



THE LAB EQUIPMENT

Email : [sales@thelabequipment.com](mailto:sales@thelabequipment.com)

Phone: +91-8759245890

**Product Name :**

Directional/Non-Directional Overcurrent  
Relay

**Product Code :**

SLE/EPS/13





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## Description :

- The relay is housed in a robust enclosure with carrying handle.
- The module mounts on the desk area of the Protection and Relay Test Set, and connects to it using a multi-core cable and safety leads.
- The lecturer or student sets up different fault circuits on the Protection and Relay Test Set.
- They then use the keypad and display on the relay module to program it to the settings needed for the tests.
- They can also use the Micom S1 software and a suitable computer to program the relay module.
- The relay module is then connected to the fault circuits so tests can be performed.
- Most tests are performed using single relays.

### The main functions of the Directional/Non-Directional Overcurrent Relay include:

- Three independent stages of directional/non-directional phase overcurrent.
- The first stage may be set to any of 12 IDMT curves, the remaining two having a direct time characteristic.
- Thermal overload protection.
- Undercurrent.
- Undervoltage.
- Overvoltage.
- Negative phase sequence overcurrent.
- Directional/non-directional earth fault.
- Selectable blocking.
- Creating fault and disturbance records.

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