



**Key features :**

- Pick up test for differential relay.
- Transformer protection for in zone trips faults.
- Transformer out zone or non trip faults.
- Use of Three Phase Transformer

**TECHNICAL SPECIFICATIONS**

**Power Supplies:**

- Operated on Mains power 415V, 50Hz  $\pm 10\%$
- Current Source: 440V/24V/20A 3Nos.
- Auxiliary Supply for Relay: +24V DC, 10A

**THREE PHASE POWER SUPPLY MODULE (415V,50Hz)**

- MCB
- Emergency Stop
- R-Y-B Indicator

**DIGITAL METER MODULE (FOR AC)**

- Digital Ammeter AC 6Nos.
- Digital Timer

**TRIPPING INDICATION MODULE**

- Lamp Holder 230V (2Units)
- Indication Lamp
- Control Switch.

**CURRENT TRANSFORMER MODULE**

- Current Transformer (3Units)

**DIFFERENTIAL PROTECTION RELAY MODULE**

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



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- Numerical type Differential Protection Relay: Numerical type High speed biased differential relay, current rating 1A, with biased setting of 15%, 30% and 45% by plug board taps, Aux. supply 110VDC
- RS232 PORT FOR PC COMMUNICATION, RELAY SETTING WITH SOFTWARE ON CD, RS232 TO USB CONVERTER FOR USB INTERFACE
- Buzzer/Indicator

### **3PHASE CURRENT SOURCE MODULE**

- Circuit for Differential Protection Relay

### **SALIENT FEATURES:**

- Front panel built with high class insulated Printed Circuit Breaker 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 Modular Based Rack Type Aluminum Extruded Metal cabinet.



### **TECHNICAL SPECIFICATIONS**

#### **Power Supplies:**

- AC Power Supply 440/220V AT 3KVA
- Operated on Mains power 415, 50Hz  $\pm 10\%$

#### **SALIENT FEATURES:**

- Rating 1KVA per Phase
- Transformer ratio is Step down 2:1.
- 440V with Tapping at 0%, 0%, 86.6% and 100%.
- High insulation copper winding.
- Transformer rating is available up to 1-10KVA.
- Front panel built with high class insulated Bakelite sheet with Sticker well printed.
- Instruction manual.
- High Voltage Test Points are Provided With 4mm Safety Sockets/BTI-15 Terminals
- The trainer is housed in Metal cabinet.
- Short Circuit protection with the Fuse.
- Size of the trainer set 18"x12"

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