



Salient Features:

- Facilitates Characteristics Of Idmt/Dmtover Current Relay.
- Each Of Above Trainer Has Built In Requisite Relay Testing Kit Typically Consisting Of Voltage Injector, Current Injector, Elapsed Time Counter (1 Msec Resolution), Trip Relay Logic Etc.
- The Trainer Need A Few Set Of Associated Relay Testing (current / Voltage Injection Etc.) Panels (7-8 Nos. Typically) Which Are Mounted In A Light Weight Sturdy Aluminum Profile Flat Demo Panel System. Do Not Need Any Separate Testing Kit.
- Facilitates Easy And Safe Wiring By Students Due To Use Of 4mm Sturdy Shrouded Banana Patch Cords And Shrouded Socket Arrange-Ments For High Voltage Circuits
- Each Panel Has Abs Molded Plastic Sturdy Enclosure, And Colorful Screwless Overlays Showing Circuits Diagrams & Its Connection Tag Numbers For Easy Understanding And Connection
- Useful For Post Graduate Projects And Research Purpose.
- Set Of Instructor Guide & Student Workbook

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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Technical Specifications:

- 1 Phase Ac Input Supply Panel (Emt16a)
- 1ph. Mcbs Of 4 A/1.6 A - 2nos.
- Bulb Load.
- Variable Voltage & Current Injector Panel (EMT23A)
- Consist Of 1 Phase Dimmer 230 Vac/1 A
- Short Circuit Transformer With Primary 230 Vac/1 A, Secondary 0-2-8v/12 A Taps.
- Over Current & Elapsed Time Measurement Panel (EMT 39)
- Consists Of Ac Ammeter Of 20 A
- Elapsed Time Counter Range 999.001 Sec, Resolution 1msec.
- Over Current Relay Panel (EMT45/EMT50)
- All The Connection Of Relay Are Brought Out On This Panel.
- 2 No Trip Contacts.
- Relay Coil

Protection Relay Type (EM/Static /Num)

Numerical Idmt Over Current Relay, Current Rating 5a, With Different Current Settings & Time Setting 0.1 To 1.

List Of Experiments:

- To Plot Inverse Definite Minimum Time (IDMT) Characteristics Of Over Current Relay.
- To Perform Experiment On Definite / Instantaneous Mode Setting Of The Relay.
- Optional Relays
 - Electromechanical Non Directional Idmt Over Current Relay
 - Electro Mechanical Directional Idmt Over Current Relay
 - Combined Over Current And Earth Fault Numerical Relay
 - Directional Inverse Time Over Current Static Relay
 - Neutral Displacement (Earth Fault Warning) Relay

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