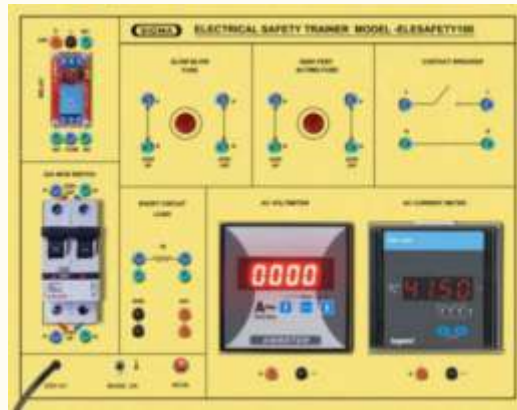




ELECTRICAL SAFETY TRAINER MODEL-ELESAFETY100

This trainer has been designed with a view to provide practical and experimental knowledge of safety parameters in Electrical and Electronics fields.



SPECIFICATIONS

1. Features

1. Demonstration of importance of Earthing in any electrical device.
2. To study role of fuse and types of slow blow, high blow fuse in any electronic circuit.
3. Arrangement to study the importance of MCB and it's working.

2. Hardware

Following Parts and Modules are assembled on Single PCB of size - 18 Inch x 15 Inch

1. Slow Blow Fuse
2. High Blow Fuse
3. Contact Breaker
4. 24V DC Relay
5. Short Circuit Load
6. 32A MCB
7. Digital LCD AC Voltmeter : 0-400V AC
8. Digital LCD Ammeter : 0-50A AC

Accessories

1. Jumper wires : 20 Nos.
2. Printed Practical Manual : 1 No.

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Dealer:-

3. Cabinet and PCB

The complete circuit diagram is screen printed on component side of the PCB with circuit and Parts at the same place. The PCB with components on front side is fitted in elegant wooden box having lock and key arrangement. The acrylic cover is fitted on PCB to safeguard parts. It works on 230 V AC Supply.

EXPERIMENTS

1. To understand theory and working of Slow Blow Fuse
2. To understand theory and working of High Blow Fuse
3. To understand theory and working of Contact Breaker
4. To understand theory and working of 24V DC Relay
5. To understand theory and working of Short Circuit Load
6. To understand theory and working of 32A MCB
7. To understand Earthing in any electrical device
8. To implement working of Slow Blow Fuse
9. To implement working of High Blow Fuse
10. To implement working of Contact Breaker
11. To implement of 24V DC Relay
12. To use Short Circuit Load to make short circuit
13. To implement working of 32A MCB
14. To demonstrate Earthing in any electrical device