



Numerical Over Current Relay Testing System

Nvis 8013

Numerical Over Current Relay Testing System is a useful platform for Electrical Power System Laboratory. Over Current Relay monitors general balanced overloading and have current/time settings which helps user to understand the different characteristic of over current relay. These settings determine the protective schemes.

The relay is IDMT type which has different tripping time characteristics with different current conditions. It includes built-in variable supply, digital voltmeter, ammeter, and timer. The timer operation is automatic when current is applied to relay. This automatic operation ensures accurate tripping time measurement.

Technical specifications

- Numerical over current relay.
- Panel size 2ft (height) x 4 ft (width) x 200mm (depth).
- MCB and fuse protection provided.
- BS-10 & BTI – 30 terminals for connections.
- 1 Phase auto transformer 8 Amp – 1no.
- Current injecting transformer 25 Amp – 1no.
- Current controlling choke 25 Amp – 1no.
- Standard class 1 CT 30/5 Amp – 1no.
- Metering: 30 Amps digital meter reading through CT ratio of 30/5 Amp.
- Stopwatch to measure IDMT panel mounting.
- 4 pole contactor 16 Amp with push to ON and push to OFF contacts.