

INDUSTRIAL COMPONENT DATA

CP2E-N40DR-A CP2W0004G CP2EN40DRA OMRON CP2E series compact PLC Network type 24 DI, 16 DO Relay output Power..

Brand: OMRON | Manufacturer Part Number: CP2E-N40DR-A



Manufacturer	OMRON
MPN / Reference	CP2E-N40DR-A
Catalog number	CP2EN40DRA
Category	PLC CPU-module
Minimum order	1 Pcs
Document ID	EO-CFB3B1B05D
Generated	2026-08-04

Product Overview

CP2E series compact PLC - Network type; 24 DI, 16 DO; Relay output; Power supply 220 VAC; 10 kStep Program memory

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 > CP2E CPU

Additional Product Information

Supply voltage typeACInput typePNP/NPNNumber of digital inputs24Output typeRelayNumber of digital outputs16Program capacity20 K stepsData memory capacity16 K wordsLogic execution time0.23 µsCommunication port(s)Ethernet TCP/IPNumber of Ethernet ports2Number of USB ports0Number of RS-232 ports0Number of RS-485 ports0Communication option(s)Serial RS-232C, Serial RS-422, Serial RS-485Number of encoder input channels6Max. encoder input frequency100 kHzMax. number of PTP axes0Max. pulse output frequency0 kHzFunction Block programmingBattery-free memory backupReal-time clockAnalogue option boardsMax. number of analogue I/O channels32Max. number of local I/O points160Max. number of expansion units3Built-in auxiliary 24 VDC output300 mAOperating temperature range-20-60 °CProduct Height (unpacked)90 mmProduct Width (unpacked)150 mmProduct Depth (unpacked)80 mmProduct Weight (unpacked)765 g

ETIM for 689978 PLC's (EC000236)

Feature Name

Feature Value

Model (EF000010)

Compact

Voltage type (supply voltage) (EF002991)

AC

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 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...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CP2E-N40DR-A 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 Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.