

Safety of household and similar electrical appliances —

Part 2: Particular requirements —

Section 2.50 Commercial electric bains-marie

The European Standard EN 60335-2-50:1997 with the incorporation of amendments A1:1998 and A2:1999 has the status of a British Standard

ICS 97.040.20

National foreword

This British Standard is the English language version of EN 60335-2-50:1997 including amendments A1:1998 and A2:1999. It is identical with IEC 60335-2-50:1995 including amendments 1:1996 and 2:1998. It supersedes BS EN 60335-2-50:1992 which will be withdrawn on 1999-12-01.

The UK participation in its preparation was entrusted by Technical Committee CPL/61, Safety of electrical appliances, to Subcommittee CPL/61/5, Commercial catering equipment, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this subcommittee can be obtained on request to its secretary.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or using the “Find” facility of the BSI Standards Electronic Catalogue.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 14, an inside back cover and a back cover.

The BSI copyright notice displayed in this document indicates when the document was last issued.

Sidelining in this document indicates the most recent changes by amendment.

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English version

Safety of household and similar electrical appliances Part 2: Particular requirements for commercial electric bains-marie

(includes amendments A1:1998 and A2:1999)

(IEC 60335-2-50:1995 + A1:1996 + A2:1998)

Sécurité des appareils
électrodomestiques et analogues
Partie 2: Règles particulières pour les
bains-marie électriques à usage collectif
(inclut les amendements A1:1998 et A2:1999)
(CEI 60335-2-50:1995 + A1:1996 + A2:1998)

Sicherheit elektrischer Geräte für den
Hausgebrauch und ähnliche Zwecke
Teil 2: Besondere Anforderungen für
elektrische Warmhaltegeräte für den
gewerblichen Gebrauch
(enthält Änderungen A1:1998 und A2:1999)
(IEC 60335-2-50:1995 + A1:1996 + A2:1998)

This European Standard was approved by CENELEC on 1997-03-11. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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

Foreword

The proposal to endorse IEC 335-2-50:1995, document CLC/TC 61 (SEC) 1018, was circulated under the enquiry procedure in June 1995. This proposal was discussed during the Copenhagen meeting in May 1996, when it was decided to submit a draft for EN 60335-2-50 to the formal vote.

This draft was circulated in September 1996 and was ratified by CENELEC as EN 60335-2-50 on 1997-03-11.

This European Standard has been prepared by the secretariat of CENELEC Technical Committee TC 61.

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) 1997-12-01
- date on which national standards conflicting with the EN have to be withdrawn (dow) 1999-12-01

For products which have complied with EN 60335-2-50:1991 including its amendment A1:1992 before 1999-12-01, as shown by the manufacturer or by a certification body, these previous standards may continue to apply for production until 2004-12-01.

This standard has to be used in conjunction with EN 60335-1, Safety of household and similar electrical appliances, Part 1: General requirements. 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 part 2 supplements or modifies the corresponding clauses of EN 60335-1, so as to convert it into the European Standard: Safety requirements for commercial electric bains-marie.

Where a particular subclause of part 1 is not mentioned in this part 2, that subclause applies as far as is reasonable. Where this standard states “addition”, “modification” or “replacement”, the relevant text of part 1 is to be adapted accordingly.

Subclauses and figures which are additional to those in part 1 are numbered starting with 101.

There are no special national conditions causing a deviation from this European Standard, other than those listed in Annex ZA to EN 60335-1.

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

NOTE The following print types 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.

Endorsement notice

The text of the International Standard IEC 335-2-50:1995 was approved by CENELEC as an European Standard without any modification.

Foreword to amendment A1

The proposal to endorse amendment 1:1996 to IEC 60335-2-50:1995, document CLC/TC 61 (SEC) 1091, was circulated under the enquiry procedure in November 1996. This proposal was discussed during the Fehraltorf meeting in October 1997, when it was decided to submit a draft for an amendment to EN 60335-2-50 to the formal vote.

This draft was circulated as prAA in March 1998 and was ratified by CENELEC as amendment A1 on 1998-08-01.

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) 1999-07-01
- date on which national standards conflicting with the amendment have to be withdrawn (dow) 2005-10-01

This amendment supplements or modifies the corresponding clause of EN 60335-2-50:1997.

There are no special national conditions causing a deviation from this amendment.

There are no national deviations from this amendment.

Foreword to amendment A2

The text of document 61E/282/FDIS, future amendment to IEC 60335-2-50:1995 prepared by SC 61E of the IEC Technical Committee 61, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A2 to EN 60225-2-50 on 1999-01-01.

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) 1999-10-01
- date on which national standards conflicting with the amendment have to be withdrawn (dow) 2001-10-01

This amendment supplements or modifies the corresponding clauses of EN 60335-2-50:1997.

There are no special national conditions causing a deviation from this amendment.

National deviations from this amendment are listed in Annex ZB and are in addition to those in EN 60335-1.

Introduction

An investigation by CENELEC TC 61 has concluded that all risks from products within the scope of this standard are fully covered by the Low Voltage Directive, 73/23/EEC. If the product has mechanical moving parts, a risk assessment in accordance with the Machinery Directive, 89/393/EEC, has shown that the risks are mainly of electrical origin and consequently this directive is not applicable.

However, the relevant essential safety requirements of the Machinery Directive are covered by this standard together with the principle objectives of the Low Voltage Directive.

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