

Order Code : 20213559.2

Name : Distribution protection trainers kit



House Wiring Commercial Wiring

Installation Trainer 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 a House Wiring Commercial Wiring Installation Trainer

Specifications

- Trainer having control panel should provided in 40X40mm Aluminum profile rack with sturdy table top flat panel.
- It has 12 no's of ABS plastic panel mounted on the aluminum rack with mimic diagram & one ACP panel.
- All input & output are terminated in 4mm shrouded connector, Should provide 4mm banana cable for experiments.
- 3ph DOL starter 4pole MCB, contractor & relay panel
 - 4 pole MCB of 415 V/4A.
 - DOL 9A Contactor with 230V / 50 Hz / 11VA COIL
 - Bimetallic thermal O/L relay with range 1.4A - 2.3A
 - R-Y-B Input display Indicators.
 - Manual start / stop with local trip contact
- 3 ph multifunction meter panel
 - Bidirectional Multifunction
 - 3 Phase $\frac{3}{4}$ wire, 415V, CT Input 5A
 - LCD/LED display, Aux supply 230V, 45-65 Hz, 5W
 - V, A, Hz, Pf, KVA, KW, KWH
 - Modbus RTU RS485 connections

- Circuit Breaker panel
 - 1 Pole MCB 16A (3Nos)
 - 1 Pole ELCB 16A / 30mA residual current (2 Nos)
- Switch panel-1
 - 2way 3terminal Switch, 10A (2 Nos)
- Switch panel-2.
 - Push Button, 1N.O 1N.C (6 Nos)
- Switch panel-3.
 - Double Push Button, 1N.O 1N.C (1 No)
- 1 Phase Socket panel
 - 1 Phase Socket, 16A, 1 gang (2 Nos)
- Lamp Holder panel.
 - 1 Phase 15W Lamp Holder (5 Nos)
- Impulse relay panel.
 - 1 Phase 16A Impulse relay (1 No)
 - 1 Phase 16A Impulse relay central control (1 No)
- Timer & AC/DC supply Panel.
 - 1 number of 24V DC Timer
 - Support 2 NO & 2 NC contacts
 - 24 DC supply output
- 3 Phase Contractor Panel.
 - 9A Contractor with 230V/50Hz with 3 Nos of NO contact.
 - 2 NO & 2 NC contact output

Accessories:

- Set of Shrouded Cables
- Set of Manuals with Experiments.
- Demo CD showing Experiments

Optional Accessories:

- Hand Held Tachometer....1 No
- Working Table (KWT-01)....1 No
- Multimeter ... 1 No
- Tool Kit... 1 No

List of Experiments

1. To set up a distribution switchboard
2. To study and wire components in the 1 to 2-room housing kit:
 - 1-pole and 2-pole one-way switches, two-way switches, power socket
 - series/parallel connections
 - Wiring new technology combining the traditional wiring methods
3. Study of DOL starter, Contactor
4. Study of relay & switches
5. Study of Timers

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

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