


Ordering Information

International Standards

- The standards are abbreviated as follows: U: UL, U1: UL(Class I Division 2 Products for Hazardous Locations), C: CSA, UC: cULus, UC1: cULus (Class I Division 2 Products for Hazardous Locations), CU: cUL, N: NK, L: Lloyd, and CE: EC Directives.
- Contact your OMRON representative for further details and applicable conditions for these standards.

Position Control Unit

Unit type	Name	Specifications		No. of unit numbers allocated	Current consumption (A)		Model	Standards
		Control method/Control output interface	Number of control axes		5 V system	24 V system		
CJ1 Special I/O Units	Position control unit 	Open-loop control by pulse train output/ Open-collector output	1 axis	1	0.25	–	CJ1W-NC113	UC1, CE
			2 axes		0.25	–	CJ1W-NC213	
			4 axes *		0.36	–	CJ1W-NC413	
		Open-loop control by pulse train output/ Line-driver output	1 axis	1	0.25	–	CJ1W-NC133	
			2 axes		0.25	–	CJ1W-NC233	
	4 axes *		0.36		–	CJ1W-NC433		
Space Unit	The ambient operation temperature range can be increased to 0 to 55°C if the CJ1W-SP001 CJ-series Space Unit is used.					CJ1W-SP001	UC1, CE	

Note: This unit cannot be used with the Machine Automation Controller NJ-series.

* The ambient operating temperature of the CJ1W-NC413/NC433 is 0 to 50°C. Allowable power supply voltage range for external power supply is 22.8 to 25.2 V DC.

Software

Name	Specifications	Number of licenses	Model	Standards
FA Integrated Tool Package CX-One Ver. 4. □	The CX-One is a comprehensive software package that integrates Support Software for OMRON PLCs and components. CX-One Ver.4. □ includes CX-Position Ver.2. □.	1 license * DVD	CXONE-AL01D-V4	–

Note: For details, refer to the CX-One Catalog (Cat. No. R134), visit your local OMRON website.

* Multi licenses (3, 10, 30, or 50 licenses) and DVD media without licenses are also available for the CX-One.

Servo Relay Unit/Cables

Name	Applicable units	Applicable drives	Number of control axes	Cable length	Model	Standards	
Servo Relay Unit	For CJ1W-NC113/133 (No communication supported)	–	1 axis	–	XW2B-20J6-1B	–	
	For CJ1W-NC213/233/413/433 (No communication supported)	–	2 axes	–	XW2B-40J6-2B	–	
	For CJ1W-NC113/133/213/233/413/433 (Communication supported)	–	2 axes	–	XW2B-40J6-4A	–	
Position Control Unit Cables for Servo Relay Unit	Open-collector output	For CJ1W-NC113	1 axis	0.5m	XW2Z-050J-A14	–	
				1m	XW2Z-100J-A14		
				0.5m	XW2Z-050J-A16		
		1m		XW2Z-100J-A16			
		For CJ1W-NC213/413		2 axes	0.5m		XW2Z-050J-A15
					1m		XW2Z-100J-A15
	0.5m		XW2Z-050J-A17				
	1m	XW2Z-100J-A17					
	Line-driver output	For CJ1W-NC313	1 axis		0.5m		XW2Z-050J-A18
					1m		XW2Z-100J-A18
				0.5m	XW2Z-050J-A20		
		1m		XW2Z-100J-A20			
For CJ1W-NC233/413		2 axes		0.5m	XW2Z-050J-A19		
				1m	XW2Z-100J-A19		
	0.5m		XW2Z-050J-A21				
1m	XW2Z-100J-A21						