



SLOVENSKI STANDARD SIST EN 60335-2-59:1995

01-marec-1995

Safety of household and similar electrical appliances - Part 2: Particular requirements for insect killers (IEC 335-2-59:1990, modified)

Safety of household and similar electrical appliances -- Part 2: Particular requirements for insect killers

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke -- Teil 2: Besondere Anforderungen für Insektenvernichter

Sécurité des appareils électrodomestiques et analogues -- Partie 2: Règles particulières pour les appareils destructeurs d'insectes

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Ta slovenski standard je istoveten z: EN 60335-2-59:1994

ICS:

13.120	Varnost na domu	Domestic safety
97.180	Razna oprema za dom in trgovino	Miscellaneous domestic and commercial equipment

SIST EN 60335-2-59:1995

en

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EUROPEAN STANDARD

EN 60335-2-59

NORME EUROPEENNE

EUROPÄISCHE NORM

September 1994

UDC 64.06-83:648.7:614.8
ICS 97.180

Descriptors: Household electrical appliances, insect killers, 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 insect killers
 (IEC 335-2-59:1990, modified)

Sécurité des appareils électrodomestiques
et analogues

Deuxième partie:

Règles particulières pour les appareils
destructeurs d'insectes

(CEI 335-2-59:1990, modifiée)

Sicherheit elektrischer Geräte für den Haus-
gebrauch und ähnliche Zwecke

Teil 2:

Besondere Anforderungen für
Insektenvernichter

(IEC 335-2-59:1990, modifiziert)

[SIST EN 60335-2-59:1995](https://standards.iteh.ai/catalog/standards/sist/b3d3e58d-e5e6-4139-b59f-e2b07a2e7151/sist-en-60335-2-59-1995)[https://standards.iteh.ai/catalog/standards/sist/b3d3e58d-e5e6-4139-b59f-](https://standards.iteh.ai/catalog/standards/sist/b3d3e58d-e5e6-4139-b59f-e2b07a2e7151/sist-en-60335-2-59-1995)[e2b07a2e7151/sist-en-60335-2-59-1995](https://standards.iteh.ai/catalog/standards/sist/b3d3e58d-e5e6-4139-b59f-e2b07a2e7151/sist-en-60335-2-59-1995)

This European Standard was approved by CENELEC on 5 July 1994. 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 335-2-59, document CLC/TC 61 (SEC) 730, was circulated under the enquiry procedure in March 1990. This proposal was discussed during the Athens meeting in November 1990, when it was decided to submit a draft for EN 60335-2-59 to the voting procedure. This procedure started in December 1991 but the draft did not receive sufficient support.

The comments were discussed during the Pettenasco meeting in September 1992, when it was decided to submit a second draft for EN 60335-2-59 to the unique acceptance procedure (UAP).

This draft was circulated in June 1993 and was ratified by CENELEC on 1994-07-05.

This European Standard 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) 1995-04-01
- date of withdrawal of conflicting national standards (dow) 1997-04-01

For products which have complied with the relevant national standard before 1997-04-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2002-04-01.

<https://standards.iteh.ai/catalog/standards/sist/b3d3e58d-e5e6-4139-b59f>

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, A6:1989, A51:1991, A52:1992, A53:1992, A54:1992 and A55:1993.

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 Part 1 are numbered starting with 101.
Subclauses which are in addition to those in IEC 335-2-59 are numbered starting with 601.

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.

Other publications quoted in this standard:

EN 60598-1:1989	Luminaires - Part 1: General requirements and tests
HD 243 S10:1993	Graphical symbols for use on equipment - Index, survey and compilation of the single sheets
HD 323.2.11 S1:1988	Environmental testing - Part 2: Tests - Test Ka: Salt mist

NOTE - The following print types are used:

- requirements: in roman type;
- *test specifications: in italic type;*
- notes: in small roman type.

p NOTE: In this document p is used in the margin to indicate instructions for preparing the printed version.

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[SIST EN 60335-2-59:1995](https://standards.iteh.ai/catalog/standards/sist/b3d3e58d-e5e6-4139-b59f-e2b07a2e7151/sist-en-60335-2-59-1995)

<https://standards.iteh.ai/catalog/standards/sist/b3d3e58d-e5e6-4139-b59f-e2b07a2e7151/sist-en-60335-2-59-1995>

Endorsement notice

The text of the International Standard IEC 335-2-59:1990 was approved by CENELEC as a European Standard with agreed common modifications as given below.

COMMON MODIFICATIONS

p **Foreword** Delete

p **Preface** Delete.

1. Scope

p 1.1 Replace "IEC Publication 598-1" by "EN 60598-1".

7. Marking

p 7.1 *Delete* "Keep out of reach of children".

p 7.6 Replace "IEC Publication 417" by "HD 243"

p 7.12 Add: **(standards.itech.ai)**

The instruction sheet shall include the substance of the following:

[https://standards.itech.ai/catalog/standards/sist/b3d3e58d-e5e6-4139-b59f-](https://standards.itech.ai/catalog/standards/sist/b3d3e58d-e5e6-4139-b59f-317225b10819/iec-335-2-59-1990)

Place the appliance out of reach of children.

The instructions shall state that the insect killer is not to be used in locations where flammable vapour or explosive dust is likely to exist.

8. Protection against electric shock

p 8.1 Add "earthed" before "parts".

11. Heating

p Add:

11.1 *Addition:*

For lamps and their circuits, compliance is checked by the test of subclause 12.4 of EN 60598-1.

COMMON MODIFICATIONS

- 19. Abnormal operation**
- p Replace the text by:
- This clause of Part 1 is applicable except as follows:
- 19.1 *Addition:*
- For lamps and their circuit, compliance is checked by the test of subclause 12.5 of EN 60598-1.*
- 22. Construction**
- p 22.103 Delete.
- p Add:
- 22.601 Appliances shall be constructed so that there is no risk of electric shock when touching the grid during user maintenance.
- Compliance is checked by the following test.*
- The appliance is supplied at rated voltage.*
- It is then disconnected from the supply and protective parts are removed in accordance with the instructions for cleaning. One second after disconnection the voltage between the poles of the grid is measured with an instrument which does not appreciably affect the values to be measured.*
- The voltage shall not exceed 34 V.*
- 22.602 The output short-circuit current shall be limited.
- Compliance is checked by the following test.*
- The appliance is supplied at rated voltage. The current is measured between:*
- the poles of the grid;*
 - either pole of the grid and parts connected to earth.*
- The current shall not exceed 10 mA.*
- 25. Supply connection and external flexible cables and cords**
- p 25.6 Replace "245 IEC 57 or 245 IEC 66" by "H05 RN-F or H07 RN-F".

COMMON MODIFICATIONS

- 29 **Creepage distances, clearances and distances through insulation**
- p Modification of the French version only.
31. **Resistance to rusting**
- p 31.101 Replace "IEC Publication 68-2-11" by "HD 323.2.11".
32. **Radiation, toxicity and similar hazard**
- p Replace the text by:
- This clause of Part 1 is applicable except as follows:
- 32.601 Lamps shall not emit a significant amount of radiation having a wavelength shorter than 320 nm.

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Compliance is checked by measurements.
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NOTE - An amount of radiation having a wavelength shorter than 320 nm which is less than 3% of the total emission is not considered to be significant.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
335-2-59

Première édition
First edition
1990-02

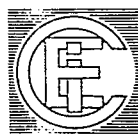
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Safety of household and similar electrical
appliances

Part 2:
Particular requirements for insect killers



Numéro de référence
Reference number
CEI/IEC 335-2-59: 1990

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES

Part 2: Particular requirements for insect killers

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

This publication has been prepared by IEC Technical Committee No. 61: Safety of Household and Similar Electrical Appliances.

It forms the first edition of IEC Publication 335-2-59.

The text of this standard is based on the following documents:

Six Months' Rule	Report on Voting
61(C0)565	61(C0)611

Full information on the voting for the approval of this publication can be found in the Voting Report indicated in the above table.

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), No. 5 (1986) and No. 6 (1988). 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 insect killers (First edition).