



CP1L-L14DT1-D

PLC, 24 VDC supply, 8 x 24 VDC inputs, 6 x PNP outputs 0.3 A, 5K steps program + 10K words data memory

Specifications

Supply voltage type	DC
Number of digital inputs	8
Input type	PNP/NPN
Number of digital outputs	6
Output type	PNP
Program capacity	5 K steps
Data memory capacity	10 K words
Logic execution time	0.55 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)	CompoBus/S Slave, Serial RS-232C, Serial RS-422, Serial RS-485
Number of encoder input channels	4
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	8
Max. number of local I/O points	54
Max. number of expansion units	1
Built-in auxiliary 24 VDC output	0 mA
Operating temperature range	0-55 °C
Product Height (unpacked)	90 mm
Product Width (unpacked)	86 mm
Product Depth (unpacked)	85 mm
Product Weight (unpacked)	335 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-DAM01

LCD option board to CP1L and CP1H



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



CP1W Expansion Units

Expand the capacity of your
Compact PLC

CAD Library



CP-series CP1L CPU Unit Datasheet

EN PDF 4.06 MB



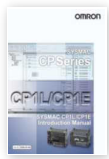
CP1 CPU Unit Programming Manual

EN PDF 13.3 MB



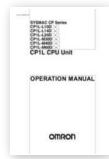
CP1 Series Brochure

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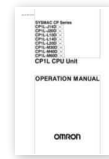
CP1E/CP1L Getting Started Guide

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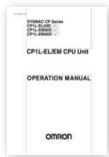
CP1L CPU Unit Operation Manual

EN PDF 15.2 MB



CP1L CPU Unit (including CP1L-J) Operation Manual

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CP1L-EL, CP1L-EM CPU Unit Operation Manual

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CS/CJ/CP/NSJ Communications Commands Reference Manual

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FDK CR14250SE Battery Safety Datasheet

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