TRIAC TO BE ASSEMBLED IN A 100X150MM ALUMINUM PLATE W/ FAN COOLER.

- Foot Pedal Insulated from AC line
- Foot Pedal Adjusted to Get 9% Output with Reel at Maximum Resistance
  - 75V 195V
  - 20V 90 10 9%
  - 213V 127V 99 to 59%
  - 0 OM, Read=0 OM, Read=1500 OHM Range

TRIAC Control

Foot Pedal

Transformer T1 = 240/12V, Xeff=35000 OHM

Test Results - 18 July 2012

Main Machine Interface
- L1=Light Bulb, 230V, 60W
- R1=5k160K, 1/2W Resistor
- R1=200K, 2W Potentiometer
- R1=500 OHM, 4W Potentiometer
- T1=240/12V, 0.4A Transformer SVA

Power Supply
- 540V, 60Hz
- GND
- Line 2
- Line 1