

## INDUSTRIAL COMPONENT DATA

# CP2E-S40DT-D CP2W0030F CP2ES40DTD OMRON CP2E series compact PLC Standard Type 24 DI, 16 DO NPN output Power ..

Brand: OMRON | Manufacturer Part Number: CP2E-S40DT-D



|                 |                |
|-----------------|----------------|
| Manufacturer    | OMRON          |
| MPN / Reference | CP2E-S40DT-D   |
| Catalog number  | CP2ES40DTD     |
| Category        | PLC CPU-module |
| Minimum order   | 1 Pcs          |
| Document ID     | EO-D7F0ECCD3D  |
| Generated       | 2026-08-05     |

## Product Overview

CP2E series compact PLC - Standard Type; 24 DI, 16 DO; NPN output; Power supply 24 VDC; 8 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 typeDCInput typePNP/NPNNumber of digital inputs24Output typeNPNNumber of digital outputs16Program capacity16 K stepsData memory capacity8 K wordsLogic execution time0.23 µsCommunication port(s)Serial RS-232C, Serial RS-485, USBNumber of Ethernet ports0Number of USB ports1Number of RS-232 ports1Number of RS-485 ports1Number of encoder input channels6Max. 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 channels24Max. number of local I/O points160Max. number of expansion units3Built-in auxiliary 24 VDC output0 mAOperating temperature range-20-60 °CProduct Height (unpacked)90 mmProduct Width (unpacked)150 mmProduct Depth (unpacked)80 mmProduct Weight (unpacked)605 g  
ETIM for 689934 PLC's (EC000236)

Feature Name

Feature Value

Model (EF000010)

Compact

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 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....

## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CP2E-S40DT-D with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://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

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