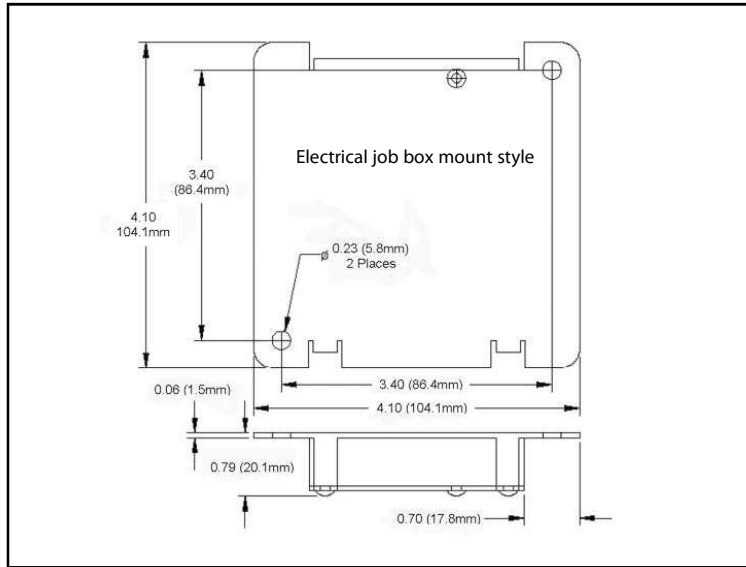




TRIAC-SMART-7.5 SPEED CONTROL SUBMITTAL

BMS, MANUAL OR AUTOMATIC CONTROL OF SINGLE OR MULTIPLE SHADED POLE/PSC MOTORS

MODEL	VOLTAGE	AMPS
TRIAC-SMART-7.5	95-250V	7
TRIAC-SMART-7.5-AUTO	95-250V	7



PROJECT	
ENGINEER	
ARCHITECT	
CONTRACTOR	
SUBMITTED BY	
DATE	
QUANTITY	

PART NUMBER & QUANTITY

TRIAC-SMART-7.5 Qty. _____
(0-10VDC interface or Manual speed setting)

TRIAC-SMART-7.5-AUTO Qty. _____
(Includes two temp sensors for automatic control)

Note: Expect the fan to hum at the lower to middle speed where the sine-wave chopping is most severe. Fan control works best when fully loaded.

SMART SPEED CONTROL DESCRIPTION

Airius smart speed controls are used to vary the speed of shaded pole (SP) or permanent split capacitor (PSC) motors. This controller can be integrated with a BAS via 0-10vdc control interface, manually through a speed setting switch, or automatically with two temperature sensors. Speed controls for EC motors: refer to the potentiometer submittal. Speed control for EL fans: refer to the FanCenter submittal.

ATTRIBUTES AND CHARACTERISTICS

- Controls airflow based on 4-20 mA control signal or 2-10VDC control signal
- Controls airflow manually based on one of 64 switch settings
- Controls airflow automatically based on the temperature difference between sensors placed at the floor and ceiling.
- Power input: 95-250 VAC, automatically detected
- Frequency: 47-64 Hz, automatically detected
- Mounts in a standard 4" x 4" x 1.5" electrical job box
- Full voltage start impulse
- Can control multiple fans on a dedicated circuit

CODE APPROVAL

- UL recognized to UL508, CSA-C22.2, File E100344

WARRANTY

- Warranty - 1 - years parts and workmanship

