



SLOVENSKI STANDARD

SIST EN 60335-2-8:1995

01-marec-1995

Safety of household and similar electrical appliances - Part 2: Particular requirements for electric shavers, hair clippers and similar appliances

Safety of household and similar electrical appliances -- Part 2: Particular requirements for electric shavers, hair clippers and similar appliances

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke -- Teil 2: Besondere Anforderungen für Rasiergeräte, Haarschneidemaschinen und ähnliche elektrische Geräte

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Sécurité des appareils électrodomestiques et analogues -- Partie 2: Règles particulières pour les rasoirs, les tondeuses et appareils électriques analogues

Ta slovenski standard je istoveten z: **EN 60335-2-8:1990**

ICS:

13.120	Varnost na domu	Domestic safety
97.170	Oprema za nego telesa	Body care equipment

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en

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EUROPEAN STANDARD
NORME EUROPEENNE
EUROPÄISCHE NORM

EN 60335-2-8

October 1990

UDC 646.72.06-83:614.8

Supersedes HD 254 S2:1984

Descriptors: Household electrical appliances, shavers, hair clippers, safety requirements, protection against electric shocks, fire protection, protection against mechanical hazard

English version

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES
PART 2: PARTICULAR REQUIREMENTS FOR ELECTRIC SHAVERS,
HAIR CLIPPERS AND SIMILAR APPLIANCES
(IEC 335-2-8:1987, modified)

Sécurité des appareils
électrodomestiques
et analogues
Deuxième partie:
Règles particulières pour
les rasoirs, les tondeuses
et appareils électriques
analogues
(CEI 335-2-8:1987, modifiée)

Sicherheit elektrischer
Geräte für den Hausgebrauch
und ähnliche Zwecke
Teil 2:
Besondere Anforderungen für
Rasiergeräte, Haarschneide-
maschinen und ähnliche
elektrische Geräte
(IEC 335-2-8:1987, modifiziert)

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This European Standard was approved by CENELEC on 11 June 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

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Ref. No. EN 60335-2-8:1990 E

BRIEF HISTORY

The proposal to endorse the third edition of IEC Publication 335-2-8, document CLC/TC 61 (SEC) 599, was circulated under the enquiry procedure in October 1987.

This proposal was discussed during the Neusiedl meeting in May 1988 and the Brussels meeting in May 1989 when it was decided to submit a draft for EN 60335-2-8 to the voting procedure. This procedure started in October 1989.

The text of this draft was ratified by the CENELEC Technical Board on the 5th of March 1990.

A proposal to amend the test for switches was discussed during the Athens meeting in October 1985. A draft for an amendment to EN 60335-2-8 was submitted to the Unique Acceptance Procedure (UAP) in October 1989.

The text of this draft (prAmendment A) was ratified by the CENELEC Technical Board on the 11th of June 1990. It has been incorporated in EN 60335-2-8.

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FOREWORD

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

The following dates are applicable:

- date of announcement (doa) 1990-07-01
- date of latest publication (dop) 1991-01-01
- date of withdrawal of conflicting national standards (dow) 1993-01-01

This European Standard replaces HD 254 S2:1984.

For products which have complied with HD 254 S2:1984 before 1993-01-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1998-01-01.

This document supplements or modifies the corresponding clauses of IEC 335-2-8:1987, so as to convert that standard into the European Standard EN 60335-2-8.

This standard has to be used in conjunction with EN 60335-1:1988, Safety of household and similar electrical appliances, Part 1: General requirements, including its amendments A2:1988, A5:1989 and A6:1989.

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.

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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 of EN 60335-1.

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

- r The following print types are used:
- R - requirements: in roman type;
 - i - test specifications: in italic type ;
 - r - explanations: in small roman type.

- p Note: In this document the following indications are used in the margin:
- R for roman type,
 - i for italic type,
 - r for small roman type,
 - p for instructions for preparing the printed version.

ENDORSEMENT NOTICE

- p IEC 335-2-8:1987 applies, taking into account the following common modifications.

COMMON MODIFICATIONS

p Foreword Delete.

Preface Delete.

11. HEATING

p Add:

i 11.10 Modification:
For motors of appliances intended for household use only,
p = 500; for motors of other appliances, p = 2000.

25. SUPPLY CONNECTION AND EXTERNAL FLEXIBLE CABLES AND CORDS

p 25.6 Replace "245 IEC 57" by "H05 RN-F".

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ANNEX ZA (normative)

SWITCHES

R Annex ZA of EN 60335-1 is applicable except as follows:

CLAUSE 16 - NORMAL OPERATION

Subclause 16b

- i Modification:
Instead of 10 000 cycles of operation, 5 000 cycles apply for switches incorporated in shavers and hair clippers intended for household use only.

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NORME INTERNATIONALE INTERNATIONAL STANDARD

CEI
IEC
335-2-8

Troisième édition
Third edition
1987



Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

Sécurité des appareils électrodomestiques et analogues

Deuxième partie: Règles particulières pour les rasoirs, les tondeuses
et appareils électriques analogues.

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Safety of household and similar electrical appliances

Part 2: Particular requirements for electric shavers, hair clippers
and similar appliances

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES

Part 2: Particular requirements for electric shavers, hair clippers and similar appliances

FOREWORD

- 1) The formal decisions or agreements of the IEC, on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
- 3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.

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PREFACE
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This publication has been prepared by IEC Technical Committee No. 61: Safety of Household and Similar Electrical Appliances. [N 60335-2-8:1995](https://standards.iteh.ai/catalog/standards/sist/dc3bbd14-4530-4236-874a-7891ba466402/sist-en-60335-2-8-1995)

It forms the third edition of IEC Publication 335-2-8 and replaces the second edition (1981) and Amendment No. 1 (1985). <https://standards.iteh.ai/catalog/standards/sist/dc3bbd14-4530-4236-874a-7891ba466402/sist-en-60335-2-8-1995>

The text of this publication is based on the second edition and its amendment.

This Part 2 is intended to be used in conjunction with IEC Publication 335-1. It was established on the basis of the second edition (1976) of that publication, as modified by Amendments No. 1 (1977), No. 2 (1979), No. 3 (1982), No. 4 (1984) and No. 5 (1986). Consideration may be given to future editions of or amendments to IEC Publication 335-1.

This Part 2 supplements or modifies the corresponding clauses in IEC Publication 335-1, so as to convert that publication into the IEC standard: Safety requirements for electric shavers, hair clippers and similar appliances (third edition).

Where a particular sub-clause of Part 1 is not mentioned in this Part 2, that sub-clause applies as far as is reasonable. Where this third edition states "addition", "modification" or "replacement", the relevant requirement, test specification or explanatory matter in Part 1 should be adapted accordingly.

The following differences exist in some countries:

- Class 0 and Class 0I appliances are permitted, provided they withstand higher test voltages during the electric strength test (Sub-clause 22.1).
- Power supply cords specially designed for use with electric shavers and hair clippers intended for household use only, are permitted (Sub-clause 25.6).