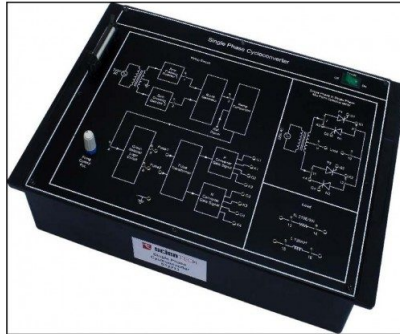




Step Three Phase Cycloconverter

Category: Electronic Engineering · Model reference: MZM-3002



SPECIFICATIONS

DESCRIPTION:

This is a platform which is very useful for Students to understand the concept of Thyristor firing method & working of single phase cycloconverter on various load configurations. 2713 is provided with inbuilt AC/DC power supplies & exhaustive learning material.

Features:

- Built in Power Supply
- Easy to operate and understand
- On board firing circuits
- Gradual firing angle control up to 180°
- Test points to observe output of different blocks
- Sockets for making interconnections
- 2 Year Warranty

Scope of Learning:

- Study firing circuit of Three phase cycloconverter
- Study single phase mid- point cycloconverter with resistive and inductive load.

Technical Specifications:

1. On board firing circuits
 - Ramp comparator firing scheme Interconnections 2mm sockets
 - (Gold plated) Firing angle variation
 - Gradual variation from 0 to 180 degree
2. SCR assembly
 - 4 SCRs 2P4M, 400V/2A

3. Pulse transformer

- PT4503, 1:1:1

4. Mains Supply

- 220V/110V, 50 Hz /60 Hz

5. Load

- Resistance-279E, 5W Test points

- 9 nos (Gold plated) Learning material

- CD (Theory, procedure reference results, etc.), (Online optional)

6. Operating Conditions

- 0-40°C, 85% RH

Included Accessories :

- 2mm Patch cords (blue) 16": 5nos.

- Mains cord : 1 no.

- Learning material (CD) : 1 no

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