

(PREVIEW)

Indian Standard

APPLIANCE COUPLERS FOR HOUSEHOLD AND SIMILAR GENERAL PURPOSES

PART 2-2 INTERCONNECTION COUPLERS FOR HOUSEHOLD AND SIMILAR EQUIPMENT

1 Scope

This clause of IEC 60320-1 is replaced as follows:

This standard is applicable to two-pole interconnection couplers for a.c. only, with and without earthing contact, with a rated voltage not exceeding 250 V and a rated current not exceeding 16 A, for household and similar appliances and equipment and intended for the interconnection of the electrical supply to electrical appliances or equipment for 50 Hz or 60 Hz supply.

Appliance outlets Integrated In or incorporated in appliances or other equipment are within the scope of this standard. The dimensional and general requirements of this standard apply to such outlets, but certain tests may not be relevant.

The requirements for plug connectors are based on the assumption that the temperature of the socket contacts of the corresponding appliance outlets does not exceed 65 ° C (cold conditions).

Interconnection couplers complying with this standard are suitable for use at ambient temperatures not normally exceeding 25 ° C, but occasionally reaching 35 ° C.

Interconnection couplers complying with the standard sheets in this standard are intended for the interconnection of appliances or equipment having no special protection against moisture; for the interconnection of other appliances or equipment and of an appliance or equipment which is subject to spillage of liquid in normal use, additional requirements are necessary.

Special constructions may be required

- In locations where special conditions prevail as, for example, in ships, vehicles and the like;
- In hazardous locations, for example, where explosions are liable to occur.

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 60320. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this part of IEC 60320 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 60083:1997, *Plugs and socket-outlets for domestic and similar general use standardized in member countries of IEC*

IEC 60320-1:1994, *Appliance couplers for household and similar general purposes – Part 1: General requirements*

IEC 60536:1976, *Classification of electrical and electronic equipment with regard to protection against electric shock*

IEC 60906 (all parts), *IEC system of plugs and socket-outlets for household and similar purposes*

ISO 1101 ,— *Geometrical Product Specifications (GPS) – Geometrical tolerancing – Generalities, definitions, symbols, indication on drawings*¹⁾