



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 μ s
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-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

Expand the capacity of your Compact PLC

Downloads

CAD Library



CP-series CP1H CPU Unit Datasheet

EN PDF 1.96 MB



CP1 CPU Unit Programming Manual

EN PDF 13.3 MB



CP1 Series Brochure

EN PDF 3.11 MB



CP1H Eu declaration of conformity

EN PDF 622 KB



CP1H CPU Unit Operation Manual

EN PDF 14.7 MB



CS/CJ/CP/NSJ Communications Commands Reference Manual

EN PDF 3.61 MB



CompoNet Tool v1.3 Software

EN ZIP 128 MB



FDK CR14250SE Battery Safety Datasheet

EN PDF 150 KB

