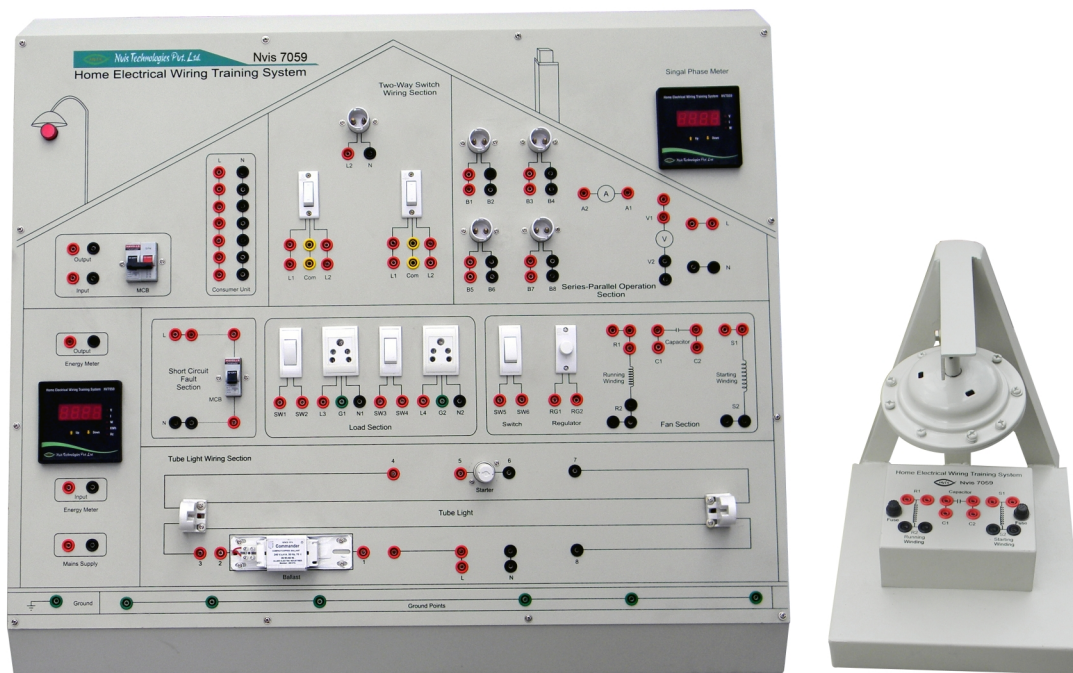




Home Electrical Wiring Training System

Nvis 7059



Home Electrical Wiring Training System is a product which is helpful for students to get familiar with home wiring circuits. This product provides a realistic training environment which is essential for every electrical engineering student and also for apprentice electrician.

It consists of Single Phase Energy Meter, MCB, Controlling Switches, Tube Light with Choke, Regulated Switch, Ceiling Fan, etc. Good quality safe terminals and sockets are provided at appropriate places on board for power supply and load connections.

Features

- Equipped with Multifunction meters with kWh display
- Complete practical learning for wiring in Houses
- Test points are provided to measure voltage at different points
- Provided with house hold appliances like fan
- Designed by considering all the Safety Standards
- Diagrammatic representation for the ease of connections

Scope of Learning

- To study the connection /measurement of
 - Energy Meter and Consumer Unit
 - Voltage
 - Current
 - MCB wiring
 - Tube Light wiring
 - Two-Way Switch wiring
 - Short Circuit Fault
 - Switchboard
 - Ceiling Fan
 - Series-Parallel Operation on load



Ceiling Fan Unit

Technical Specifications

Mains Supply : 230V AC $\pm 10\%$, 50Hz

Energy Meter Specifications

Meter Constant : 1600 impulses /kWh

Display Counter : 100 impulses /kWh

Single Phase MCB : 6A

Load specifications

Tube Light : 20W, 220-240V

Ceiling Fan : 50W, 220-240V

Maximum Load Current : 4A

Dimensions (mm) : W 900 x D 450 x H 670 (panel)
W 250 x D 285 x H 340 (motor)

Weight

Panel : 26kg (approximate)

Motor : 5kg (approximate)

Designed & Manufactured in India by

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