

Power Protection System and Relay Protection

Category: Electrical Engineering · Model reference: MZM-4006



SPECIFICATIONS

Product overview:

power system integrated automation training system is the power control automation, power dispatching automation, distribution automation including integrated system. Composed of power training platform, substation training platform, distribution platform, remote scheduling with the background monitoring software constitute a relatively complete model of power system. The system can finish specific experiment as a complete system for experiment for each training content

Experiment system networking experiment project

1. System parallel experiment
2. Generator protection experiment
3. Circuit power switch operation experiment
4. Transmission protection experiment
5. Circuit protection experiment
6. Motor protection experiment
7. Distribution protection experiment
8. Remote measuring
9. Remote communication
10. Remote control
11. Overcorrect protection
12. Under/Overvoltage protection.
13. Motor protection
14. Transformer protection
15. Earth Fault protection.
16. Characteristics study.
17. Simulation for power system fault.

TECHNICAL SPECIFICATION :

The trainer consists of the following:

1. Line protection relay.
2. Directional earth fault protection relay.
3. Transformer differential protective relay.
4. Motor protective relay
5. Signal relay.
6. Auxiliary relay.
7. Instantaneous relay.

8. Over and under voltage relay.
9. Instantaneous low current relay.
10. Instantaneous high current relay.
11. Digital stop clock

PANEL MODULE

- 1x Three-phase over-current and short-circuit relay,
- 1x Single-phase under-current and over-current relay,
- 1x Three-phase under-voltage and over-voltage relay,
- 1x Single-phase over-voltage and under-voltage relay,
- 1x Under-frequency and over-frequency relay,
- 1x Definite time current relay, 5 A 400 V,
- 3x Wound-primary current transformers 10 / 5 A
- 1x Current step-up transformer 5 + 5 + 5/5 A,
- Aluminum box section mounting frame for relay modules
- Variable single and three-phase variable voltage
- 2x Auto-ranging digital multimeters
- 1x Desktop 3x 500 W, 3x 50, three-phase rheostat
- Auxiliary relay
- Signal Protecting relay
- Ct Ratio Coil

- 1 X digital Volt and Ammeter

1 X MCCB Breaker Tripper

INCLUDED ACCESSORIES

- Educational Student Guide with Experiments
- Set of 40 4 mm safety connection cables
- Modular mounting frame
- Variable single and three-phase 0-430 Vac / 2x Digital auto-ranging multimeters
- Three-phase rheostat

Send Enquiry **Your Name**

Your Email

Tele Phone

