



■ 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 numbers' 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 |
| | MC Terminal Block Conversion Unit * | | For 4 axes | | --- | | | | | | | | | | | | XW2B-40J6-7 |
| | MC Terminal Block Conversion Unit Cable | | --- | | | | | | | | | | Cable length: 1 m | | XW2Z-100J-F1 | | |

*Simplifies I/O connector wiring.