (EF009889)

None

Voltage type (supply voltage) (EF002991)

DC

Explosion safety category for gas (EF003997)

None

Explosion safety category for dust (EF003998)

None

Type of voltage (input voltage) (EF003033)

DC

Type of digital output (EF003601)

Transistor

Type of electric connection (EF003961)

Spring clamp connection

Radio standard UMTS (EF008525)

No

Supporting protocol for EtherCAT (EF017564)

Yes

Appendant operation agent (Ex ib) (EF004142)

No

Supporting protocol for other bus systems (EF003062)

Yes

Supporting protocol....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX-OD3121 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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