



**36406** Study of SCR (buzzer & switch) The setup is absolutely self-contained and requires no other apparatus.

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

#### **Object:**

To study the following

- 01 To Study SCR as Switch.
- 02 To Study SCR as Buzzer
  - 2.1 Study of Make-to-operate Buzzer
  - 2.2 Study of Break- To-operate Buzzer
  - 2.3 Demonstration of Temper-proof Burgler Buzzer

#### **Features**

The board consists of the following built in parts :

- 01 12V I.C. regulated D.C. power supply
- 02 Adequate no. of electronic components i.e. Push button 4 nos, SCR 3nos, Diode 1N4007 3 nos, Buzzer 1 nos load resistor and other adequate no of components.
- 03 The Unit is operative on 230V,  $\pm 10\%$  at 50Hz A.C. mains.
- 04 Good quality, reliable terminals/Sockets are provided at appropriate places on panel for connections/ observations.
- 05 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 06 Patch cords are provided to make required connections.
- 07 Weight : 1.4 Kg. (Approx.)
- 08 Dimension : W 340 x H 125 x D 210 (mm)

#### **Other Apparatus Required**

- 01 Dual trace CRO

Note: Specifications are subject to change.

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