

INDUSTRIAL COMPONENT DATA

NX-OD5121 NX029103C NXOD5121,1 OMRON 16 Digital Outputs, Standard speed, NPN 24 VDC, 0.5 A/point, 4 A/NX Uni..

Brand: OMRON | Manufacturer Part Number: NX-OD5121



Manufacturer	OMRON
MPN / Reference	NX-OD5121
Catalog number	NXOD5121.1
Category	Fieldbus, decentr. periphery - digital I/O module
Minimum order	1 Pcs
Document ID	EO-B570F5013A
Generated	2026-08-03

Product Overview

16 Digital Outputs, Standard speed, NPN 24 VDC, 0.5 A/point, 4 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 > 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 0

Digital input type None

OFF/ON delay 0.1-0.8 ms

Number of digital outputs 16

Digital output type NPN

Permitted voltage at output 10.2-28.8 V

Output current 0.5 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) 87 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

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX-OD5121 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten PI #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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