YASKAWA ELECTRIC CORPORATION

Compact Machine Controller MP2400

Features

- The MP2400 is a compact machine controller. It has the functions of a CPU module, an SVB module, and an Ethernet (100 BASE-TX) module.
- The MP2400 controller can control 16 axes.
- Easy to program with a text editor for sequence control and motion control.
  Model: JEPMC-MP2400-E

MP2400

Specifications

Item	Specifications
Control Method	Motion control with MECHATROLINK-Ⅰ or Ⅱ using position, speed, and torque references
Number of Controlled Axes	MECHATROLINK-Ⅰ : 14 axes max. MECHATROLINK-Ⅱ : 16 axes max.
Applicable Servo Drivers	MECHATROLINK-Ⅰ : SERVOPACKs in the SGD-□□□N, SGDB-□□, SGDS, or SGDH series with a JUSP-NS115 or JUSP-NS100 application module MECHATROLINK-Ⅱ : SERVOPACKs in the SGDS or SGDH series with a JUSP-NS115 application module, and SERVOPACKs in the SJDE-□□AN□ series
Reference Unit Minimum Setting	1, 0.1, 0.01, 0.001, 0.0001, 0.00001 (Units: mm, inch, deg, pulse, μm)
Max. Programmable Value	-2147483648 to 2147483647pulses (signed 32-bit value). Unlimited feeding is also available.
Motion Commands	Positioning, linear interpolation, circular interpolation, zero-point return, skip, set time positioning, and external positioning
Fast-forward Speed	1 to 2147483647 [Reference Units/min]
Interpolation Feed Speed	1 to 2147483647 [Reference Units/min]
Override Function	0.01% to 327.67% (Positioning: by axis; Interpolation: by group)
Acceleration/Deceleration Control	Linear, asymmetric, and S-curve

MECHATROLINK specifications

		M-Ⅰ	M-Ⅱ	
		17-byte	17-byte	32-byte
Command	Servo	×	×	×
	Stepping Motor Drivers	×	×	×
	Intelligent I/O	×	×	×
	Simple I/O	×	×	×
	Inverter	×	×	×
Transmission cycle		2ms	0.5ms, 1ms, 1.5ms, 2ms	

Contact Information

Please access YASKAWA website (Please click. Then you can access.)
YASKAWA has sales and after-sales service all around the world.
America: U.S.A., Brazil, Canada, Mexico
Asia Pacific: China, Korea, Taiwan, Singapore, India
Europe: Germany, Sweden, Israel, Italy, France, Spain, Finland, Netherlands, Slovenia, Czech republic, Turkey