



Looking to the recent requirement of Educational Institutions we have developed OMEGA TYPE Interface Module for Thyristor Triggering which can be easily Interfaced with 8085 Microprocessor Trainer with the help of a flat cable connected 50 pin FRC connectors both sides. These can be also interfaced with IBM PC, XT, at with the help of a 96 BIT TTL I/O experimental interface OMEGA TYPE IFB-1.

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

OBJECT

01 To trigger the thyristor by interfacing.

FEATURES

The board consists of following built in parts.

- 01 5V D.C. at 50mA Regulated Power Supply.
- 02 6V D.C. at 100mA Regulated Power Supply.
- 03 5V D.C. at 50mA Regulated Power Supply.
- 04 LM 339 IC for ZCD.
- 05 MCT 2E of opto coupler.
- 06 One no. of TYN 612 SCR.
- 04 One no. of 50 pin FRC connector.
- 08 Easy to interface with OMEGA TYPE OEJ-85A and OEJ-86
- 09 Adequate nos. of other electronic components.
- 08 Mains ON/OFF switch and LED for indications.
- 09 The unit is operative on 230V \pm 10% at 50Hz A.C. mains.
- 10 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observations.

OTHER APPARATUS REQUIRED:

- 01 Microprocessor Training Kit 8085 OMEGA TYPE OEJ-85A.
- 02 Table lamp with 100W Bulb.

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

OMEGA ELECTRONICS