

INDUSTRIAL COMPONENT DATA

NX1P2-1140DT NX010067M NX1P21140DT OMRON NX1P Machine Controller, 24/16 I/O Transistor (NPN), 4-axis synchro..

Brand: OMRON | Manufacturer Part Number: NX1P2-1140DT



Manufacturer	OMRON
MPN / Reference	NX1P2-1140DT
Catalog number	NX1P21140DT
Category	PLC CPU-module
Minimum order	1 Pcs
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Product Overview

NX1P Machine Controller, 24/16 I/O Transistor (NPN), 4-axis synchronized + 4 axes PTP
Sysmac NX1P CPU with 40 Digital Transistor I/O (NPN), 1.5 MB memory, EtherCAT (4 servo axes, 4 PTP axes, 16 EtherCAT nodes), EtherNet/IP and 2 serial option ports

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 NX1P2

Additional Product Information

Specifications

Primary task cycle time 2 ms
Program memory 1.5 MB
Variables memory 2 MB
Max. number of synchronous axes 4
Max. number of PTP axes 4
Number of digital inputs 24
Input type PNP/NPN
Number of digital outputs 16
Output type NPN
Number of serial option boards 2

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) 148 mm

Product Depth (unpacked) 71 mm

Product Weight (unpacked) 650 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 bo...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / NX1P2-1140DT 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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