

# UNIT – V

## PROTECTION & CO-ORDINATION

SATHYANARAYANA P  
EEE

### UNIT-5 PROTECTION & CO-ORDINATION

- Objectives of Distribution System Protection
- Types of Common Faults
- Procedure For Fault Calculations
- Protective Devices: Principle of Operation of Fuses
- Circuit Reclosures
- Line Sectionalizes
- Circuit Breakers
- Coordination of Protective Devices: General Coordination Procedure.

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#### 10.1 BASIC DEFINITIONS

*Switch:* A device for making, breaking, or changing the connection in an electric current.

*Disconnect switch:* A switch designed to disconnect power devices at no-load conditions.

*Load-break switch:* A switch designed to interrupt load currents but not (greater) fault currents.

*Circuit breaker:* A switch designed to interrupt fault currents.

# Distribution System Protection Guide

**Didier Musso**



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