



CP2E-N20DT1-D

CP2E series compact PLC - Network type; 12 DI, 8DO; PNP output; Power supply 24 VDC; 10 kStep Program memory

Specifications

Supply voltage type	DC
Input type	PNP/NPN
Number of digital inputs	12
Output type	PNP
Number of digital outputs	8
Program capacity	20 K steps
Data memory capacity	16 K words
Logic execution time	0.23 µs
Communication port(s)	Ethernet TCP/IP
Number of Ethernet ports	1
Number of USB ports	0
Number of RS-232 ports	0
Number of RS-485 ports	0
Communication option(s)	Serial RS-232C, Serial RS-422, Serial RS-485
Number of encoder input channels	6
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	4

Max. number of local I/O points	20
Max. number of expansion units	0
Built-in auxiliary 24 VDC output	0 mA
Operating temperature range	-20-60 °C
Product Height (unpacked)	90 mm
Product Width (unpacked)	86 mm
Product Depth (unpacked)	80 mm
Product Weight (unpacked)	395 g

Accessories

	CP1W-ADB21	I/O option board (only CP1L-EL/EM port 1 or 2), 2 x analog inputs 0 to 10 V, resolution 1/4000 or 0 to 20 mA, resolution 1:2000
	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-DAB21V	I/O option board (only CP1L-EL/EM port 1 or 2), 2 x analog outputs 0 to 10 V, resolution 1:4000
	CP1W-MAB221	I/O option board (only CP1L-EL/EM port 1 or 2), 2 x analog inputs 0 to 10 V, resolution 1:4000 or 0 to 20 mA, resolution 1:2000, 2 x analog outputs 0 to 10 V, resolution 1:4000
	CP2W-BAT02	CP2-series Battery - Optional



CP2W-CIFD1

CP2-series Serial Option board 2 x RS-232 ports



CP2W-CIFD2

CP2-series Serial Option board 1 x RS-232, 1 x RS-485 ports



CP2W-CIFD3

CP2-series Serial Option board 2 x RS-485 ports



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



XS6W-6LSZH8SS200CM-B

Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 2 m



XS6W-6LSZH8SS300CM-B

Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 3 m



XS6W-6LSZH8SS500CM-B

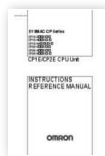
Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 5 m



XS6W-6LSZH8SS50CM-B

Ethernet patch cable, F/UTP, Cat.6A, LSZH (Blue), 0.5 m

CAD Library



CP1E/CP2E CPU Unit Instructions Reference Manual

EN PDF 4.91 MB



CP2E Brochure

EN PDF 1.82 MB



CP2E Datasheet

EN PDF 8.73 MB



CP2E Hardware Users Manual

EN PDF 16.7 MB



CP2E Software Users Manual

EN PDF 19.4 MB



EAC Mark removal Discontinuation Notice

EN PDF 221 KB



NB Faceplate 4.0 - Multilanguage Software

EN ZIP 89.1 MB



Relay Sockets with Push-In Plus technology Brochure

EN PDF 2.62 MB