

Product Name :
Three Phase Transmission Line Trainer

Product Code :
NLAB-ELECTRICALAB370002



Description :

Three Phase Transmission Line Trainer (With Fault Simulator And Protection System)

Technical Specification :

SCOPE OF LEARNING:

Study of Three Phase Transmission Lines With Fault Simulator and Protection System

TECHNICAL SPECIFICATIONS:

Power Supplies:

AC Power Supply 0-415V AT 4A (Optional)

Operated on Mains power 415V, 50Hz +10%

Digital/Analog Meters and Relays:

Voltmeter 2 Nos.

Ammeter 2Nos.

Wattmeter 2Nos.

Power Factor Meter

Voltage Monitoring Relay

Over Load Relay

4A Variac (3 Phase)

Transmission Lines 400Km (Through Resistor-Capacitor and Inductors)

Three Different types Fault Simulations.

Components are mounted on the panels are:

Three Phase Lamp Load Switch Control (Star Connected)

Single Phase Lamp Load Switch Control

Three Phase Capacitive Load Switch Control (0.5A, 1.0A, 1.5A)

Three Phase Inductive Load Switch Control (0.5A, 1.0A, 1.5A)

SALIENT FEATURES:

Front panel built with high class insulated Bakelite sheet with Sticker well printed circuits and symbols.

Instruction manual.

Patch Cords 4mm (Heavy Duty) 1Meter Length.

High Voltage Test Points are Provided With 4mm Safety Sockets

The trainer is housed in Metal cabinet.

Short Circuit protection with the MCB.

Protection With Emergency Stop.

Size of the trainer set 42"x24"

Naugralabequipments

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