



Power Electronic Training Board has been designed specifically to study trigger of a SCR by using a LDR. Practical experience on this board carries great educative value for Science and Engineering Students.

Object:

1. To trigger a SCR by using a LDR.

Features:

The board consists of the following built in parts :

01. 6VA.C. at 2 Amp power supply internally connected.
02. SCR.
03. LDR mounted on Panel.
04. Two potentiometers for intensity and sensitivity control.
05. Adequate no. of other electronic components.
06. Mains ON/OFF switch, Fuse and Jewel light.
07. The unit is operative on 230V \pm 10% at 50Hz A.C. Mains.
08. Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections observation of waveforms.
09. Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
10. Weight : 3 Kg. (Approx.)
11. Dimension : W 340 x H 110 x D 210

Other Apparatus Required:

01. Digital Multimeter 3¾ digit - Order Code 16901
02. Cathode Ray Oscilloscope 20MHz

Note: Specifications are subject to change.