

INDUSTRIAL COMPONENT DATA

NX1P2-1140DT1 NX010068H NX1P21140DT1 OMRON NX1P Machine Controller, 24/16 I/O Transistor (PNP), 4-axis synch..

Brand: OMRON | Manufacturer Part Number: NX1P2-1140DT1



Manufacturer	OMRON
MPN / Reference	NX1P2-1140DT1
Catalog number	NX1P21140DT1
Category	PLC CPU-module
Minimum order	1 Pcs
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Product Overview

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

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

Primary task cycle time2 msProgram memory1.5 MBVariables memory2 MBMax. number of synchronous axes4Max. number of PTP axes4Number of digital inputs24Input typePNP/NPNNumber of digital outputs16Output typePNPNumber of serial option boards2Max. number of expansion units8Max. number of remote I/O nodes16Communication port(s)EtherCAT Master, EtherNet/IP, Ethernet TCP/IPNumber of Ethernet ports2Number of USB ports0Communication option(s)Serial RS-232C, Serial RS-422, Serial RS-485Real-time clockSupply voltage DC20.4-28.8 VProduct Height (unpacked)100 mmProduct Width (unpacked)148 mmProduct Depth (unpacked)71 mmProduct Weight (unpacked)660 g
ETIM for 672501 PLC's (EC000236)
Feature Name
Feature Value
Performance level according to EN ISO 13849-1 (EF007399)
Level a
Model (EF000010)
Compact

SIL according to IEC 61508 (EF009889)

None

Voltage type (supply voltage) (EF002991)

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

Supportin...

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