

## INDUSTRIAL COMPONENT DATA

# NX502-1400 NX010308C NX5021400 OMRON Sysmac NX5 CPU with SQL Database Connectivity, 80 MB program and 260 MB..

Brand: OMRON | Manufacturer Part Number: NX502-1400



|                 |                |
|-----------------|----------------|
| Manufacturer    | OMRON          |
| MPN / Reference | NX502-1400     |
| Catalog number  | NX5021400      |
| Category        | PLC CPU-module |
| Minimum order   | 1 Pcs          |
| Document ID     | EO-8EA14146B1  |
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## Product Overview

Sysmac NX5 CPU with SQL Database Connectivity, 80 MB program and 260 MB data memory, built-in EtherCAT (32 servo axes, in total 256 EtherCAT nodes) an

Sysmac NX5 CPU with SQL Database Connectivity, 80 MB program and 260 MB data memory, built-in EtherCAT (32 servo axes, in total 256 EtherCAT nodes) and 2 Ethernet ports (OPC-UA and EtherNet/IP)

## 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 Controllers NX1 |
|--------------|---------------------------------------------------------|

## Additional Product Information

Controller functionalityDB connection, Motion control, OPC-UA, Sequence controlPrimary task cycle time0.250 msProgram memory80 MBVariables memory260 MBMax. number of synchronous axes32Max. number of axes (incl. virtual)64Communication port(s)EtherCAT Master, EtherNet/IP, Ethernet TCP/IPCommunication option(s)EtherCAT Slave, Ethernet TCP/IP, IO-Link, Serial RS-232C, Serial RS-422, Serial RS-485Max. number of remote I/O nodes256I/O systemNX I/O BusMax. number of expansion units63Product Weight (unpacked)946.468 g  
ETIM for 720274 PLC's (EC000236)

Feature Name

Feature Value

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

None

Model (EF000010)

Modular

SIL according to IEC 61508 (EF009889)

None

Voltage type (supply voltage) (EF002991)

AC/DC

Explosion safety category for gas (EF003997)

None

Explosion safety category for dust (EF003998)

None

Type of memory (EF002996)

FLASH

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 for SERCOS (EF006657)

No

IO link master (EF007298)

No

Rack-assembly possible (EF007018)

No

Supporting protocol for KNX (EF003055)

No

Supporting protocol for LON (EF003017)

No

Supporting protocol for SUCONET (EF003060)

No

Supporting protocol for IEC 60870 (EF016069)

No

Supporting protocol for EtherNet/IP (EF007521)

Yes

Supporting protocol for DNP3 (EF016068)

No

Radio standard GSM (EF008524)

No

Supportin...

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX502-1400 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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