



■ 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	<b>Position Control Unit with MECHATROLINK-II interface</b> 	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 numbers' words	0.36	---	CS1W-NC271
			4 axes	Yes	Yes	No	Yes	Yes	Yes	No				CS1W-NC471
			16 axes											CS1W-NCF71
	<b>MECHATROLINK-II Cables</b>			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			
<b>MECHATROLINK-II Terminator</b>				Terminating resistance for MECHATROLINK-II (Yaskawa Electric Corporation) The model number at the right is used to order from OMRON.								FNY-W6022		
<b>MECHATROLINK-II Repeater</b>				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	<b>Motion Control Unit (G-language programming)</b> 	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
	<b>Teaching Box</b>		---		---						---		CVM1-PRO01-V1	
	<b>Teaching Box Connecting Cable</b>		---		---						Cable length: 2 m		CV500-CN224	
	<b>ROM Cassette</b>		---		---						---		CVM1-MP702-V1	
	<b>MC Terminal Block Conversion Unit *</b>		For 2 axes		---						---		XW2B-20J6-6	
	<b>MC Terminal Block Conversion Unit *</b>		For 4 axes		---						---		XW2B-40J6-7	
	<b>MC Terminal Block Conversion Unit Cable</b>		---		---						Cable length: 1 m		XW2Z-100J-F1	

\*Simplifies I/O connector wiring.