

(PREVIEW)

Indian Standard

APPLICATION FOR ELECTRICAL RELAYS FOR ac SYSTEMS

PART I OVERCURRENT RELAYS FOR FEEDERS AND TRANSFORMERS

1. SCOPE

1.1 This guide deals with the application of overcurrent relays for ac systems, covered by IS : 3231-1965* for feeders and transformers. It covers both directional and non-directional overcurrent relays and their application for phase faults, earth faults, restricted earth faults and core-balance earth-fault protection. It also covers time-current characteristics and considerations for the setting and co-ordination of overcurrent (non-directional) relays.

1.2 This guide does not cover:

- a) the principles of system design and system protection,
- b) direct acting overcurrent devices, and
- c) static relays

*Electrotechnical vocabulary: Part IX Electrical relays.