



46910 is a comprehensive learning platform which is very useful for Students to understand the application of Thyristor in intensity control. Two firing methods are provided with this platform internal power attenuator is included for observation of high voltage signals on the Oscilloscope. This platform is provided with internal AC/DC power supplies & exhaustive learning material.

Features

1. Built in Power Supply
2. Easy to operate and understand
3. On board two firing circuits
4. Gradual firing angle control up to 180 degree
5. In-built Power Isolation Circuit
6. Switch for selection of firing circuit

Object

1. Study lamp dimmer using DIAC & TRIAC firing scheme
2. Study lamp dimmer using UJT firing scheme

Technical Specifications

On board firing circuits :

DIAC TRIAC firing circuit

UJT firing circuit

SCR & TRIAC : 1 SCRs TYN 616, 600V/16A and

TRIAC BT136

Load : Lamp 100W

Mains Supply (mains) : 220V/110V, 50 Hz/60 Hz

Dimensions (mm) : W 420 x D 255 x H 100

Weight : 1 Kg. (approximately)

Operating Conditions : 0-40°C, 85% RH

Included Accessories : Bulb milky white (100W)-1 no.

Mains cord-1 no.

Optional

1. Sintel Power Electronics Software

Note: Specifications are subject to change.

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