

Specification for

Safety of household and similar electrical appliances —

Part 2: Particular requirements —

Section 2.35 Instantaneous water
heaters

The European Standard EN 60335-2-35:1994, with the incorporation of amendment A51:1995, has the status of a British Standard

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Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee CPL/61, Safety of electrical appliances, upon which the following bodies were represented:

- Agricultural Engineers' Association
- Association of Consulting Scientists
- Association of Control Manufacturers [TACMA (BEAMA Ltd.)]
- Association of Manufacturers of Domestic Electrical Appliances
- British Cable Makers Confederation
- British Electrotechnical Approvals Board
- British Pest Control Association
- British Retail Consortium
- Catering Equipment Manufacturers' Association
- Consumer Policy Committee of BSI
- Consumers' Association
- Department of Trade and Industry (Consumer Safety Unit, C A Division)
- ERA Technology Ltd.
- Electrical Installation Equipment Manufacturers' Association (BEAMA Ltd.)
- Electricity Association
- Industrial Cleaning Machine Manufacturers' Association (BEAMA Ltd.)
- Institute of Trading Standards Administration
- Institution of Electrical Engineers
- Loss Prevention Council
- Ministry of Defence
- Portable Electric Tool Manufacturers' Association
- Rotating Electrical Machines Association (BEAMA Ltd.)
- Royal Society for the Prevention of Accidents
- Small Electrical Appliances Marketing Association

The following bodies were also represented in the drafting of the standard, through subcommittees and panels:

- Department of the Environment (Building Research Establishment)
- Water Services Association of England and Wales

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 June 1995

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The following BSI references relate to the work on this standard:
Committee reference CPL/61
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Amendments issued since publication

Amd. No.	Date	Comments
8994	June 1996	Indicated by a sideline in the margin

Contents

	Page
Committees responsible	Inside front cover
National foreword	ii
Foreword	2
Text of EN 60335-2-35	5
National annex NA (informative) Original IEC text amended by CENELEC common modifications	14

National foreword

This British Standard has been prepared by Technical Committee CPL/61 and is the English language version of EN 60335-2-35:1994 *Safety of household and similar electrical appliances — Part 2: Particular requirements for instantaneous water heaters*, including amendment A51:1995, published by the European Committee for Electrotechnical Standardization (CENELEC). It was derived by CENELEC from IEC 335-2-35:1991 (second edition) published by the International Electrotechnical Commission (IEC).

The CENELEC common modifications have been implemented at the appropriate places in the text and are indicated by a side line in the margin. The national differences from the preface of IEC 335-2-35 are parts of the original IEC text that have been modified by CENELEC are quoted in National annex NA.

Attention is drawn particularly to Annex ZY (informative) and to UK national deviations for clauses **22** and **24.102** due to legal requirements relating to UK Building Regulations Section G3.

This British Standard is to be read in conjunction with BS 3456-201:1990 *General requirements*, including the amendments shown in the following table, which supplement and modify BS 3456-201. The interrelationships of the Amendments to IEC 335-1:1976, EN 60335-1:1988 and BS 3456-201:1990 are also shown in the table. 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 335-1:1976 including Amendments 1, 2 and 3 to IEC 335-1:1976.

Amendment to BS 3456-201:1990	Amendment to EN 60335-1:1988	Amendment to IEC 335-1:1976
Amendment No 1:1990	Amendment No 2:1988 ^a	Amendment No 4:1984
Amendment No 2:1990	Amendment No 5:1990 ^a	Amendment No 5:1986
Amendment No 3:1990	Amendment No 6:1989 ^a	Amendment No 6:1988
Amendment No 4:1992	Amendment A51:1991	—
Amendment No 5:1992	Amendment A52:1992	—
Amendment No 6:1992	Amendment A53:1992	—
Amendment No 7:1993	Amendment A54:1992	—
Amendment No 8:1993	Amendment A55:1993	—
Amendment No 9:1993	Corrigendum to Amendment A55:1993	—
Amendment No 10:1994	Corrigendum to EN 60335-1:1988	—
^a These Amendments to EN 60335-1 implement, with additions and modifications, the corresponding Amendments to IEC 335-1		

The foreword of EN 60335-2-35 makes reference to the “date of withdrawal” down of the relevant national standard. In this case there is no current British Standard. The previous British Standard BS 3456-3.9:1979 was withdrawn on 1 June 1992 to comply with CENELEC Internal Regulations. It was replaced in CENELEC by HD 282 S1 1990 and its amendment A1 1992. However the British National Committee agreed not to publish HD 282 S1 and its amendment A1 as a British Standard for safety reasons. HD 282 S1 and amendment A1 are in force in the United Kingdom in accordance with clause **5.2.3.1** of the CENELEC Internal Regulations. HD 282 S1 and its amendment A1 will be withdrawn on 1 March 1997 in accordance with the CENELEC Internal Regulations. Certificates and marks will not be awarded after this date with respect to the withdrawn HD. However such certificates and marks, already awarded, may continue to apply until 1 March 2002.

The foreword of Amendment A51 to EN 60335-2-35 makes reference to “date of withdrawal (dow) of conflicting national standards” as 1998-03-01. In this case the relevant national standard is BS EN 60335-2-35 but the date of withdrawal relates only to those parts of the British Standard subject to Amendment A51. Certificates and marks will not be awarded after this date with respect to the British Standard not incorporating Amendment A51. They will be awarded only to the amended British Standard. However, such certificates and marks already awarded with respect to the British Standard not incorporating Amendment A51 may continue to apply for production until 2003-03-01.

Product approval. Attention is drawn to the fact that products conforming to this British Standard may be approved by 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 Marks Scheme are given on the inside back cover.)

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 to iv, 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.

Descriptors: Household electrical appliances, instant water heaters, 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 instantaneous water heaters (includes amendment A51:1995)

(IEC 335-2-35:1991, modified)

Sécurité des appareils électrodomestiques et
analogues
Deuxième partie: Règles particulières pour les
chauffe-eau instantanés (inclut l'amendement
A51:1995)
(CEI 335-2-35:1991, modifiée)

Sicherheit elektrischer Geräte für den
Hausgebrauch und ähnliche Zwecke
Teil 2: Besondere Anforderungen für
Durchflußerwärmer (enthält Änderung
A51:1995)
(IEC 335-2-35:1991, modifiziert)

This European Standard was approved by CENELEC on 4 October 1994, amendment A51 was approved by CENELEC on 1995-07-04. 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