

(PREVIEW)

*Indian Standard*

**GENERAL REQUIREMENTS FOR ENCLOSURES FOR  
ACCESSORIES FOR HOUSEHOLD AND SIMILAR  
FIXED ELECTRICAL INSTALLATIONS —  
SPECIFICATION**

**1 SCOPE**

This standard applies to enclosures or parts of enclosures or parts for accessories with a rated voltage not exceeding 440 V intended for household or similar fixed electrical installations, either indoors or outdoors.

This standard may be used as a guide for enclosures having a rated voltage up to 1 100 V.

Enclosures complying with this standard are suitable for use, after installation, at ambient temperatures not normally exceeding 35°C but occasionally reaching 45°C.

For the purpose of this standard the enclosures include surface, flush and semi-flush mounting boxes provided for electrical accessories, where the cover, or cover plate may or may not be part of the accessory. This standard does not apply to enclosures for assemblies containing over current protective devices, nor to enclosures of the bus bar trunking type.

This standard also applies to boxes intended for the mounting or suspension of luminaires.

This standard is intended to apply to enclosures for electrical accessories but is also intended to serve as a reference document for other Indian Standards.

An enclosure which is an integral part of an electrical accessory and provides protection for that accessory against external influences (for example mechanical impact, ingress of solid objects or water, etc) is covered by the relevant standard for such an accessory.

**2 REFERENCES**

**2.1** Following Indian Standards are necessary adjuncts to this standard:

<i>IS/IEC No.</i>	<i>Title</i>
1586 : 1988	Method of Rockwell Hardness test for metallic materials (scales A-B-C- D-E-F-G-H-K) (second revision)
2500 (Part 1) : 1992	Sampling inspection procedures : Part 1 Attribute sampling plans indexed by acceptable quality level (AQL) for lot-by-lot inspection ( <i>second revision</i> )
2824 : 1975	Method for determining the comparative tracking index of solid insulating material under moist condition (first revision)

<i>IS/IEC No.</i>	<i>Title</i>
11000 (Part 2/Sec 1) : 1984	Fire hazard testing: Part 2 Test method, Section 1 Glow wire test and guidance
12063 : 1987	Classification of degree of protection provided by enclosures of electrical equipment
13588 : 1993/ IEC 817:1984	Spring operated impact test apparatus and calibration
14763 : 2000	Conduits for electrical purposes, inside diameters of conduits for electrical installations and thread for conduits and fittings