



## CP1E-N40DT1-D

PLC, 24 VDC supply, 24 x 24 VDC inputs, 16 x PNP outputs 0.3 A, 8K steps program + 8K words data memory, RS-232C port

# Specifications

Supply voltage type	DC
Number of digital inputs	24
Input type	PNP/NPN
Number of digital outputs	16
Output type	PNP
Program capacity	8 K steps
Data memory capacity	8 K words
Logic execution time	1.19 $\mu$ s
Communication port(s)	Serial RS-232C, USB
Number of Ethernet ports	0
Number of USB ports	1
Number of RS-232 ports	1
Number of RS-485 ports	0
Communication option(s)	CompoBus/S Slave, Ethernet TCP/IP, Serial RS-232C, Serial RS-422, Serial RS-485
Max. encoder input frequency	100 kHz
Max. number of PTP axes	2
Max. pulse output frequency	100 kHz
Function Block programming	✘
Battery-free memory backup	✘
Real-time clock	✔
Analogue option boards	✔
Max. number of analogue I/O channels	28

<b>Max. number of local I/O points</b>	160
<b>Max. number of expansion units</b>	3
<b>Built-in auxiliary 24 VDC output</b>	0 mA
<b>Operating temperature range</b>	0-55 °C
<b>Product Height (unpacked)</b>	90 mm
<b>Product Width (unpacked)</b>	150 mm
<b>Product Depth (unpacked)</b>	85 mm
<b>Product Weight (unpacked)</b>	550 g



**CP1W-BAT01**

Battery for the CP1 PLC



**CP1W-CIF01**

CP1 RS-232C (15 m max.) serial communication option board



**CP1W-CIF11**

CP1 RS422/485 (50 m max.) serial communication option board



**CP1W-CIF12-V1**

CP1 RS422/485 (isolated 500 m max.) serial communication option board



**CP1W-CIF41**

CP1 Ethernet communications option, 1 x RJ45 socket



**CP1W-CN221**

USB Programming cable, A-type male to B-type male, 1.8 m



**CP1W-CN811**

I/O expansion cable for CP1-series, 80 cm



**CXONE-LT01-EV4**

CX-One Lite v4.x software, for Windows 7 (32-bit/64-bit) / Windows 8.1 (32-bit/64-bit) / Windows 10 (32-bit/64-bit) / Windows 11 (64-bit), single-user licence only, (requires CDs, CXOne-LTCD-EV4), limited to program the CPx PLC platform



## **CP1W Expansion Units**

Expand the capacity of your  
Compact PLC

## CAD Library



### CP-series CP1E CPU Units Datasheet

EN PDF 8.46 MB



### CP1 Series Brochure

EN PDF 3.16 MB



### CP1E Brochure

EN PDF 2.56 MB



### CP1E Users Manual

EN PDF 10.8 MB



### CP1E Discontinuation Notice

EN PDF 563 KB



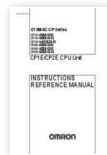
### CP1E CPU Unit Hardware Users Manual

EN PDF 11.8 MB



### CP1E/CP1L Getting Started Guide

EN PDF 8.02 MB



### CP1E/CP2E CPU Unit Instructions Reference Manual

EN PDF 4.91 MB



### CS/CJ/CP/NSJ Communications Commands Reference Manual

EN PDF 3.61 MB



### From CP1E to CP2E Replacement guide

EN PDF 910 KB



### From CPM1A to CP1E Replacement guide

EN PDF 643 KB



### From CPM2A to CP1E Replacement guide

EN PDF 648 KB