

SAFETY WARNING!

Unit should be installed by a qualified electrician in accordance with the national electrical code and other local codes which may apply. This control must be grounded when installed. Failure to follow these instructions may result in electrical shock or a fire hazard. This control is suitable for mounting in a metal or polymeric field enclosure. These controls must not be used at ratings exceeding those clearly marked on the device.

APPLICATION

- Motor Type - Shaded Pole, PSC and Universal
- Required Load - Fans and speed dependant loads.

WIRING

- Warning! - Power must be turned off before wiring. Connect control in series with motor and line voltage - never connect control across line.

MOUNTING

- Use 2" deep standard Gem Box
- Secure control with outer bracket tabs

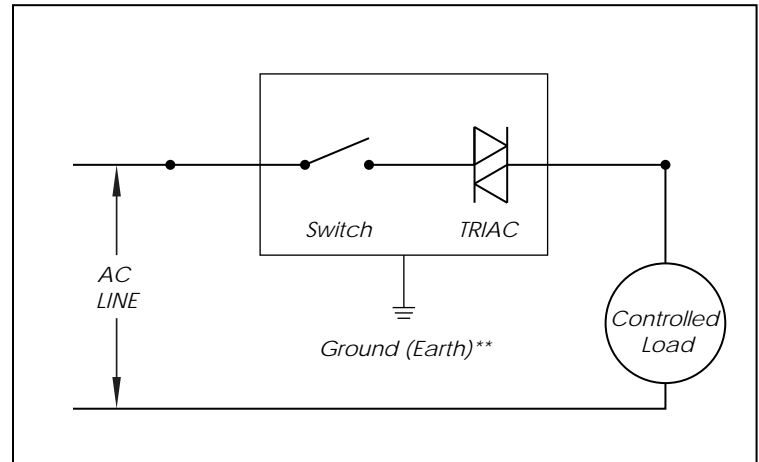
MINIMUM SPEED ADJUSTMENT

- Motor must be in actual operating conditions to achieve proper speed adjustment. (Motor will not slow down unless proper load is applied)
- Turn main control knob clockwise to lowest speed position
- Locate and adjust minimum speed setting on front plate with screw driver (rotate clockwise to decrease minimum speed; counter-clockwise to increase minimum speed)
- Note: For all high current models, 8 amps or greater, the opposite minimum speed rotation adjustment must be made so that motor runs with sufficient torque to prevent stalling
- Motor will now operate from this preset minimum speed to full speed

FINAL MOUNTING

- Install front dial plate - remove protective plastic
 - Turn main control until switch snaps off
 - Push on knob so that pointer is off position
- Note: For no switch models install front dial plate and push on knob

CONNECTION DIAGRAM FOR 2-WIRE CONTROLS



TRIAC SIZING CONSIDERATIONS

- ** Some models do not require grounding. Therefore, a ground wire is not provided
- Make sure the total circuit amperage load does not exceed the TRIAC's rated amperage
- Make sure TRIAC's voltage rating matches line voltage

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