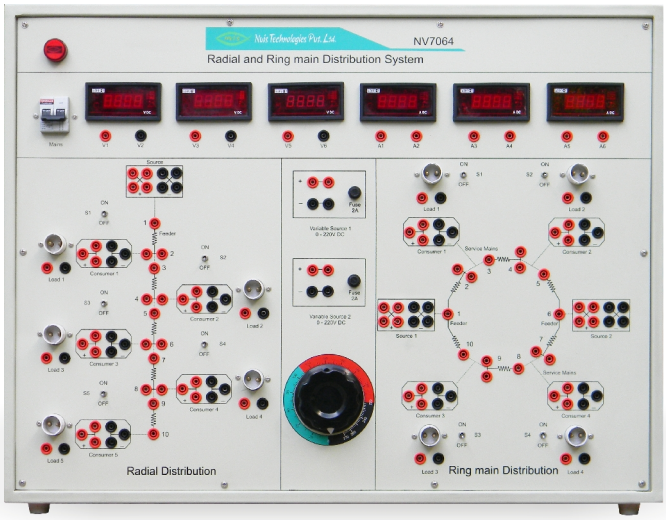
Radial and Ring Main Distribution System

Nvis 7064



Nvis 7064 Radial and Ring Main Distribution System is specially designed to illustrate the working phenomenon of Distribution System configured as Radial and Ring Main Distribution System. Distribution System is the part of electric power system which connects the high voltage transmission networks to the low voltage consumer service points. Distribution Systems should be designed in a way that Voltage variation at consumer terminals must be maintained with in ±5%.

Nvis 7064 provides complete learning content to develop Ring and Radial Distribution System manually. The Voltage regulation is studied by performing experiments and comparison. It includes inbuilt DC Variable Supply with adequate protections, precise digital meters are used along with separate sections for Radial and Ring Main Distribution System so that students can understand the significance of these systems in a proper sequence.

Features

- **Inbuilt DC Variable Supply**
- **Digital Panel Meters**
- **Separate sections for Ring Main and Radial Distribution System**
- **Facility to configure balanced and unbalanced network**
- **Equipped with Supply Indication Lamp**
- **Designed by considering all the safety standards**
- **Exclusive and Attractive design**
- **Equipped with bulb holders to use load**
- **Diagrammatic representation for the ease of connections**
- **Online product tutorial**

Scope of Learning

- Study of Radial Distribution network
- Study of Ring Main Distribution network

Technical Specifications

Mains Supply	:	230V ±10%V AC, 50Hz
Inbuilt Isolated DC Output Supply		
Rated Voltage	:	0 - 220V ±10% (Variable)
Rated Current	:	2A
Transformer		
Rating	:	0.5kVA
Primary Voltage	:	230V
Secondary Voltage	:	150V
Variac		
Input	:	230V
Output	:	0-270V
Current	:	2A
Digital DC Voltmeter (3 Nos.)		
Range	:	20-500V
Display Resolution	:	1V
Digital DC Ammeter (3 Nos.)		
Range	:	0-5A
Display Resolution	:	0.01A
MCB	:	2A (SPN)
Dimensions (mm)	:	W 824 x D 350 x H 624
Weight	:	42kg. (approximate)

Subject to change - Version 2.0

Designed & Manufactured in India by

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