



Experimental Training Board has been designed specifically for the study of Time Delay Relay circuit. This training board can also be used as a time delay relay to control external loads. 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, specially in the industrial electronics.

**Object:**

01. To study the time delay relay circuit with controlling ON time.
02. To study the time delay relay circuit with controlling OFF time.

**Features:**

The board consists of the following built-in parts :

01. +12V D.C. at 100mA, IC regulated Power Supply internally connected.
  02. Relay 12V D.C. having single pole, 2 way, to control ON time as well as OFF time, connected internally with circuit.
  03. Provision for varying the delay time i.e. time can be set from 1 sec to 100 sec.
  04. Trigger & Reset switches.
  05. 15 W pigmy lamp to demonstrate the relay operation.
  06. Circuit based on timer IC.
  07. Adequate no. of other electronic components.
  08. Mains ON/OFF switch, Fuse and Jewel light.
- \* The unit is operative on 230V  $\pm$ 10% at 50Hz A.C. Mains.
  - \* Adequate no. of patch cords stackable from rear both ends 4mm spring loaded plug length ½ metre.
  - \* Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms.
  - \* Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Note: Specifications are subject to change.

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