



**OMEGA TYPE PET-435** Power Electronic Training Board has been designed specifically to study Lamp Dimmer Using Diac and Triac. The board is absolutely self contained and requires no other apparatus.

Practical experience on this board carries great educative value for Science and Engineering Students.

**OBJECT**

01 To study Lamp Dimmer Using Diac and Triac.

**FEATURES**

The board consists of the following built-in parts:

- 01 An Isolation Transformer having output 230V AC at 200mA.
- 02 Triac
- 03 Diac.
- 04 Lamp load.
- 05 Potentiometer to control intensity of Lamp.

- 06 Adequate no. of other Electronic Components.
- 07 Mains ON/OFF switch, Fuse and Jewel light.
- 08 The unit is operative on 230VAC  $\pm 10\%$  at 50Hz.
- 09 Adequate no. of patch cords stackable 4 mm spring loaded plug length 50cm.
- 10 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
- 11 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 12 Weight : 4.300 Kg. (Approx.)
- 13 Dimension : W 340 x H125 x D 210.

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

**OMEGA ELECTRONICS**