

Specification for

**Safety of household and  
similar electrical  
appliances —  
Particular rules for  
routine tests referring  
to appliances under the  
scope of BS EN 60335-1  
and BS EN 60967**

The European Standard EN 50106:1997 with the incorporation of amendments A1:1998 and A2:2001, has the status of a British Standard

ICS 97.030

## 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, CA Division)  
 Electrical Installation Equipment Manufacturers' Association (BEAMA Ltd.)  
 Electricity Association  
 ERA Technology Ltd.  
 Health and Safety Executive  
 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

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 May 1997

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The following BSI references relate to the work on this standard:  
 Committee reference CPL/61  
 Draft for comment 84/27750 DC

### Amendments issued since publication

| Amd. No. | Date             | Comments                                         |
|----------|------------------|--------------------------------------------------|
| 10029    | July 1998        | See national foreword                            |
| 13121    | August 2001      | See national foreword                            |
| 13562    | 22 November 2001 | Correction of 1.2 and standard sheet 50106-2-967 |
|          |                  |                                                  |

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## National foreword

This British Standard has been prepared by Technical Committee CPL/61 and is the English version of EN 50106:1997 *Safety of household and similar electrical appliances — Particular rules for routine tests referring to appliances under the scope of EN 60335-1 and EN 60967*, including amendments A1:1998 and A2:2001, published by the European Committee for Electrotechnical Standardization (CENELEC).

The foreword of EN 50106 makes reference to the date of withdrawal, dow, of the relevant national standard. In this case there is no national standard.

This British Standard is to be read in conjunction with BS EN 60335-1:1995 *Safety of household and similar electrical appliances — Part 1: General requirements*, and BS EN 60967:1991 *Specification for safety of electrically heated blankets, pads and similar flexible heating appliances for household use*. The many references to Part 1 should be read as references to BS EN 60335-1:1995, which is the English language version of EN 60335-1:1994 which was derived from IEC publication 335-1, third edition 1991, second impression 1993. 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.

The start and finish of text introduced or altered by amendment is indicated in the text by tags **A<sub>1</sub>** **A<sub>1</sub>**. Tags indicating changes to IEC text carry the number of the IEC amendment. For example, text altered by IEC amendment 2 is indicated by **A<sub>2</sub>** **A<sub>2</sub>**.

**Product approval.** Attention is drawn to the fact that products conforming to this British Standard may be approved by the British Electrotechnical Association Approvals Board for the purposes of participation in the CENELEC Certification Agreement and in the CB Scheme of IECEE. (Details of the BEAB Approvals 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 and ii, the EN title page, pages 2 to 13 and a back cover.

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Descriptors: Household appliances, routine test, electric strength, earthing continuity

English version

## Safety of household and similar electrical appliances — Particular rules for routine tests referring to appliances under the scope of EN 60335-1 and EN 60967

(includes amendments A1:1998 and A2:2001)

Sécurité des appareils électrodomestiques et  
analogues — Règles particulières pour les essais de  
série concernant les appareils dans le domaine  
d'application de la EN 60335-1 et de la EN 60967  
(inclut les amendements A1:1998 et A2:2001)

Sicherheit elektrischer Geräte für den  
Hausgebrauch und ähnliche Zwecke — Besondere  
Regeln für Stückprüfungen von Geräten im  
Anwendungsbereich der EN 60335-1 und EN 60967  
(enthält Änderungen A1:1998 und A2:2001)

This European Standard was approved by CENELEC on 1996-10-01. 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.

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 transform Harmonization Document HD 289 S1:1990 including its amendment A1:1992 into a European Standard, document CLC/TC 61(SEC)858, was circulated in July 1992.

This proposal was discussed during the Pettenasco meeting in September 1992 when it was decided to submit a draft for EN 50106 to the voting procedure. This decision was modified during the El Campello meeting in October 1993 when it was decided to submit a new draft to the unique acceptance procedure (UAP). The procedure started in October 1994 but due to the number of comments received, the draft was rediscussed during the Dublin meeting in May 1995 when it was decided to submit a revised draft to the formal vote.

This draft was circulated in March 1996 and was ratified by CENELEC as EN 50106 on 1996-10-01.

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

The following dates were 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) 1997-04-01
- date on which national standards conflicting with the EN have to be withdrawn (dow) 1999-04-01

For products which have complied with HD 289 S1:1990 and its amendment A1:1992 before 1999-04-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2004-04-01.

National deviations from this European Standard are given with the relevant standard sheet.

## Foreword to amendment A1

A proposal to amend standard sheets 50106-2-21, 50106-2-35 and 50106-2-967 was discussed during the Athens meeting in November 1996 when it was decided to submit a draft for an amendment to EN 50106:1997 to the formal vote.

This draft was circulated as prAA in June 1997 and was approved by CENELEC as amendment A1 to EN 50106 on 1998-01-01.

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

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) 1998-07-01
- date on which national standards conflicting with the amendment have to be withdrawn (dow) 1999-07-01

This amendment supplements or modifies the corresponding standard sheets of EN 50106:1997.

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

There are no national deviations from this amendment.

## Foreword to amendment A2

A proposal to amend standard sheet 50106-2-967, document CLC/TC 61 (IT)238, was discussed during the Naples meeting of CENELEC TC 61 in November 1998, when it was decided to submit a draft for an amendment to EN 50106 to the formal vote.

This draft was circulated in November 1999 and was approved by CENELEC as amendment A2 to EN 50106 on 2000-08-01.

The following dates were 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
- date on which national standards conflicting with the amendment have to be withdrawn (dow) 2003-08-01

This amendment supplements or modifies the corresponding standard sheet of EN 50106:1997.

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

There are no national deviations from this amendment.