



NX1P2-9024DT1

Sysmac NX1P CPU with 24 Digital Transistor I/O (PNP), 1.5 MB memory, EtherCAT (0 servo axes, 4 PTP axes, 16 EtherCAT nodes), EtherNet/IP and 1 serial option port

Specifications

Primary task cycle time	2 ms
Program memory	1.5 MB
Variables memory	2 MB
Max. number of synchronous axes	0
Max. number of PTP axes	4
Number of digital inputs	14
Input type	PNP/NPN
Number of digital outputs	10
Output type	PNP
Number of serial option boards	1
Max. number of expansion units	8
Max. number of remote I/O nodes	16
Communication port(s)	EtherCAT Master, EtherNet/IP, Ethernet TCP/IP
Number of Ethernet ports	2
Number of USB ports	0
Communication option(s)	Serial RS-232C, Serial RS-422, Serial RS-485
Real-time clock	✓
Supply voltage DC	20.4-28.8 V
Product Height (unpacked)	100 mm
Product Width (unpacked)	124 mm
Product Depth (unpacked)	71 mm
Product Weight (unpacked)	590 g

Accessories



CJ1W-BAT01

Battery for CJ1M PLCs



GX-JC03

3-port EtherCAT Junction module, 24 VDC power supply



GX-JC06

6-port EtherCAT Junction module, 24 VDC power supply



GX-JC06-H

6-port EtherCAT Junction module, 24 VDC power supply, with node switches

HMC-SD493

SD memory card, 4 GB



NX-PF0730

NX I/O power feed unit, 5-24 V DC input, 8 terminals, 10A, screwless push-in connector, 12mm wide



NX1W-ADB21

Sysmac NX1P Analog I/O screwless option board, 2 x analog inputs 0 to 10 V, resolution 1/4000 or 0 to 20 mA, resolution 1:2000



NX1W-CIF01

Sysmac NX1P RS-232C screwless (15 m max.) serial communication option board



NX1W-CIF11

Sysmac NX1P RS422/485 screwless (50 m max.) serial communication option board



NX1W-CIF12

Sysmac NX1P RS422/485 screwless (isolated 500 m max.) serial communication option board



NX1W-DAB21V

Sysmac NX1P Analog I/O screwless option board, 2 x analog outputs 0 to 10 V, resolution 1:4000



NX1W-MAB221

Sysmac NX1P Analog I/O screwless option board, 2 x analog inputs 0 to 10 V, resolution 1:4000 or 0 to 20 mA, resolution 1:2000, 2 x analog outputs 0 to 10 V, resolution 1:4000



SYSMAC-SE201L

Sysmac Studio license. 1 Single user.



W4S1-05D

5-port enhanced Ethernet switch



XS6W-6LSZH8SS100CM-Y

Ethernet patch cable, F/UTP, Cat.6A, LSZH (Yellow), 1 m



XS6W-6LSZH8SS200CM-B

Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 2 m



XS6W-6LSZH8SS200CM-Y

Ethernet patch cable, F/UTP, Cat.6A, LSZH (Yellow), 2 m



XS6W-6LSZH8SS20CM-Y

Ethernet patch cable, F/UTP, Cat.6A, LSZH (Yellow), 0.2 m



XS6W-6LSZH8SS500CM-Y

Ethernet patch cable, F/UTP, Cat.6A, LSZH (Yellow), 5 m

Spare parts

NX-END02

Spare part - End plate for NX1P controller

Related products



NX I/O Series

Performance and practicality
for machine control

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NJ/NX-Series CPU Unit Built-in EtherCAT Port

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Reference Manual

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NJ/NX-Series Troubleshooting Manual

Users Manual

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NJ/NX-Series for Motion Control

Getting Started Guide

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Connection Guide

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