



OMEGA TYPE DB-25 Dynamic Demonstration Board has been designed specifically for the study of Two-Stage Decade Counter. This Training Board gives a better understanding of decade counting (divide by 10 counter), cascaded with another decade counter to give divide by 100 counter. 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.

OBJECT

To study decimal counting starting from 00 to 99 with the help of two stage decade counters using I.C. 74390.

FEATURES

The board consists of the following built-in parts :

- 01 + 5V D.C. at 50mA, IC regulated power supply internally connected.
- 02 Two-stage decade counter IC 74390.
- 03 Two display decoder ICs 7447.
- 04 NAND gate IC 7400.
- 05 Two seven segment displays.
- 06 Adequate no. of other Electronic Components.
- 07 Mains ON/OFF switch, Fuse and Jewel light.
- 08 The unit is operative on 230V $\pm 10\%$ at 50Hz A.C. Mains.
- 09 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of waveforms.
- 10 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures,
- 11 Weight : 3 Kg. (Approx.)
- 12 Dimension : W 340 x H 125 x D 210

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

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