

■ Position Control Unit with MECHATROLINK-II interface

Unit type	Product name	Specifications		Mountable Racks						No. of unit numbers allocated	Current consumption (A)		Model	Standards		
				CPU Rack	C200HX/HG/HE Expansion I/O Rack	CS1 Expansion Rack		CS1 Long-distance Expansion Rack	SYSMAC BUS Slave Rack		5 V system	26 V system				
		Control output interface	Number of axes	CS1W-BC □□3 □□2		CS1W-BI □□3 □□2										
CS1 CPU Bus Unit	Position Control Unit with MECHATROLINK-II interface 	Control commands are sent using MECHATROLINK-II communications. Direct operation from ladder program. Control modes: Position control, speed control, and torque control	2 axes		Yes	Yes	No	Yes	Yes	Yes	No	1 unit number's words	0.36	---	CS1W-NC271	UC1, CE
			4 axes												CS1W-NC471	
			16 axes												CS1W-NCF71	
	MECHATROLINK-II Interface Unit	To connect OMNUC W-series Servo Drive (R88D-WT□) (Made by Yaskawa Corporation) The model number at the right is used to order from OMRON.												FNY-NS115	---	
	MECHATROLINK-II Cables	To connect MECHATROLINK-II compliant devices (Made by Yaskawa Corporation) The model numbers at the right are used to order from OMRON.										Cable length: 0.5 m		FNY-W6003-A5		
												Cable length: 1 m		FNY-W6003-01		
												Cable length: 3 m		FNY-W6003-03		
												Cable length: 5 m		FNY-W6003-05		
												Cable length: 10 m		FNY-W6003-10		
												Cable length: 20 m		FNY-W6003-20		
Cable length: 30 m		FNY-W6003-30														
MECHATROLINK-II Terminator	Terminating resistance for MECHATROLINK-II (Made by Yaskawa Corporation) The model number at the right is used to order from OMRON.												FNY-W6022	---		
MECHATROLINK-II Repeater	Communications repeater.												FNY-REP2000			

■ Motion Control Units

Unit type	Product name	Specifications		Mountable Racks						No. of unit numbers allocated	Current consumption (A)		Model	Standards	
				CPU Rack		C200HX/HG/HE Expansion I/O Rack	CS1 Expansion Rack		CS1 Long-distance Expansion Rack		SYSMAC BUS Slave Rack	5 V system			26 V system
		Control output interface	Number of axes	CS1W-BC □□3 □□2	CS1W-BI □□3 □□2										
CS1 Special I/O Units	Motion Control Unit (G-language programming)  	Analog outputs	4 axes	Yes	Yes	No	Yes	Yes	Yes	No	5 unit numbers' words	0.70 (1.00 A when a Teaching Box is connected)	---	CS1W-MC421-V1	U, C, CE
	2 axes		Yes	Yes	No	Yes	Yes	Yes	No	3 unit numbers' words	0.60 (0.80 A when a Teaching Box is connected)	---	CS1W-MC221-V1		
	Teaching Box	---	---						---	---		CVM1-PRO01-V1	CE		
	Teaching Box Connecting Cable	---	---						Cable length: 2 m		CV500-CN224	L, CE			
	ROM Cassette	---	---						---		CVM1-MP702-V1	CE			
	MC Terminal Block Conversion Unit *	For 2 axes	---						---		XW2B-20J6-6	---			
		For 4 axes	---						---		XW2B-40J6-7				
	MC Terminal Block Conversion Unit Cable	---	---						Cable length: 1 m		XW2Z-100J-F1				

*Simplifies I/O connector wiring.