Product range

Servo Amplifiers MR-J3-A/B/T (200 V Type)		10A 10B 10T	20A 20B 20T	40A 40B 40T	60A 60B 60T	70A 70B 70T	100A 100B 100T	200A 200B 200T	350A 350B 350T	500A 500B 500T	700A 700B 700T
Power supply	Voltage/frequency *	3-phase 200-230V AC, 50/60Hz 1-phase 200-230V AC, 50/60Hz					3-phase 200-230V AC, 50/60Hz				
	Permissible voltage fluctuation	3-phase 200-230V AC: 170-253V AC 1-phase 230V AC: 207-253V AC					3-phase 170-253V AC				
	Permissible frequency fluctuation	Max. ±5%									
Control system		Sinusoidal PWM control / current control system									
Dynamic brake		Built-in									
Protective functions		Overcurrent shutdown, regeneration overvoltage shutdown, overload shutdown (electronic thermal relay), servo motor overheating protection, encoder fault protection, regeneration fault protection, undervoltage / sudden power outage protection, overspeed protection, excess error protection									
Cooling / protection rating		Self-cooling, open (IP00)				Fan cooling, open (IP00)					
Environment	Ambient temperature	Operation: 0-55°C (non-condensing); Storage: -20-65 °C (non-condensing)									
	Relative humidity	Operation: 90% RH max. (non-condensing); Storage: 90% RH max. (non-condensing)									
	Elevation	Max. 1000m above sea-level									
	Vibration	Max. 5.9m/s² (0.6G)									
Weight [kg]		0.8	0.8	1	1	1.4	1.4	2.3	2.3	4.6	6.2

Servo Amplifiers MR-J3-A4/B4/T4 (400 V Type)		60A4 60B4 60T4	100A4 100B4 100T4	200A4 200B4 200T4	350A4 350B4 350T4	500A4 500B4 500T4	700A4 700B4 700T4	11KA4 11KB4	15KA4 15KB4	22KA4 22KB4
Power supply	Voltage/frequency *	3-phase 380-480V AC, 50/60Hz								
	Permissible voltage fluctuation	3-phase 323-528V AC, 50/60Hz								
	Permissible frequency fluctuation	Max. ±5%								
Control system		Sinusoidal PWM control / current control system								
Dynamic brake		Built-in						External option		
Protective functions		Overcurrent shutdown, regeneration overvoltage shutdown, overload shutdown (electronic thermal relay), servo motor overheating protection, encoder fault protection, regeneration fault protection, undervoltage / sudden power outage protection, overspeed protection, excess error protection								
Cooling / protection rating		Self-cooling, open (IP00)	Fan cooling, open (IP00)							
Environment	Ambient temperature	Operation: 0-55°C (non-condensing); Storage: -20-65 °C (non-condensing)								
	Relative humidity	Operation: 90% RH max. (non-condensing); Storage: 90% RH max. (non-condensing)								
	Elevation	Max. 1000m above sea-level								
	Vibration	Max. 5.9m/s² (0.6G)								
Weight [kg]		1.7	1.7	2.1	4.6	4.6	6.2	18	18	19