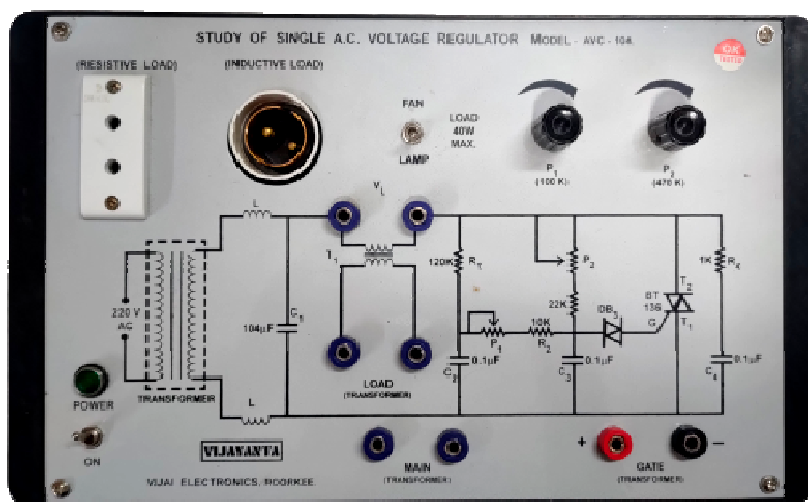


STUDY OF SINGLE PHASE A.C. VOLTAGE REGULATOR TRAINER USING TRIAC, MODEL : AVC – 104.



FEATURES :

- ** Power Supplies (Regulated, Continuously Variable and Short – circuiting proof), suitable for the experimental board are builtin.
- ** Circuit is printed and component are mounted being in the decorated bakelite sheet.
- ** Two TRIAC mounted inside the panel.
- ** Patch cords suitable to the terminals are supplied with the board for the easy inter connections and longer working life of terminals.
- ** A complete working manual containing theory, circuit details and operating instructions, is supplied with the experimental board.
- ** A ON / OFF switch with indicating lamp is provided.
- ** Input Supply : 220 Volt, Single Phase, 50 Hz A.C.
- ** Weight : 1.5 Kg Approximately
- ** Dimension : 195mm × 315mm × 75mm

VIJAYANTA TECHNOLOGIES PVT. LTD.

(Formerly Vijai Electronics)

Dr. Baldev Singh Marg 28/147 Civil Lines, Roorkee-247667 Distt. Haridwar, Uttarakhand

Phone No.: 01332 – 272509, 7579200827

E-Mail : vijayantatechologies@gmail.com, vijaielectronics1965@gmail.com

EXPERIMENT :

1. To study of single phase A.C. Voltage Regulator with Resistive Load and Inductive Load.
2. Triac Phase Control.

OTHER APPARATUS REQUIRED :

1. A General purpose C.R.O.
2. Multimeter.
3. Lamp Load. (Builtin)
4. Inductive Load. (Optional as a fan, socket builtin the board).

Note: There may be any change in specification due to continuous R & D without notice.

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