

Electrical equipment of non-electric appliances for household and similar purposes — Safety requirements

The European Standard EN 50165:1997, with the incorporation of amendment A1:2001, has the status of a British Standard

ICS 97.040.20; 97.100

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee CPL/72, Electrical control devices for household equipment and appliances, upon which the following bodies were represented:

- Association of Control Manufacturers (TACMA BEAMA Ltd.)
- Association of Manufacturers of Domestic Electrical Appliances
- British Combustion Equipment Manufacturers Association
- British Electrotechnical Approvals Board
- British Refrigeration Association
- BSI Testing Services
- Consumer Policy Committee of BSI
- Department of the Environment (Building Research Establishment)
- Department of Trade and Industry (Consumer Safety Unit, CA Division)
- Electricity Association
- ERA Technology Ltd.
- Society of British Gas Industries

This British Standard, having been prepared under the direction of the Electrotechnical Sector Board, was published under the authority of the Standards Board and comes into effect on 15 August 1997

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National foreword

This British Standard has been prepared by Technical Committee CPL/72, and is the English language version of EN 50165:1997, including amendment A1:2001, published by the European Committee for Electrotechnical Standardization (CENELEC).

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A1** **A1**. Tags indicating changes to IEC text carry the number of the IEC amendment. For example, text altered by IEC amendment 1 is indicated by **A1** **A1**.

This British Standard is to be read in conjunction with BS EN 60335-1:1995. The many references to part 1 should be read as references to BS EN 60335-1. Amendments and revisions of part 1 have also to be taken into account and the dates when such changes become applicable will be stated in the relevant amendment or revision of part 1.

Annexes designated “normative” are part of the body of the standard. Annexes designated “informative” are given for information only. National annexes are designated “informative”.

Cross-references

Attention is drawn to the fact that Annex A lists normative references to international publications with their corresponding European publications. The British Standards which implement these international or European publications may be found in the BSI Catalogue under the section entitled “International Standards Correspondence Index”, or using the “Find” facility of the BSI Standards Electronic Catalogue.

Product approval. Attention is drawn to the fact that products conforming to this British Standard may be approved by the British Electrotechnical Approvals Board for the purposes of participation in the CENELEC Certification Agreement and in the CB Scheme of the IECEE. (Details of the BEAB Approval Scheme are given on the inside back cover.)

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Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 17 and a back cover.

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Descriptors: Heaters, electrical equipment, safety requirements, protection against electric shock, fire protection, protection against mechanical hazard

English version

Electrical equipment of non-electric appliances for household and similar purposes — Safety requirements

(including amendment A1:2001)

Équipement électrique des appareils non électriques pour usages domestiques et analogues — Règles de sécurité
(inclut l'amendement A1:2001)

Elektrische Ausrüstung von nicht-elektrischen Geräten für den Hausgebrauch und ähnliche Zwecke Sicherheitsanforderungen
(enthält Änderung A1:2001)

This European Standard was approved by CENELEC on 1997-03-11. Amendment A1 was approved by CENELEC on 2000-08-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B-1050 Brussels

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Foreword

This European Standard was prepared by CENELEC BTTF 60-3, Electrical equipment of non-electric cooking/heating appliances.

The first draft was submitted to the Unique Acceptance Procedure (UAP) in October 1993 but it did not receive sufficient support. The comments were discussed during the Paris meeting of CENELEC Technical Committee TC 61 in November 1994, when it was decided to submit a new draft to the formal vote. This draft was circulated in May 1995 but it was also rejected.

A third draft was submitted to the formal vote in November 1996 and was ratified by CENELEC as EN 50165 on 1997-03-11.

The following dates are applicable:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1998-03-01
- date on which national standards conflicting with the EN have to be withdrawn (dow) 1998-03-01

For products which have complied with the relevant national standard before 1998-03-01, as shown by the manufacturer or by a certification body, these previous standards may continue to apply for production until 2003-03-01.

This standard has to be used in conjunction with EN 60335-1, Safety of household and similar electrical appliances, Part 1: General requirements, which is referred to as part 1. It was established on the basis of the 1994 edition of that standard. Amendments and revisions of part 1 have also to be taken into account and the dates when such changes become applicable will be stated in the relevant amendment or revision of part 1.

This standard, which is regarded as a part 2 of EN 60335, supplements or modifies the corresponding clauses of part 1. When a particular subclause of part 1 is not mentioned in this standard, that subclause applies as far as is reasonable. When this standard states “addition”, “modification” or “replacement”, the relevant text of part 1 is to be adapted accordingly.

Subclauses, tables and figures which are additional to those in part 1 are numbered starting with 101. Annexes which are addition to those in part 1 are lettered AA, BB, etc.

This standard is intended to be used in addition to the standards for non-electric appliances and to any part 2 of EN 60335, if applicable.

There are no special national conditions causing a deviation from this standard other than those listed in Annex ZA of EN 60335-1.

There are no national deviations from this European Standard other than those listed in Annex ZB of EN 60335-1.

NOTE The following print type are used:

- requirements: in roman type;
- test specifications: in italic type;
- notes: in small roman type.

Words in bold in the text are defined in clause 2. When a definition of part 1 concerns an adjective, the adjective and the associated noun are also in bold.

Foreword to amendment A1

This amendment to the European Standard EN 50165:1997 was prepared by the CENELEC BTTF 60-3, Electrical equipment of non-electrical cooking/heating appliances.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A1 to EN 50165:1997 on 2000-08-01.

The following dates are applicable:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2001-08-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2003-08-01

In the case of appliances within the scope of EU Directive 90/396/EEC on the approximation of laws of Member States concerning gas appliances, the applicable requirements given in this standard which relate to hazards of an electrical origin, have relevance.

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