



CP1H-X40DT-D

PLC, 24 VDC supply, 24 x 24 VDC inputs, 16 x NPN outputs 0.3 A, 1 x analog input, 20K steps program + 32K words data memory

Specifications

Supply voltage type	DC
Number of digital inputs	24
Input type	PNP/NPN
Number of digital outputs	16
Output type	NPN
Program capacity	20 K steps
Data memory capacity	32 K words
Logic execution time	0.10 µs
Communication port(s)	USB
Number of Ethernet ports	0
Number of USB ports	1
Number of RS-232 ports	0
Number of RS-485 ports	0
Communication option(s)	CAN, CompoNet Master, DeviceNet Master, DeviceNet Slave, EtherCAT Slave, EtherNet/IP, Ethernet TCP/IP, MODBUS Master, MODBUS Slave, PROFIBUS DP Master, PROFIBUS DP Slave, PROFINET Master, Serial RS-232C, Serial RS-422, Serial RS-485
Number of analog inputs	0
Number of analog outputs	0
Number of encoder input channels	4
Max. encoder input frequency	100 kHz
Max. number of PTP axes	4
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	56
Max. number of local I/O points	320
Max. number of expansion units	7
Built-in auxiliary 24 VDC output	0 mA
Operating temperature range	0-55 °C
Product Height (unpacked)	90 mm
Product Width (unpacked)	150 mm
Product Depth (unpacked)	85 mm
Product Weight (unpacked)	600 g

Accessories



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



CP1W-EXT01

CP1H CPU to CJ1W unit adapter, includes CJ endplate



CP1W-ME05M

CP1 memory cassette (for upload/download of user program)



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

Related products



CP1W Expansion Units

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CAD Library



CP-series CP1H CPU Unit Datasheet

EN PDF 1.96 MB



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CP1H CPU Unit Operation Manual

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CS/CJ/CP/NSJ Communications Commands Reference Manual

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CompoNet Tool v1.3 Software

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EAC Mark removal Discontinuation Notice

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FDK CR14250SE Battery Safety Datasheet

EN PDF 140 KB

