Product name:	Product code:
Triac Characteristics	EEN0025



Description

Triac Characteristics

Technical specification

07. D.C. Voltmeter, 65mm rectangular dial with switch selectable ranges of 5V and 100V.
08. TRIAC.
09. Three Potentiometers.
10. Reset switch.
11. Adequate no. of other electronic components.
12. Mains ON/OFF switch, Fuse and Jewel light

Triac Characteristics 1. **To study the gate characteristics of a TRIAC in the following modes :**
(a) Mode I+ : i.e. T2 positive with respect to T1 and gate positive with respect to T 1
(b) Mode I- : i.e. T2 positive with respect to T1 and gate negative with respect to T 1
(c) Mode III+ : i.e.T2 negative with respect to T1 and gate positive with respect to T 1
(d) Mode III- : i.e. T2 negative with respect to T1 and gate negative with respect to T 1
2. **To study the terminal characteristics of a TRIAC in the following modes :**
(a) Mode I+ : i.e. T2 positive with respect to T1 and gate positive with respect to T 1
(b) Mode III+ : i.e. T2 negative with respect to T1 and gate positive with respect to T 1
3. **To study the following applications of TRIAC** :
(a) Triac as a static switch (D.C. control).
(b) Control of A.C. with A.C. signal.
(c) To measure the holding current of IH. Triac. **FEATURES**
The board consists of following built-in parts:
01. 0-70V D.C. at 100mA, regulated Power Supply.
02. 0-3V D.C. at 30 mA, regulated Power Supply.
03. 55 Volt at 100mA, fixed A.C. Supply.
04. 7 Volt at 30mA, fixed A.C. Supply.
05. D.C Ammeter, 65mm rectangular dial with switch selectable ranges of 10mA and 100mA.
06. D.C Ammeter, 65mm rectangular dial to read of 0-30mA.

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