



OMEGA TYPE ETB-178 Experimental Training Board has been designed specifically for the study of Phase Sequence Monitoring. This Training Board gives a better understanding to detect whether the incoming low voltage three phase signal is in proper phase or not. Practical experience on this board carries great educative value for Science and Engineering Students.

OBJECT

01 To study Detection of the Incoming low voltage RYB phase sequence.

FEATURES

The board consists of the following built-in parts:

- 01 $\pm 15V$ D.C. at 50mA, IC regulated power supply internally connected.
- 02 $+ 10V$ D.C. at 50mA, IC regulated power supply internally connected.
- 03 Three OP-AMP ICs 741.
- 04 D flip flop IC 4013.
- 05 Nand Gate IC 4011.
- 06 Two BC177 & one BC147 Transistors.
- 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.
- 10 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections & observation of waveforms.
- 11 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
- 12 Weight : 4.00 Kg. (Approx.)
- 13 Dimension : W 340 x H 125 x D 210

LIST OF ACCESSORIES:

- 01 Patch cords 4 mm length 50cm RED.....04
- 02 Patch cords 4 mm length 50cm BLACK.....02

OTHER APPARATUS REQUIRED:

- 01 RYB Signal Generator OMEGA TYPE ETB-174 or Three phase variac Input 0-415 V Output 0-470 V current 1 Amp

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

OMEGA ELECTRONICS

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