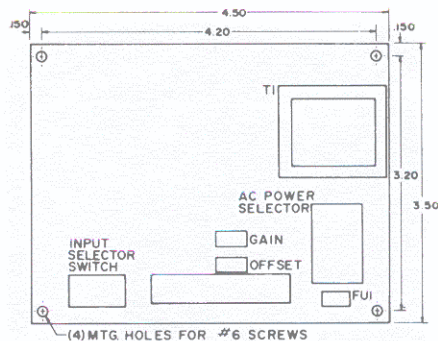
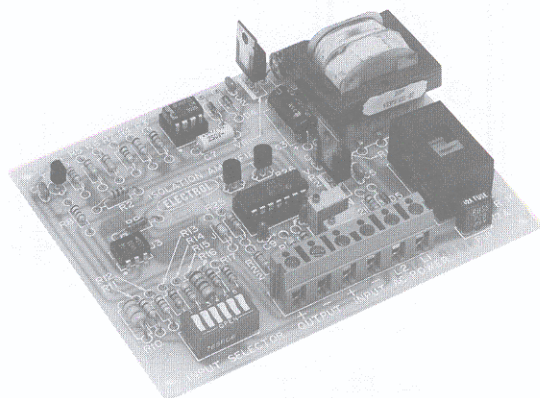


OPTION A55 – For use with a variety of Electrol Controls

Isolation products pass precise analog signals between isolated input and output stages without degradation, even though the input and output may be referenced to different ground systems separated by high voltage and extreme noise. They are used to

isolate and condition DC voltage and current signals from various sources (computers, tachometers, transformers or motors) which drive variable speed controls with a voltage following input.



STANDARD FEATURES

- Multiple horsepower rating • Power supply selectable between 115 or 230 VAC, 50/60 Hz • Input voltage DIP switch selectable between 0-13, 0-25, 0-120, or -0550 VDC • Input current DIP switch selectable between 1-5, 4-20, 10-50 MA • Output voltage is linear function of input (13V at 10 MA) • “Offset” multi-turn trim potentiometer with a ± 4 volt range (13 volts max) • $\pm 1\%$ linearity • 0-50°C temperature range • May be used in a variety of isolating and conditioning applications

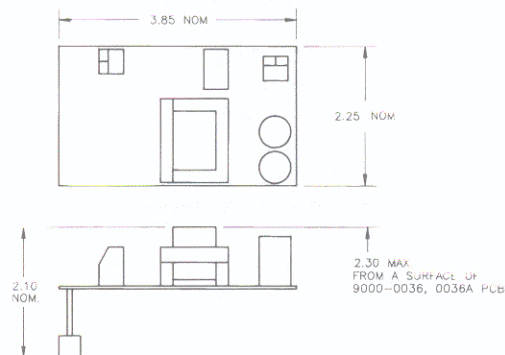
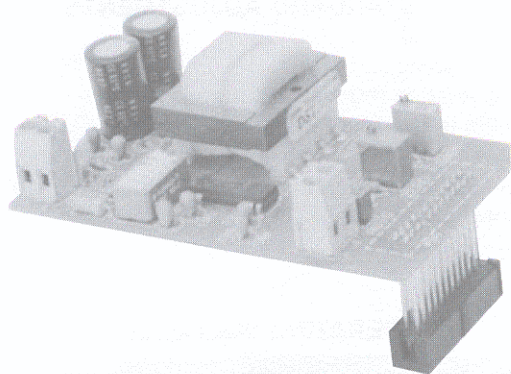
INSTALLATION

The A55 isolation amplifier can be panel mounted in any direction with (4) 6-32 screws. The unit must be spaced a minimum of 1/4" off the panel to prevent electrical contact with grounded or live wiring.

WARNING!

Do not bundle AC power wiring with either input or output wiring to avoid erratic operation caused by induced voltages. Use shielded cables on output wiring longer than 18".

OPTION A67 – For use with Series 754A D-Trol and Wet-Spec



STANDARD FEATURES

- Power supply selectable between 115 or 230 VAC, 50/60 Hz • Input voltage DIP switch selectable between 0-13, 0-25, 0-120, or 0-550 VDC • Input current DIP switch selectable between 1-5, 4-20, 10-50 MA DC • “Offset” multi-turn trim potentiometer with a ± 1.6 volt range (13 volt max.) • $\pm 0.05\%$ linearity • 0-50°C temperature range

INSTALLATION

The A67 isolation amplifier mounts on the main circuit board of the standard D-Trol or Wet-Spec using two insulated threaded spacers.

WARNING!

Do not bundle AC power wiring with either input or output wiring to avoid erratic operation caused by induced voltages. Use shielded cables on output wiring longer than 18".