

INDUSTRIAL COMPONENT DATA

NX102-1020 NX010142M NX1021020 OMRON CPU modular Sysmac NX1 with database connectivity, 5 MB of program and ..

Brand: OMRON | Manufacturer Part Number: NX102-1020



Manufacturer	OMRON
MPN / Reference	NX102-1020
Catalog number	NX1021020
Category	PLC CPU-module
Minimum order	1 Pcs
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Product Overview

CPU modular Sysmac NX1 with database connectivity, 5 MB of program and 33.5 MB of data memory, EtherCAT built-in (2 servoejes, 4 axes PTP, 64 nodes EtherCAT in total), 2 Ethernet ports (OPC-UA, EtherNet/IP)

Sysmac NX1 Modular CPU with with Database Connectivity, 5MB program and 33.5MB data memory , built-in EtherCAT (2 servo axes, 4 PTP axes, total 64 Eth

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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, Position control, Sequence controlMax. number of synchronous axes2Max. number of PTP axes4Max. number of axes (incl. virtual)15Primary task cycle time1 msProgram memory5 MBVariables memory33.5 MBCommunication port(s)EtherCAT Master, EtherNet/IP, Ethernet TCP/IPCommunication option(s)Serial RS-232C, Serial RS-422, Serial RS-485Max. number of remote I/O nodes64I/O systemNX I/O BusMax. number of expansion units32Product Height (unpacked)100 mmProduct Width (unpacked)66 mmProduct Depth (unpacked)100 mmProduct Weight (unpacked)470 g
ETIM for 683383 PLC's (EC000236)
Feature Name

Feature Value

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 (EF00...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX102-1020 with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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