



CJ2H-CPU64

CPU, 50K steps program, 32K words data memory, 32K words x 4 banks EM, 2560 I/O max, RS-232C serial port, USB programming port, 3 expansion racks max.

Specifications

Program capacity	50 K steps
Data memory capacity	160 K words
Logic execution time	0.016 µs
Max. number of expansion units	40
Max. number of local I/O points	2560
Number of built-in digital I/Os	0
Communication port(s)	Serial RS-232C, USB
Product Height (unpacked)	90 mm
Product Width (unpacked)	48.8 mm
Product Depth (unpacked)	74.5 mm
Product Weight (unpacked)	190 g

Accessories



CJ1W-CIF11

RS-485 adaptor, 2 or 4 wire, connects directly to RS-232C 9-pin port for serial PLC link, screw terminals on RS-485 side



CJ1W-IC101

Expansion I/O control unit, connects to right hand side of CPU



CJ1W-II101

Expansion I/O interface unit, connects to left hand side of expansion I/O rack, up to 3 expansion racks



CJ1W-PA202

Power supply unit, 100-240 VAC, output capacity: 14 W



CJ1W-PA205R

Power supply unit, 100-240 VAC, output capacity: 25 W, with RUN output



CJ1W-PD022

Power supply unit, 24 VDC, output capacity: 19.6 W



CJ1W-PD025

Power supply unit, 24 VDC, output capacity: 25 W



CP1W-CN221

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



CS1W-CIF31

Cable, PC USB to RS-232C converter cable, for Windows 98/ME/2000/XP, drivers included on CD-ROM, an Omron programming cable is also required



CS1W-CN223

I/O expansion rack connecting cable for NJ/CJ/CS-series, 2 m



CS1W-CN713

I/O expansion rack connecting cable for NJ/CJ/CS-series, 70 cm



CXONE-AL01-EV4

Single-user licence for CX-One 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), (requires CDs or DVD, CXOne-CD-EV4, or CXOne-DVD-EV4)



HMC-EF183

Flash memory card, 128MB



XW2Z-200S-V

Cable, RS-232C, for programming PLC or HMI 9-pin port from PC 9-pin port, 2 m



XW2Z-200T

Cable, RS-232C, for connecting NT HMI 9-pin port to PLC 9-pin port, 2 m

Spare parts



CJ1W-BAT01

Battery for CJ1M PLCs



CJ1W-TER01

End plate for CJ1 CPU rack or expansion rack. Only required as spare part.

Related products



CJ Digital I/O Units

8 to 64 points per unit -
input, output or mixed



CJ Analogue I/O and Control Units

From basic Analogue I/O to
advanced temperature
control



CJ Communication Units

Open to any communication



CJ Motion/Position Control Units

Add motion control to any
CJ-Series PLC



CJ Power Supplies, Expansions

Power and flexibility



CS Power Supplies, Backplanes

Expand with up to 7 racks

Downloads

CAD Library



CJ-series -[DeviceNet]- 3G3RX-V1-series Inverter

Connection Guide

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CJ-series -[DeviceNet]- ABB IRC5 Robot Controller

Connection Guide

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CJ-series -[DeviceNet]- Janome Sewing Machine JR3000-series Desktop Robot

Connection Guide

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CJ-series -[EtherCAT]-E3NW-ECT Digital Sensor Communication Unit
Connection Guide

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CJ-series -[RS-232C]-MARS TOHKEN SOLUTION MVF-300/500-series
Connection Guide

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CJ-series -[RS-232C]-MARS TOHKEN TFIR-31LAN-series
Connection Guide

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CJ-series -[RS-232C]-Shimadzu balance (ATX-R/ATY-R/UPX/UPY/UW/UX Series)
Connection Guide

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CJ-series -[RS-232C]-V400-R2-series Ultra Small Multi-code Reader
Connection Guide

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CJ-series -[RS-232C]-V500-R2-series Fixed Laser-Type Barcode Reader
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CJ-series -[RS-232C]-V750-series RFID System
Connection Guide

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CJ-series -[RS-232C]-ZW-7000-series Displacement Sensor
Connection Guide

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CJ-series -[RS-485] CompoWay/F]- Digital Temperature Controller (E5xD/E5xC/E5xC-T)
Connection Guide

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CJ-series -[RS-485] CompoWay/F]- KM50 Smart Power Monitor
Connection Guide

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CJ-series -[RS-485] Modbus]- 3G3MX2-series Type V1
Connection Guide

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Connection Guide

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CJ-series -[RS-485] Modbus]- ORIENTAL MOTOR BLE-series Brushless Motor
Connection Guide

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CJ-series -[RS-485] Modbus]- ORIENTAL MOTOR RK II-series Stepping Motor
Connection Guide

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CJ2 CPU Units Hardware Users Manual

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CJ2 CPU Units Software Users Manual

EN PDF 10.1 MB



CJ2 Series Brochure

EN PDF 2.36 MB




CJ2-Series Programmable Controller Datasheet

EN PDF 17.3 MB



CJ2H-CPU6_ CPU Units Datasheet

EN PDF 516 KB




CS/CJ-Series EtherNet/IP Units Operation Manual

EN PDF 10.9 MB



CS/CJ/CP/NSJ Communications Commands Reference Manual

EN PDF 3.61 MB



CS/CJ/NSJ-series PLC, SYSMAC One NSJ Series Reference Manual

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CS1/CJ1/NSJ Series Programmable Controllers Programming Manual

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CX-Integrator Ver 2 Operation Manual

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CX-One V4 Setup Manual

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CX-Programmer Operation Manual

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CX-Programmer FB/ST Operation Manual

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CX-Programmer SFC Operation Manual

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EAC Mark removal Discontinuation Notice

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FDK CR-series cylindrical Battery Safety Datasheet

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