



Parallel Operation of Two Single Phase Transformer

Nvis 7012



Nvis 7012 Parallel Operation of Two Single Phase Transformer has been exclusively designed to demonstrate the fundamental concepts of parallel connections of two or more single phase transformers. One can load the transformer more than the rating of the individual transformer to analyze Parallel operation phenomenon. Students can learn about the significance of connecting the two transformers in parallel and its effect on the system. Additionally, one can also learn the polarity in the transformers.

The training system helps to get fully acquainted with the functioning of a single phase transformer. The varied scope of learning makes the subject easy and interesting.

Features

- Two Identical Single Phase Transformer
- Facility to use Fixed and Variable Load
- Control board consist of high grade FRP material to provide utmost safety to the users
- Equipped with supply indication lamp
- Designed by considering all the safety standards
- Diagrammatic representation for the ease of connections
- Exclusive and Compact Design
- Online Product Tutorial

Scope of Learning

- Study of polarity test under two single phase transformers
- Study of parallel operation of two single phase transformers with equal voltage ratio
- Study of parallel operation of two single phase transformers with unequal voltage ratio

Technical Specifications

Mains supply : Single Phase, 230V \pm 10%, 50Hz

Single Phase Transformer (2 nos.)

Rating : 1kVA
Primary Voltage : 0-230V
Secondary Voltage : 0-200-230V
Rated Current : 4A

Digital Meters Used

AC Voltmeter : 450V (2 nos.)
AC Ammeter : 10A (2 nos.)

MCB (SP) : 10A

Optional

Resistive Load "Nvis 726" / "Nvis 7067"

Designed & Manufactured in India by

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