

(PREVIEW)

Indian Standard

INSULATION COORDINATION FOR EQUIPMENT WITHIN LOW-VOLTAGE SYSTEM

PART 2 APPLICATION GUIDE

Section 1 Dimensioning Procedure Worksheets and Dimensioning Examples

1 Scope

This technical report is intended as a guide for technical committees specifying dimensioning requirements for products in accordance with IEC 60664-1.

The significant items for consideration are as follows

- a) nominal system voltage(s) or rated insulation voltage(s);
- b) overvoltage category of the products;
- c) pollution degree.

A diagram for dimensioning of clearances and creepage distances for low-voltage equipment (up to 2000 m) is shown in figure 1.

All references given below are to IEC 60664-1.