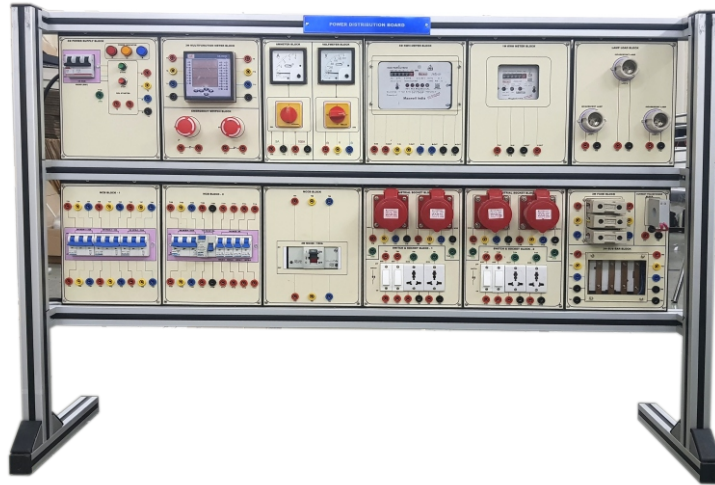


KEE-03

POWER DISTRIBUTION TRAINER



KEE-03 Power Distribution 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 an Power Distribution Trainer.

Specifications

- Trainer having control panel should provided in 40X40mm Aluminum profile rack with sturdy table top flat panel.
- Should have 12 no's of ABS plastic panel mounted on the aluminum rack with mimic diagram
- All input & output are terminated in 4mm shrouded connector, Should provide 4mm banana cable for experiments.
- Should have 3phase 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
- Should have 3 phase 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
- Should have Circuit Breaker panel-1
 - 1 Pole MCB 16A
 - 3 Pole MCB 32A
 - ELCB 3 phase
- Should have Switch Panel.
 - Surface Mount 3 Pin Socket
 - Surface Mount 5 Pin Socket
 - Surface Mount 2 way 2 terminal Switch.(2nos)
- Should have Bus Bar Panel.
 - 5 copper bus bar 0.25 inch x inch

- Should have Fuse Panel.
 - 3 numbers of protective Fuse
- Should have Industrial Socket Panel.
 - 1 Phase 3 terminal Socket, 16A
 - 3 Phase 5 terminals Socket, 16A
- Should have Analog Meter Panel.
 - 0-500V AC Voltmeter
 - 0-5AAmmeter
- Should have Circuit Breaker panel-2.
 - 3 Phase MCCB panel
 - 415VAC, 50Hz , 100ANFB
- Should have KWH Meter Panel-1.
 - 1 Phase KWH meter.
- Should have KWH Meter Panel-1.
 - 3 Phase KWH meter.
- Should have Lamp Load panel.
 - 230V 3 numbers of 100w bulb with socket as a Load.
 - On/OFF toggle should be provided for each bulb socket.

Experiment List

- Study of components in electrical system & their operation.
- Study of contact logics with trip indication.
- Study of DOL starter, Contractor.
- Study of Earth Leakage

Note : Specifications can be altered without notice in our constant efforts for improvement.