

Sequence Impedance of Three Phase Transformer Training System



** Shown image is just for illustration original may differ

Introduction

Sequence Impedance of Three Phase Transformer Training System is a vital training system for the Electrical Laboratories. It provides comprehensive learning of Three Phase transformer by calculating positive, negative and zero sequence impedance, etc. The product is represented in such an easy way that each test can be studied differently in proper sequence. Not much brainstorming is required to make the circuit's connection which makes the system more interesting.

Product Features

- Control panel with digital microcontroller based measuring devices with high accuracy and resolution
- Transformer winding consist of copper for long term service
- Front board consists of MS Material with power coating to avoid any rust.
- Separate auxiliary supply facility to enable digital measuring instruments
- Lamp indicators for three phase supply
- Control Panel with round grills fitted on both sides for cooling purpose.
- Provided with suitable protection such as fuses, MCB, etc wherever requires
- Specially designed BS10 Terminals and patch cords for electrical safety
- Earthing screw provided at the back side of the control set-up
- Diagrammatic representation for the ease of connections.
- Product provides with protection fuses, colored patch cords, single phase cords, learning manual having theory operating procedure with connecting diagram, FAQ, Glossary, etc

Technical Specifications

Mains Supply	: Three Phase, 415VAC ±10%, 50Hz
Three Phase Transformer	
Rating	: 1kVA
Primary Voltage	: 415V AC ±10%, 50Hz
Secondary Voltage	: 415V AC ±10%, 50Hz
Type	: Isolation
Rated Current	: 4A (secondary side)
Winding	: Copper
Type	: E-I Core
Digital Meters Used (2Nos.)	
Technology Used	: Microcontroller based
Voltmeter	: 2Nos
Ammeter	: 2Nos
Protection Devices	
MCB (TPN)	: 6A
Glass Fuse	: 5A
Grounding Nut	: Available at the rear side of the panel

Experiments Can be performed:

- Study of Positive Sequence impedance of Three Phase Transformer
- Study of Negative Sequence impedance of Three Phase Transformer
- Study of Zero Sequence impedance of Three Phase Transformer

Supporting Accessories supplied with Product

- Patch Cords of different color scheme
- Single/Three Phase Mains Cord
- Extra Glass Fuses
- Operating Manual (softcopy)
- 6A, Three Phase Closed Type Autotransformer **(Optional)**

****Please feel free to share your queries or requirements by filling your details in ask query section or request a Quote section on the website, we will be happy to cater your requirement.**