

Ordering Information

International Standards

The indicated standards are those current for UL, CSA, cULus, NK and Lloyds standards and EC directives as of September 2004.

Abbreviations used:

U = UL, U1 = UL Class I Div.2 for hazardous locations, C = CSA, UC = cULus, UC1 = cULus Class I Div.2 for hazardous locations

CU = cUL, N = NK (Nippon Kaiji Kyokai), L = Lloyd's Register, CE = EC Directives. Please contact OMRON representative for application conditions.

CPU Rack

Name	Specifications			Model	Standards
CPU Units (See note.)	I/O bits	Program capacity	Data memory capacity	---	---
	5,120	250 kSteps	448 kWords (DM: 32 kWords, EM: 32 kWords × 13 banks)	CS1H-CPU67H	UC1, N, L, CE
	5,120	120 kSteps	256 kWords (DM: 32 kWords, EM: 32 kWords × 7 banks)	CS1H-CPU66H	
	5,120	60 kSteps	128 kWords (DM: 32 kWords, EM: 32 kWords × 3 banks)	CS1H-CPU65H	
	5,120	30 kSteps	64 kWords (DM: 32 kWords, EM: 32 kWords × 1 bank)	CS1H-CPU64H	
	5,120	20 kSteps	64 kWords (DM: 32 kWords, EM: 32 kWords × 1 bank)	CS1H-CPU63H	
	5,120	60 kSteps	128 kWords (DM: 32 kWords, EM: 32 kWords × 3 banks)	CS1G-CPU45H	
	1,280	30 kSteps	64 kWords (DM: 32 kWords, EM: 32 kWords × 1 bank)	CS1G-CPU44H	
	960	20 kSteps	64 kWords (DM: 32 kWords, EM: 32 kWords × 1 bank)	CS1G-CPU43H	
960	10 kSteps	64 kWords (DM: 32 kWords, EM: 32 kWords × 1 bank)	CS1G-CPU42H		
CPU Backplanes (for CS1 Units only)	2 slots (Does not connect to Expansion Rack.)			CS1W-BC022	U, C, N, L, CE
	3 slots			CS1W-BC032	
	5 slots			CS1W-BC052	
	8 slots			CS1W-BC082	
	10 slots			CS1W-BC102	
CPU Backplanes (for CS1- and C200H I/O Units)	2 slots (Does not connect to Expansion Rack.)			CS1W-BC023	U, C, N, L, CE
	3 slots			CS1W-BC033	
	5 slots			CS1W-BC053	
	8 slots			CS1W-BC083	
	10 slots			CS1W-BC103	
Power Supply Units	100 to 120 V AC or 200 to 240 V AC; Output capacity: 4.6 A, 5 V DC			C200HW-PA204	U, C, N, L, CE
	100 to 120 V AC or 200 to 240 V AC (with 0.8 A, 24 V DC service power supply) Output capacity: 4.6 A, 5 V DC			C200HW-PA204S	
	100 to 120 V AC or 200 to 240 V AC (with RUN output) Output capacity: 4.6 A, 5 V DC			C200HW-PA204R	U, C
	100 to 120 V AC or 200 to 240 V AC (with RUN output) Output capacity: 9 A, 5 V DC			C200HW-PA209R	U, C, N, L, CE
	24 V DC, Output capacity: 4.6 A, 5 V DC			C200HW-PD024	UC1, N, L, CE
	100 V DC, Output capacity: 6 A, 5 V DC			C200HW-PD106R	U, C
I/O Control Unit	For Expansion Racks connected over a distance of more than 12 m (2 terminating resistors included. C200H Units cannot be used on Long-distance Expansion Racks.)			CS1W-IC102	U, C, CE
Memory Cards	Flash memory, 30 MB			HMC-EF372	L, CE
	Flash memory, 64 MB			HMC-EF672	
	Memory Card Adapter (for computer PCMCIA slot)			HMC-AP001	CE
Serial Communications Boards	2 × RS-232C ports, protocol macro function			CS1W-SCB21-V1	U, C, N, L, CE
	1 × RS-232C port + 1 × RS-422/485 port, protocol macro function			CS1W-SCB41-V1	
Programming Consoles	An English Keyboard Sheet (CS1W-KS001-E) is required. (Connects to peripheral port on CPU Unit only. Cannot be connected to RS-232C port.)			CQM1-PRO01-E	U, C, CE
				C200H-PRO27-E	U, C, N, CE
Programming Console Key Sheet	For C200H-PRO27 and CQM1H-PRO01			CS1W-KS001-E	CE
Programming Console Connecting Cables	Connects the C200H-PRO27-E Programming Console. (Length: 2.0 m)			CS1W-CN224	
	Connects the C200H-PRO27-E Programming Console. (Length: 6.0 m)			CS1W-CN624	
CX-One	Omron's integrated software for programming and configuration of all control system components, including PLCs, HMI, drives, temperature controllers and advanced sensors.			CX-ONE-AL□□C-E ^{*1}	---
Peripheral Device Connecting Cables (for peripheral port)	Connects personal computers, D-Sub 9-pin receptacle (Length: 0.1 m) (Conversion cable to connect RS-232C cable to peripheral port)			CS1W-CN118	CE
	Peripheral bus or Host Link	Connects personal computers, D-Sub 9-pin (Length: 2.0 m)	CS1W-CN226		
		Connects personal computers, D-Sub 9-pin (Length: 6.0 m)	CS1W-CN626		
Peripheral Device Connecting Cables (for RS-232C port)	Peripheral bus or Host Link, antistatic	Connects personal computers, D-Sub 9-pin (Length: 2.0 m)	XW2Z-200S-CV	---	
		Connects personal computers, D-sub 9-pin (Length: 5.0 m)	XW2Z-500S-CV		
	Host Link	Connects personal computers, D-Sub 9-pin (Length: 2.0 m)	XW2Z-200S-V		
		Connects personal computers, D-Sub 9-pin (Length: 5.0 m)	XW2Z-500S-V		
USB-Serial Conversion Cable	Converts between USB and RS-232C, cable length: 0.5 m PC driver provided on CD-ROM. Refer to <i>Using a USB-Serial Conversion Cable to Connect to a Peripheral or RS-232C Port</i> on page 291 for specifications.			CS1W-CIF31	---
Battery Set	For CS1 Series only. (Install a replacement battery within 2 years of the production date.)			CS1W-BAT01	L, CE

*1 □□ = Number of licences; 01, 03, 10

Note: When using a CS1W-CN313 or CS1W-CN713 I/O Connecting Cable with a CS1□-CPU□□H CPU Unit, use only Cables produced on or after September 20, 2001 (production number 2091). Cables with no production number, a 6-digit production number, or produced before September 20, 2001, cannot be used.