

## Controller Specifications

### Actuator Controllers

Controller	9A-y03-z	9A-y05	9A-y12
For Use with Actuator	3-Lxx, 4-Lxx	3-Rxx, 4-Rxx 3-Kxx, 4-Kxx	3-Rxx, 4-Rxx, 3-Kxx, 4-Kxx with fast response
Compliance Voltage	3 V	5 V	12 V
Line Input	85-260 VAC single phase, 50-60 Hz, 2A max		
Remote Control Input	0-5 VDC Max		
Interface Options	y = M - Analog, 2 - RS-232, 4 - RS-485, U - USB		
Dimensions (L H D)	10"x 5"x 8" / 254mm x 127mm x 203mm		

### Stepper Motor Controllers

Input Specifications	
AC Input	85-260VAC (Single Phase), 50-60Hz, 2A
Fuse	2A/250V fuse

Output Specifications	
Compliance Voltage	12V
Over Voltage Protection	110% - 135%, Shutdown; Repower On.
Over Load Protection	105% - 150%, Constant I limit, Auto Recovery
Output Current Limit	1.6 A
Slew Rate	8 mA/μs
Temperature Effect	+/-0.05%/°C (0-50°C)
Over Temperature Protection	Internal Components >70C System Shutdown; Repower On.

Environment Specifications	
Operation Temperature:	-10 to +60C
Storage Temperature:	-20 to +85C
Relative Humidity:	10% to 95%, non-condensing

Physical Specification	
Dimension: (LxHxD)	254mm x 127mm x 203mm (10 in x 5 in x 8 in)
Construction	Enclosure
Weight	7.2 lb (3.20kg)