



**OMEGA TYPE ETB-290 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 resister 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 OMEGA TYPE CRO-20

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

**OMEGA ELECTRONICS**