



Order Code - 46640 IDMT Over Current & Earth Fault Relay Testing Kit is a rugged training system for the Electrical laboratories mounted on Aluminum profile rack with sturdy table top flat panel. Each panel has ABS molded plastic sturdy enclosure with 4mm shrouded connectors showing circuit diagram & its connection tag numbers for easy understanding and connections. The product helps you to get fully acquainted with the basic concepts and functioning of an DMT Over Current & Earth Fault Relay Testing Kit.

#### **SPECIFICATIONS**

- 1 phase AC Input supply panel
  - 1ph. MCBs of 4A/1.6A - 2nos.
  - Bulb Load.
- Variable voltage & current injector panel
  - Consist of 1 phase dimmer 230VAC/1A
  - Short circuit transformer with primary 230VAC/1A, secondary 0-2-8V/12A taps.
- Over current & elapsed time measurement panel
  - Consists of AC ammeter of 20A
  - Elapsed time counter range 999.001 sec, resolution 1 msec.
- Over Current Relay Panel
  - All the connection of relay are brought out on this panel.
  - 2 NO trip contacts.
  - Relay Coil
- Protection relay type (Numerical)
  - IDMT over current with Earth Fault Numerical Relay, current rating 5A, with current setting

#### **EXPERIMENT LIST**

- To perform experiment on IDMT over current protection.
- To perform experiment on earth fault protection

Note: Specifications are subject to change.

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