

Specification for

Safety of household and similar electrical appliances —

Part 2: Particular requirements —

Section 2.50: Commercial electric bains-marie

The European Standard EN 60335-2-50:1991 has the status of a
British Standard

UDC 64.06-83:641.542.5:640.4

Cooperating organizations

The European Committee for Electrotechnical Standardization (CENELEC), under whose supervision this European Standard was prepared, comprises the national committees of the following countries:

Austria	Italy
Belgium	Luxembourg
Denmark	Netherlands
Finland	Norway
France	Portugal
Germany	Spain
Greece	Sweden
Iceland	Switzerland
Ireland	United Kingdom

This British Standard, having been prepared under the direction of the Light Electrical Engineering Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 November 1992

© BSI 07-1999

The following BSI references relate to the work on this standard:
Committee reference LEL/161
Announced in *BSI News*
August 1992

ISBN 0 580 21254 8

Amendments issued since publication

Amd. No.	Date	Comments
7833	July 1993	Indicated by a sideline in the margin

Contents

	Page
Cooperating organizations	Inside front cover
National foreword	ii
Foreword	2
Text of EN 60335-2-50	4
National annex NA (informative) Original IEC text amended by CENELEC common modifications	14
National annex NB (informative) Committees responsible	Inside back cover
National annex NC (informative) Cross-references	Inside back cover

National foreword

This British Standard has been prepared under the direction of the Light Electrical Engineering Standards Policy Committee and is the English language version of EN 60335-2-50:1991 *Safety of household and similar electrical appliances — Part 2: Particular requirements for commercial electric bains-marie*, “including Amendment A1” published by the European Committee for Electrotechnical Standardization (CENELEC). It was derived by CENELEC from IEC 335-2-50:1989 published by the International Electrical Commission (IEC). This British Standard supersedes the safety requirements of BS 4167-12:1971. The safety requirements of BS 4167-12:1971 will be withdrawn on 1 July 1994.

The CENELEC common modifications have been implemented at the appropriate places in the text and are indicated by a side line in the margin. Parts of the original IEC text that have been modified by CENELEC have been quoted in National annex NA.

This British Standard is to be read in conjunction with BS 3456-201:1990 *General requirements*, which it supplements or modifies. The many references to Part 1 should be read as references to BS 3456-201, which is the English language version of EN 60335-1 which was derived from the 1983 reprint of IEC Publication 335-1 (1976) second edition including Amendments 1, 2 and 3 to IEC 335-1.

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.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

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

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

UDC 64.06-83:641.542.5:640.4

Descriptors: Household electrical appliances, bains-marie, appliances for commercial use, safety requirements, protection against electric shock, fire protection, protection against mechanical hazard

English version

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

(includes amendment A1:1992)
(IEC 335-2-50:1989, modified)

Sécurité des appareils électrodomestiques et
analogues

Deuxième partie: Règles particulières pour
bains-marie électriques à usage collectif
(inclut l'amendement A1:1992)
(CEI 335-2-50:1989, modifiées)

Sicherheit elektrischer Geräte für den
Hausgebrauch und ähnliche Zwecke

Teil 2: Besondere Anforderungen für
gewerbliche elektrische Wasserbäder
(enthält Änderungen A1:1992)
(IEC 335-2-50:1989, modifiziert)

This European Standard was approved by CENELEC on 10 December 1990. 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 the first edition of IEC Publication 335-2-50, documents CLC/TC 61 (SEC) 690 and 690A, was circulated under the enquiry procedure in May and July 1989.

This proposal was discussed during the Stockholm meeting in November 1989 when it was decided to submit a draft for EN 60335-2-50 to the voting procedure. This procedure started in July 1990.

The text of the draft was ratified by CENELEC on the 10th of December 1990.

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

The following dates are applicable:

- latest date of publication of an identical national standard (dop) 1991-07-01
- date of withdrawal of conflicting national standards (dow) 1994-07-01

For products which have complied with the relevant national standard before 1994-07-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1999-07-01.

This document supplements or modifies the corresponding clauses of IEC 335-2-50:1989, so as to convert that standard into the European Standard EN 60335-2-50.

This standard has to be used in conjunction with EN 60335-1:1988, *Safety of household and similar electrical appliances — Part 1: General requirements*.

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 which are in addition to those in IEC 335-1 are numbered starting with 101.

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

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

Other publication quoted in this standard:

HD 365 S3:1985 *Classification of degrees of protection provided by enclosures*

The following print types are used:

- requirements: in roman type

— *test specifications: in italic type*

— explanations: in small roman type

Foreword to Amendment A1

The proposal to endorse amendment 1:1990 to IEC 335-2-50:1989, was discussed during the Helsinki meeting in May 1990 and the Athens meeting in November 1990, when it was decided to submit a draft for an amendment to EN 60335-2-50 to the unique acceptance procedure (UAP).

This draft was circulated as prAA in June 1991 and was ratified by CENELEC as amendment A1 on the 24th of March 1992.

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

The following dates are applicable:

- latest date of publication of an identical national standard (dop) 1992-09-01
- date of withdrawal of conflicting national standards (dow) 1994-09-01

For products which have complied with EN 60335-2-50:1991 before 1994-09-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1999-09-01.

This document supplements or modifies the corresponding clauses of amendment 1:1990 to IEC 335-2-50:1989, so as to convert it into amendment A1 to EN 60335-2-50:1991.

As a consequence of endorsing amendment 1 to IEC 335-2-50, the common modifications in EN 60335-2-50 concerning subclauses **15.4**, **19.4**, **22.101** and **22.106** are withdrawn since they are covered by the IEC text.

EN 60335-2-50, including this amendment, has to be used in conjunction with EN 60335-1:1988, including its amendments A2:1988, A5:1989, A6 1989 and A51:1991.

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

There are no national deviations from this amendment.