

INDUSTRIAL COMPONENT DATA

CP1E-NA20DT-D CP1W0116C CP1ENA20DTD OMRON CPU 12/8 I/O DC in NPN 2/1 Analog I/O

Brand: OMRON | Manufacturer Part Number: CP1E-NA20DT-D



Manufacturer	OMRON
MPN / Reference	CP1E-NA20DT-D
Catalog number	CP1ENA20DTD
Category	PLC CPU-module
Minimum order	1 Pcs
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Product Overview

CPU 12/8 I/O DC in NPN 2/1 Analog I/O

CPU 12/8 I/O DC NPN Outputs 2/1 Analog I/O

PLC, 24 VDC supply, 12 x 24 VDC inputs, 8 x NPN outputs 0.3 A, 2 x analog inputs, 1 x analog output, resolution 1/6000, 8K steps program + 8K words data memory, RS-232C port

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path OMRON > Control Systems > CPM2C

Additional Product Information

Supply voltage typeDCNumber of digital inputs12Input typePNP/NPNNumber of digital outputs8Output typeNPNProgram capacity8 K stepsData memory capacity8 K wordsLogic execution time1.19 µsCommunication port(s)Serial RS-232C, USBNumber of Ethernet ports0Number of USB ports1Number of RS-232 ports1Number of RS-485 ports0Communication option(s)Ethernet TCP/IP, Serial RS-232C, Serial RS-422, Serial RS-485Max. encoder input frequency100 kHzMax. number of PTP axes2Max. pulse output frequency100 kHzFunction Block programmingBattery-free memory backupReal-time clockAnalogue option boardsMax. number of analogue I/O channels31Max. number of local I/O points140Max. number of expansion units3Built-in auxiliary 24 VDC output0 mAOperating temperature range0-55 °CProduct Height (unpacked)90 mmProduct Width (unpacked)130 mmProduct Depth (unpacked)85 mmProduct Weight (unpacked)550 g

ETIM for 328739 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)

No

Appendant operation agent (Ex ib) (EF004142)

No

Supporting protocol for other bus systems (EF003062)

Yes

Supporting protocol for SERCOS (EF006657)

No

IO link master (EF00729...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CP1E-NA20DT-D with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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