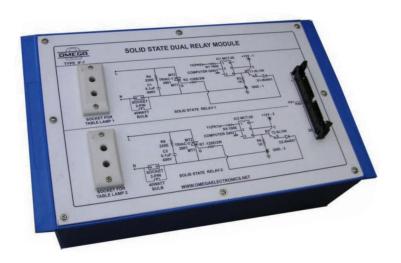


MICROPROCESSOR AND PC LAB EXPERIMENTAL INTERFACE MODULE SOLID STATE DUAL RELAY MODULE

OMEGATYPE IF-7



OMEGA TYPE IF-7 Solid state dual relay module which can be easily Interfaced with 8085/8086Microprocessor 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 turn ON/OFF the external 230V AC lamp.

FEATURES

The board consists of following built in parts.

- Two + 12V D.C. at 100mAIC Regulated Power Supplies. 01
- 02 Two ICs MCT-2E as op to-coupled.
- Two transistor SL-100 for driving two TRIACS. 03
- 04 Two TRIACS for driving two lamps.
- 05 Two 230V AC sockets, provided for connecting devices (40 watt).
- 06 Input are TTL compatible.
- 07 Adequate no. of other electronics components.
- 80 Mains ON/OFF switch and LED for indications.
- The unit is operative on 230V ± 10% at 50Hz A.C. mains. 09
- Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections 10 /observations.

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

OMEGA ELECTRONICS