



OMEGA TYPE ETB-179 Experimental Training Board has been designed specifically for the Study of Photo Transistor and its Application.

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

OBJECT

- 01 To Study generation of voltage corresponding to the change of light intensity on photo transistor.
- 02 To Study an application to drive a relay with OP-AMP used in comparator mode and a Transistor as control switch to operate the relay.

FEATURES

The board consists of the following built-in parts:

- 01 $\pm 12V$ D.C. at 150mA, IC regulated power supply internally connected.
- 02 +12V A.C. at 50mA, Supply with light intensity control.
- 03 12V 3W lamp with lamp holder..
- 04 Photo Transistor.
- 05 12V D.C. relay 1 green & 1 red LED.
- 06 Two transistors SL100 & BC107.
- 07 Adequate no. of Electronic Components.
- 08 Mains ON/OFF switch, Fuse and Jewel light.
- 09 The unit is operative on 230VAC $\pm 10\%$ at 50Hz A.C. Mains.
- 10 Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug, length 50cm.
- 11 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections & observation of waveforms.
- 12 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 13 Weight : 2.400 Kg. (Approx.)
- 14 Dimension : W 340 x H 125 x D 210

OTHER APPARATUS REQUIRED:

- 01 Bulb 240V, 60W

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

OMEGA ELECTRONICS

Works:
28E & F, Malviya Industrial Area,
Jaipur-302 017 (INDIA)
Phone: 0141-2751559

E-mail : info@omegaelectronics.net
omegajipur62@gmail.com

Marketing Division:
B-28, Fateh Singh Scheme, Opp. Rajputana
Palace Sheraton, Jaipur-302006 (INDIA)
Phone : 091-141-2375647, 2379223

www.omegaelectronics.net