

Axis Modules

The table below lists the specifications for the axis modules.

The:	For the 1394-AM03 is:	For the 1394-AM04 is:	For the 1394-AM07 is:	For the 1394-AM50 and -AM50-IH is:	For the 1394-AM75 and -AM75-IH is:
Speed Regulation ¹	0 to 0.05% of base speed with 100% torque disturbance	0 to 0.05% of base speed with 100% torque disturbance	0 to 0.05% of base speed with 100% torque disturbance	0 to 0.05% of base speed with 100% torque disturbance	0 to 0.05% of base speed with 100% torque disturbance
Static Gain (rms A/mV) ¹	1.28	2.6	4.9	22.8	22.8
Peak Current Limit Adjust	200%	200%	200%	143%	143%
Modulation Frequency	5 kHz $\pm$ 10%	5 kHz $\pm$ 10%	5 kHz $\pm$ 10%	5 kHz $\pm$ 10%	5 kHz $\pm$ 10%
Drift	0.03 rpm/degree C	0.03 rpm/degree C	0.03 rpm/degree C	0.03 rpm/degree C	0.03 rpm/degree C
Nominal Input Voltage	530/680V DC	530/680V DC	530/680V DC	530/680V DC	530/680V DC
Continuous Current (rms)	3.0A	4.5A	7.5A	23.3A	35.0A
Peak Current (rms - 1 second)	6.0A	9.0A	15.0A	33.2A	50.0A
Continuous Power Out 380/480V nominal	1.6/2 kW	2.4/3 kW	4/5 kW	11.34/15.6 kW	17.8/23.8 kW
Efficiency	98%	98%	98%	98%	98%
Weight	5 kg (11.02 lb)	5 kg (11.02 lb)	5 kg (11.02 lb)	7 kg (15.44 lb) (-AM50) 6.73 kg (14.8 lb) (-AM50-IH)	7 kg (15.44 lb) (-AM75) 6.73 kg (14.8 lb) (-AM75-IH)
Capacitance	110 μ F	110 μ F	220 μ F	465 μ F	660 μ F

¹ When used with the controller in the 1394-SJT.xx system module.

Contact Ratings

The table below lists the contact ratings of the drive relay outputs.

The contact rating for the:	Is:
Drive OK (DROK)	115V AC/24V DC, 1A inductive
Contactor Enable Relay	115V AC/24V DC, 1A inductive
Thermal switch	115V AC/24V DC, 1A inductive