



MECHATROLINK-II-compatible Position Control Unit

Unit type	Name	Specifications		Words required	Current consumption (A)		Model
					5 V system	26 V system	
CS1 CPU Bus Unit	Position Control Unit 	2 axes	Control commands are sent using MECHATROLINK-II communications. Direct operation from ladder program. Control modes: Position control, speed control, and torque control	1 unit number's words	0.36	---	CS1W-NC271
		4 axes					CS1W-NC471
		6 axes					CS1W-NCF71
	MECHATROLINK-II Cables	MECHATROLINK-II Cables (without ring core and USB connector on both ends) Note: Can be connected to R88D-GN and R88D-KN only.		Cable length: 0.5 m		FNY-W6002-A5	
				Cable length: 1 m		FNY-W6002-01	
				Cable length: 3 m		FNY-W6002-03	
				Cable length: 5 m		FNY-W6002-05	
				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 Terminating Resistors	Terminating Resistor for MECHATROLINK-II (Yaskawa Electric Corporation) Use the model numbers provided in this catalog when ordering from OMRON.				FNY-W6022		
MECHATROLINK-II Repeater	For more than 15 slaves/30 m (Yaskawa Electric Corporation)				JEPMC-REP2000-E		

Motion Control Units

Unit type	Name	Specifications		Words required	Current consumption (A)		Model
					5 V system	26 V system	
CS1 Special I/O Unit	Motion Control Units 	4 axes	G-language programming, analog outputs	5 unit numbers' words	0.70 (1.00 A when a Teaching Box is connected)	---	CS1W-MC421-V1
		2 axes	G-language programming, analog outputs	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 (Memory Pack)	---				CVM1-MP702-V1	
	MC Terminal Block Conversion Unit for 2 Axes	Simplifies I/O connector wiring.				XW2B-20J6-6	
	MC Terminal Block Conversion Unit for 4 Axes			XW2B-40J6-7			
	MC Terminal Block Conversion Unit Cable	---				XW2Z-100J-F1	