

INDUSTRIAL COMPONENT DATA

NX502-1300 NX010307E NX5021300 OMRON Sysmac NX5 CPU with SQL Database Connectivity, 80 MB program and 260 MB..

Brand: OMRON | Manufacturer Part Number: NX502-1300



Manufacturer	OMRON
MPN / Reference	NX502-1300
Catalog number	NX5021300
Category	PLC CPU-module
Minimum order	1 Pcs
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Product Overview

Sysmac NX5 CPU with SQL Database Connectivity, 80 MB program and 260 MB data memory, built-in EtherCAT (16 servo axes, in total 256 EtherCAT nodes) and 2 Ethernet ports (OPC-UA and EtherNet/IP)

Sysmac NX5 CPU with SQL Database Connectivity, 80 MB program and 260 MB data memory, built-in EtherCAT (16 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 axes16Max. number of axes (incl. virtual)32Communication 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 720273 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...

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Send OMRON / NX502-1300 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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