

(PREVIEW)

## *Indian Standard*

# INSULATION COORDINATION FOR EQUIPMENT WITHIN LOW-VOLTAGE SYSTEM

## PART 4 CONSIDERATIONS OF HIGH-FREQUENCY VOLTAGES STRESS

### 1 Scope

This report deals with insulation subjected to high-frequency voltage stress within equipment. Steady-state voltages with frequencies up to 100 MHz are considered.

**NOTE – High-frequency stress due to transient voltages is not considered.**

### 2 Reference documents

IEC 60112:1979, Method for determining the comparative and the proof tracking indices of solid insulating materials under moist conditions

IEC 60664-1:1992, insulation coordination for equipment within low-voltage systems - Part 1: Principles, requirements and tests