

INDUSTRIAL COMPONENT DATA

CP2E-N14DR-A CP2W0001B CP2EN14DRA OMRON CP2E series compact PLC Network type 8 DI, 6DO Relay output Power su..

Brand: OMRON | Manufacturer Part Number: CP2E-N14DR-A



Manufacturer	OMRON
MPN / Reference	CP2E-N14DR-A
Catalog number	CP2EN14DRA
Category	PLC CPU-module
Minimum order	1 Pcs
Document ID	EO-A8541BFD3A
Generated	2026-08-02

Product Overview

CP2E series compact PLC - Network type; 8 DI, 6DO; 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 inputs8Output typeRelayNumber of digital outputs6Program capacity20 K stepsData memory capacity16 K wordsLogic execution time0.23 µsCommunication port(s)Ethernet TCP/IPNumber of Ethernet ports1Number 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 channels4Max. number of local I/O points14Max. number of expansion units0Built-in auxiliary 24 VDC output0 mAOperating temperature range-20-60 °CProduct Height (unpacked)90 mmProduct Width (unpacked)86 mmProduct Depth (unpacked)80 mmProduct Weight (unpacked)425 g
ETIM for 689981 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 for SU...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CP2E-N14DR-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.