

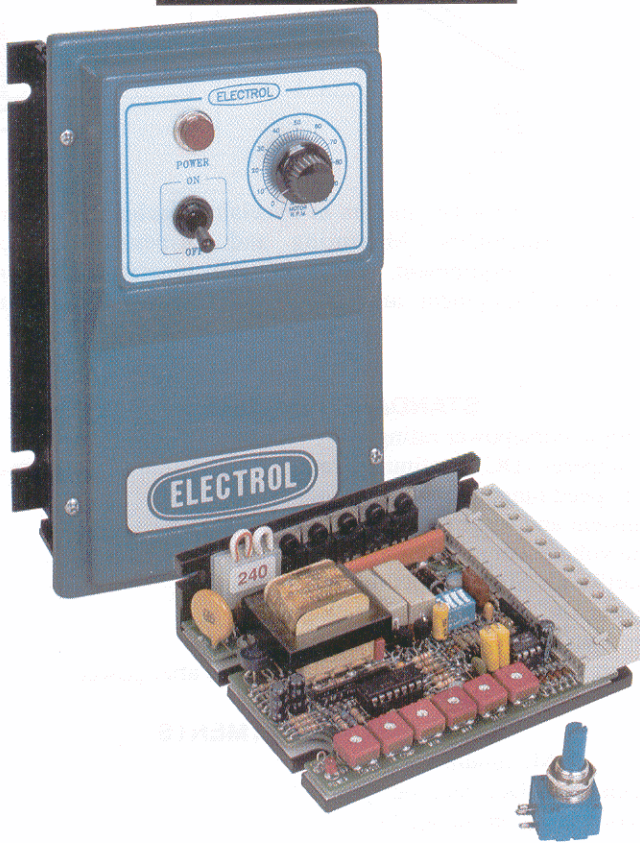
AVAILABILITY: FACTORY AND DISTRIBUTOR STOCKS

*Easy Hook Up, Economical, Single
Phase Adjustable Speed*

DC Motor Controller

1/50-2 HP 115 or 230 VAC

No IR Module Required



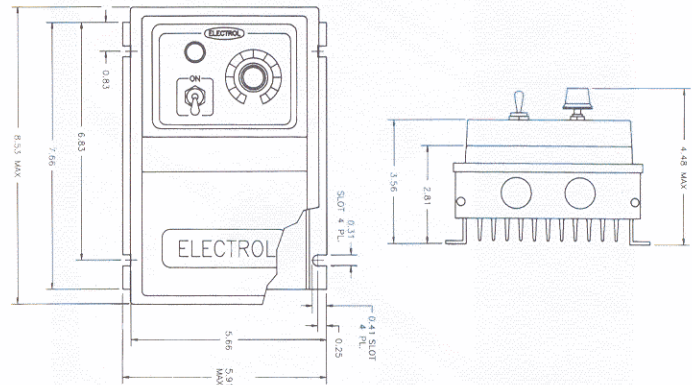
 Recognized under Component Program
of Underwriters Laboratories, Inc.

Providing precise control of DC Motors in Industrial and Commercial Equipment, Measuring and Dispensing Pumps, Industrial Process Furnaces and Ovens, Packaging Machinery, Woodworking Equipment and Conveyors.

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) • Transient and surge protection • Line voltage compensation • Line fuse (enclosed unit) • "Soft Start" Circuitry • "Power On" indication • Power "On-Off" switch (enclosed unit) • Easy connection on Standard Screw Terminal or Plug-In Screw Terminal models • 5k Ohm, .5 Watt master speed potentiometer • Anodized angle bracket mounting on NEMA 12 enclosure

Performance matched with ELECTROL PM Motors & Gearmotors



STANDARD ADJUSTMENTS

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

SPECIAL FEATURES

- Single model for 90V and 180V applications
- Trim pots and Terminal blocks arranged for easy installation & adjustment
- Discrete SCR's & diodes for higher amperage and better heat dissipation
- Additional heat sink (part no. 2900-2928) required for chassis mount unit when used on the following applications:
3/4 and 1 HP, 115 VAC
1-1/2 & 2 HP, 230 VAC

OPERATING VOLTAGES

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

Part No.	Style	WEIGHT	
		Lbs.	Kg.
C-MH-18-790-CM	Pluggable	1	.49
C-MH-18-790A-CM	Screw Terminal	1	.49
C-MH-XB-790A-E	Enclosed	4	1.99