



VERITAS Engineering

Catalog
Of

Switchgear & Protection Trainer

Brand: VERITAS

Model: VSPT-001



Features

The system should have following features:

1. To show in connecting cutout, MCB in a circuit.
2. To test rating of circuit breaker (10Amps).
3. To demonstrate poly phase system and phase sequence.
4. To show skill in connecting phase fault relay.
5. To show skill in overvoltage test.
6. To show skill in under voltage test.
7. To perform star-delta conversion in a power system.
8. To measure the energy of a three phase circuit by three phase energy meter.
9. To start a 3-phase induction motor by star-delta starter using magnetic conductor switch.
10. To start a 3-phase induction motor by auto star-delta starter using timer & magnetic conductor switch.



Technical Specification

Power Supply:

Rated Input Voltage: 380 V AC Three Phase 4-wire

Rated Output Voltage: 380 V AC Three Phase 4-wire

Control Board:

Three Phase Energy Meter: 1 EA

BAS Bar: 4EA

Circuit Breaker: 3EA (10Amp)

Cartridge Fuse: 3EA (10Amp)

HRC Fuse: 3EA (16Amp)

Thermal Overload Relay: 1 EA

Phase fault Relay: 1EA

Digital Timer: 2EA

Magnetic Contractor: 3EA

Selector Switch: 2 EA

Relay: 2 EA

Others Device:

4mm safety jack Connection facility

Short Circuit Protection Facility

1 Phase AC Load Connection Facility (Power Socket)

Size: 5 Feet x 1.5 Feet x 2.5 Feet (Length x Width x Height)

Accessories:

- 1 Training Manual
- 4mm safety banana Plug – 1 Set
- Three Phase Induction Motor, 2HP (Star-Delta) – 1 pcs
- 3 Phase Variac – 1 Pcs