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Product Name :

Directional/Non-Directional Overcurrent Relay

Product Code :

SLE/EPS/13



Description :

Directional/Non-Directional Overcurrent Relay (Product Code: SLE/EPS/13) is a programmable protection relay module, part of our engineering lab equipment in India, used to teach overcurrent and earth fault protection, including IDMT time characteristics, in power system protection laboratories. It offers three independent overcurrent stages — the first selectable from 12 IDMT curves — plus voltage, undercurrent, thermal and negative phase sequence functions. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, a lab instruments supplier in India for engineering institutes.

Specifications

Parameter	Detail
Overcurrent stages	Three independent stages of directional/non-directional phase overcurrent
Stage characteristics	First stage: any of 12 IDMT curves; remaining two stages: direct time characteristic
Earth fault	Directional/non-directional earth fault
Voltage and current functions	Undercurrent, undervoltage and overvoltage
Other protection	Thermal overload protection; negative phase sequence overcurrent
Blocking	Selectable blocking
Records	Creates fault and disturbance records
Enclosure	Robust enclosure with carrying handle
Mounting and connection	Mounts on the desk area of the Protection and Relay Test Set; connects by multi-core cable and safety leads
Programming	Keypad and display on the module, or relay setting software on a suitable computer
Panel	Enclosed, mains-protected bench panel
Inputs/outputs	Isolated test inputs, fused outputs
Features	CT shorting facilities, labelled terminals
Relay	Numerical; directional/non-directional overcurrent functions
Software	Configuration software
Includes	Experiment manual
Product code	SLE/EPS/13
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

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