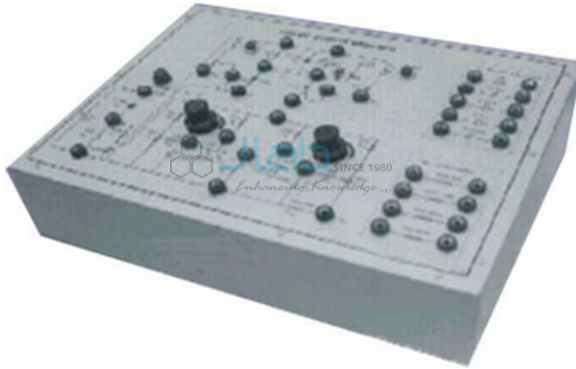


Product Code . JL-PET-1428

SCR DC Circuit Breaker



Description

SCR DC Circuit Breaker

- Power Electronic Training Board has been designed specifically to study the SCR as D.C. circuit breaker when the D.C. circuit exceeds specified limit.
- The set up works on 30V D.C. and permits the circuit breaker to be adjusted from 100mA to 1.8 Amp.
- This Training Board also includes Electronic Crow Bar circuitry to demonstrate the over voltage and over current trip under D.C. Condition.
- Practical experience on this board carries great educative value for Science and Engineering Students.

Object:

- To study SCR turn OFF action under varying loads.
- To study D.C. over voltage trip action.
- To study over current trip action.

Features:

The board consists of the following built-in parts:

- 20V D.C. Zener Stabilized Power Supply for UJTs.
- Two SCRs, one main and one auxiliary.
- Two push button switches, one to trigger the main SCR and other to trigger the auxiliary SCR which turns the main SCR OFF.
- Two UJTs connected in relaxation oscillator mode.
- Two potentiometers to adjust the over voltage and over current limit.

-
- Capacitor bank to study commutation under different load.
 - Resistance bank for varying load.
 - Adequate no. Of other Electronic Components.
 - Fuse protection in D.C. supply.
 - The unit is operative on 30V D.C. at 2 Amp.
 - Adequate no. of patch cords stackable 4 mm spring loaded plug length ½ metre.
 - Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/observation of wave forms.
 - Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References

Weight:

- 4 Kg. (Approx.)

Dimension:

- W 412 x H 150 x D 310

Other Apparatus Required:

- Digital Multimeter 3¾ digit - Order Code 16901
- 0-30V D.C.-2 Amp, IC Regulated Power Supply
- Dual Trace Cathode Ray Oscilloscope 20MHz (Unearthed)

Note:

- Specifications are subject to change.

Other Information:**Pay Mode Terms:**

- T/T (Bank Transfer)

Port of Dispatch:

- India

Delivery Time:

- 4 weeks

Packaging Details:

- Corrugated Box

SCR DC Circuit Breaker Manufacturer India, SCR DC Circuit Breaker Exporters, Electronics SCR DC Circuit Breaker, Buy SCR DC Circuit Breaker Online India, Educational Equipments for School Lab, Laboratory Equipment Suppliers, Didactic, Didactic SCR DC Circuit Breaker,

Power Electronics Trainers Equipment Exporters, Scientific Instrument and Equipment Manufacturer.

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