

■ Position Control Unit with MECHATROLINK-II interface

Unit type	Product name	Specifications		Mountable Racks						No. of unit numbers allocated	Current consumption (A)		Model	
				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								1 unit number's words	0.36	---	CS1W-NC271
			4 axes	Yes	Yes	No	Yes	Yes	Yes	No				CS1W-NC471
			16 axes											CS1W-NCF71
	MECHATROLINK-II Cables	To connect MECHATROLINK-II compliant devices (Yaskawa Electric 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 (Yaskawa Electric Corporation) The model number at the right is used to order from OMRON.												FNY-W6022	
MECHATROLINK-II Repeater	Communications repeater. (Yaskawa Electric Corporation)												JEPMC-REP2000-E	

■ Motion Control Units

Unit type	Product name	Specifications		Mountable Racks							No. of unit numbers allocated	Current consumption (A)		Model
				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
			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	
	Teaching Box Connecting Cable	---	---							Cable length: 2 m		CV500-CN224		
	ROM Cassette	---	---							---	CVM1-MP702-V1			
	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.