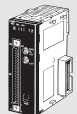


Ordering Information

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.

Unit type	Product name	Specifications			No. of unit numbers allocated	Current consumption (A)		Model	Standards
		Countable channels	Encoder A and B inputs, pulse input Z signals	Max. counting rate		5 V	24 V		
CJ1 Special I/O Units		2	Open collector Input voltage: 5 VDC, 12 V, or 24 V (5 V and 12 V are each for one axis only.)	50kHz	4	0.28	-	CJ1W-CT021	UC1, N, L, CE
			RS-422 line driver	500kHz					






Note: The following functions become unavailable when it is used with the NJ-series CPU unit.

- Counter value capture using allocation area (CIO)
- The capture, Stop/capture/continue, Stop/capture/reset/continue, and Capture/reset functions using External Control Input Function
- Pulse rate range control using Output Control Mode
- The pulse rate measurement function
- Because the NJ Series has no power OFF interrupt task, operation cannot be restarted from the position at which the power was interrupted.
- The IORD/IOWR instruction
- Starting of External Interrupt Task by Output and External Control Input

Accessories

The High-Speed Counter Unit includes the 40-pin solder-type connectors C500-CE404 (socket: Fujitsu FCN-361J040-AU, cover: Fujitsu FCN-360C040-J2).

Applicable Connectors

Name	Connection	Specifications	Model
40-pin Connectors	Soldered 	FCN-361J040-AU Connector FCN-360C040-J2 Connector Cover Right angle type, included with Unit	C500-CE404
	Crimped 	FCN-363J040 Housing FCN-363J-AU Connector FCN-360C040-J2 Connector Cover Right angle type	C500-CE405
	Pressure welded 	FCN-367J040-AU/F, w/o connector cover	C500-CE403
	Soldered 	40-pin, soldered, w/connector cover	C500-CE401
	Crimped 	40-pin, crimped w/connector cover	C500-CE402

Connector-Terminal Conversion Unit and Connection Cables

Product Name		Specifications		Model
For Connecting with Terminal Block	Connecting Cables	Normal wiring	Cable length: 0.5m	XW2Z-050B
			Cable length: 1.0m	XW2Z-100B
			Cable length: 1.5m	XW2Z-150B
			Cable length: 2.0m	XW2Z-200B
			Cable length: 3.0m	XW2Z-300B
			Cable length: 5.0m	XW2Z-500B
	Connector-Terminal Conversion Unit	Through	40-pin M2.4 screw terminals	XW2B-40G4
			40-pin M3.5 screw terminals	XW2B-40G5
		Slim	40-pin M3 screw terminals	XW2D-40G6

Mountable Racks

Model	NJ system		CJ system (CJ1, CJ2)		CP1H system	NSJ system	
	CPU Rack	Expansion Rack	CPU Rack	Expansion Backplane	CP1H PLC	NSJ Controller	Expansion Backplane
CJ1W-CT021	10 Units	10 Units (per Expansion Rack)	10 Units	10 Units (per Expansion Backplane)	2 Units *	Not supported	8 Units

* A CP1W-EXT01 CJ Unit Adaptor is required.