

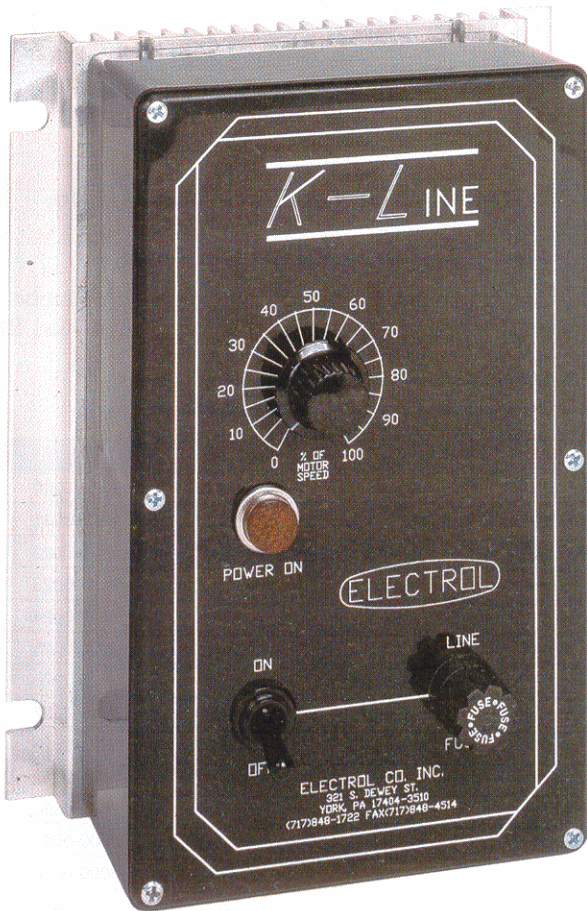


# K-LINE SERIES 787B

AVAILABILITY: FACTORY AND DISTRIBUTOR STOCKS

## DC Motor Controller

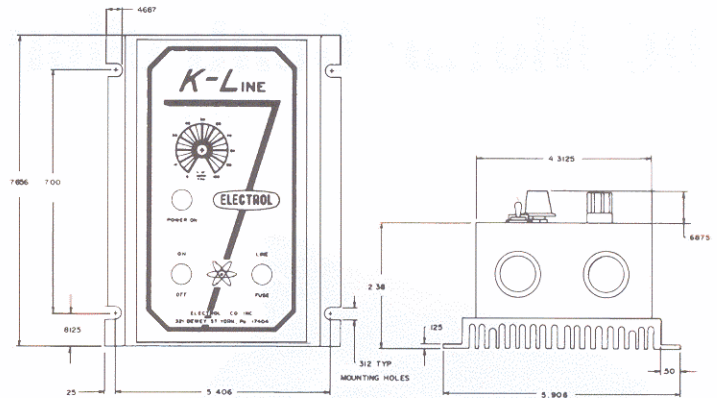
1/50-2 HP, 115 or 230 VAC



Built for OEM applications in Conveyors, Woodworking or Packaging Equipment, Industrial or Commercial Machinery, Industrial Process Furnaces and Ovens, Measuring and Dispensing Pumps.

### STANDARD FEATURES

Multiple horsepower, dual voltage rating • 12 amperes (DC) continuous rating (with heat sink) • 2% regulation of base speed • 50:1 speed range (constant torque) - 25:1 if a 90 volt motor is operated from a 230 volt input • Transient and surge protection • Line voltage compensation • Fuse wave rectification • Line fuse • "Soft Start" circuitry • "Power On" indicating light • Power "On-Off" Switch • 5k Ohm, .5 watt master speed potentiometer  
**Requires IR Module - select from chart**



### STANDARD ADJUSTMENTS

Minimum/Maximum speed • Acceleration/Deceleration speed (.5-4 sec.) IR compensation (no load to full load RPM) • Maximum torque (current)

### SPECIAL FEATURES

Single model for 90V and 180V applications • Potentiometer and Terminal blocks arranged for easy connection and adjustment • Discrete SCR's and diodes for higher amperage and better heat dissipation

### IR MODULE SELECTION CHART

Supply Volt.	Motor HP	Arm. Volt.	IR Part No.
115 VAC	1/50-1/25	90 VDC	9000-0020
115 VAC	1/20-1/10	90 VDC	9000-0021
115 VAC	1/8-1/4	90 VDC	9000-0022
115 VAC	1/3-1/2	90 VDC	9000-0023
115 VAC	3/4	90 VDC	9000-0024
115 VAC	1	90 VDC	9000-0025
230 VAC	1/25-1/10	180 VDC	9000-0026
230 VAC	1/8-1/6	180 VDC	9000-0027
230 VAC	1/4-1/3	180 VDC	9000-0028
230 VAC	1/2	180 VDC	9000-0029
230 VAC	3/4	180 VDC	9000-0030
230 VAC	1	180 VDC	9000-0031
230 VAC	1-1/2	180 VDC	9000-0032
230 VAC	2	180 VDC	9000-0033

### OPERATING VOLTAGES

POWER SOURCE (single-phase)	OUTPUT VDC	
	Armature	Field
115V, 50 or 60 Hz	0-90	100/50
230V, 50 or 60 Hz	0-180	200/100

Part No.	Style	WEIGHT	
		Lbs.	Kg.
C-MH-X-787B-E	Enclosed	4	1.99