

SLOVENSKI STANDARD SIST EN 60335-2-98:1998

01-junij-1998

J Uf bcghi[cgdcX]b^g_]\ "]b'dcXcVb]\ 'YY_Hf] b]\ 'UdUf Ufcj '!'&!-, "XY. 'DcgYVbY nU, HYj Y'nU'j 'Uÿ]'b]_Y'nfU_Uff97 '*\$' ')!&!-,.%-+L

Safety of household and similar electrical appliances -- Part 2-98: Particular requirements for humidifiers

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke -- Teil 2-98: Besondere Anforderungen für Luftbefeuchter RD PREVIEW

Sécurité des appareils électrodomestiques et analogues -- Partie 2-98: Règles particulières pour les humidificateurs 151 60335-2-98:1998

https://standards.iteh.ai/catalog/standards/sist/6b571846-794a-45f6-b263-

Ta slovenski standard je istoveten z: EN 60335-2-98-1998

ICS:

SIST EN 60335-2-98:1998 en

SIST EN 60335-2-98:1998

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN 60335-2-98:1998

https://standards.iteh.ai/catalog/standards/sist/6b571846-794a-45f6-b263-2e9c8b8dc8c0/sist-en-60335-2-98-1998

SIST EN 60335-2-98:1998

EUROPEAN STANDARD NORME EUROPÉENNE EUROPÄISCHE NORM

EN 60335-2-98

September 1997

ICS 97.180

Descriptors:

Household electrical appliances, humidifiers, safety requirements, protection against electric shock, protection against mechanical hazard, fire protection

English version

Safety of household and similar electrical appliances Part 2: Particular requirements for humidifiers (IEC 60335-2-98:1997)

Sécurité des appareils électrodomestiques et analogues Partie 2: Règles particulières pour

les humidificateurs

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

(CEI 60335-2-98:1997)h STANDARD P(IEC 60335-2-98:1997)

(standards.iteh.ai)

SIST EN 60335-2-98:1998

https://standards.iteh.ai/catalog/standards/sist/6b571846-794a-45f6-b263-2e9c8b8dc8c0/sist-en-60335-2-98-1998

This European Standard was approved by CENELEC on 1997-07-01. 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

¹⁹⁹⁷ CENELEC - All rights of exploitation in any form and by any means reserved worldwide for CENELEC members.

Page 2 EN 60335-2-98:1997

Foreword

The text of document 61/1100/FDIS, future first edition of IEC 60335-2-98, prepared by the IEC Technical Committee 61 was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60335-2-98 on 1997-07-01.

The following dates are 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)

1998-06-01

 date on which national standards conflicting with the EN have to be withdrawn

(dow)

2000-06-01

For products which have complied with the relevant national standard before 2000-06-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2005-06-01.

This standard has to be used in conjunction with EN 60335-1, Safety of household and similar electrical appliances, Part 1: General requirements. It was established on the basis of the 1994 edition of that standard. 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.

This part 2 supplements or modifies the corresponding clauses of EN 60335-1, so as to convert it into the European Standard: Safety requirements for electric humidifiers for household and similar use.

When a particular subclause of part 1 is not mentioned in this part 2, that subclause applies as far as is reasonable. When this standard states "addition" or "replacement", the relevant text of part 1 is to be adapted accordingly itch ai/catalog/standards/sist/6b571846-794a-45f6-b263-

2e9c8b8dc8c0/sist-en-60335-2-98-1998

Subclauses which are additional to those in part 1 are numbered starting with 101.

Special national conditions causing a deviation from this European Standard are listed in annex ZA and are in addition to those in EN 60335-1.

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

NOTE - The following print types are used:

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

р

Words in **bold** in the text are defined in clause 2. When a definition of part 1 concerns an adjective, the adjective and the associated noun are also in bold.

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

Endorsement notice

The text of the International Standard IEC 60335-2-98:1997 was approved by CENELEC as a European Standard without any modification.

Page 3 EN 60335-2-98:1997

Annexes

p Add:

Annex ZA (normative)

Special national conditions

Addition:

Clause

Special national condition

25.3

Netherlands

Class I electrode-type appliances and class I appliances with bare heating elements shall only be intended to be permanently connected to fixed wiring.

iTeh STANDARD PREVIEW (standards.iteh.ai)

<u>SIST EN 60335-2-98:1998</u> https://standards.iteh.ai/catalog/standards/sist/6b571846-794a-45f6-b263-2e9c8b8dc8c0/sist-en-60335-2-98-1998 SIST EN 60335-2-98:1998

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST EN 60335-2-98:1998

https://standards.iteh.ai/catalog/standards/sist/6b571846-794a-45f6-b263-2e9c8b8dc8c0/sist-en-60335-2-98-1998

NORME INTERNATIONALE INTERNATIONAL STANDARD

CEI IEC 60335-2-98

> Première édition First edition 1997-09

Sécurité des appareils électrodomestiques et analogues –

Partie 2:

Règles particulières pour les humidificateurs

iTeh STANDARD PREVIEW

Safety of household and similar electrical appliances –

SIST EN 60335-2-98:1998

https://paintis2eh.ai/catalog/standards/sist/6b571846-794a-45f6-b263-

Particular requirements for humidifiers

© IEC 1997 Droits de reproduction réservés — Copyright - all rights reserved

Aucune partie de cette publication ne peut être reproduite ni utilisée sous quelque forme que ce soit et par aucun procédé, électronique ou mécanique, y compris la photocopie et les microfilms, sans l'accord écrit de l'éditeur.

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

International Electrotechnical Commission Telefax: +41 22 919 0300 e-m

on 3, rue de Varembé Geneva, Switzerland e-mail: inmail@iec.ch IEC web site http://www.iec.ch



Commission Electrotechnique Internationale International Electrotechnical Commission Международная Электротехническая Комиссия CODE PRIX PRICE CODE

L

Pour prix, voir catalogue en vigueur For price, see current catalogue

CONTENTS

| | | Page |
|-----|---|------|
| F | OREWORD | 5 |
| Cla | ause | |
| 1 | Scope | |
| 2 | Definitions | 9 |
| 3 | General requirements | 9 |
| 4 | General conditions for the tests | 11 |
| 5 | Void | 11 |
| 6 | Classification | 11 |
| 7 | Marking and instructions | 11 |
| 8 | Protection against access to live parts | 11 |
| 9 | Starting of motor-operated appliances | 13 |
| | | 13 |
| | Power input and current | 13 |
| 12 | Void | 13 |
| 13 | VoidLeakage current and electric strength at operating temperature | 15 |
| 14 | Void | 15 |
| 15 | Moisture resistance | 15 |
| 16 | Moisture resistance Leakage current and electric strength https://standards.iteh.a/catalog/standards/sist/6b571846-794a-4516-b263- Overload protection of transformers and associated circuits | 15 |
| 17 | https://standards.iteh.a/catalog/standards/sist/6b5/1846-794a-4516-b263- | 15 |
| 12 | Endurance | 15 |
| | | 15 |
| | Abnormal operation | 17 |
| | Stability and mechanical hazards | 17 |
| 22 | Mechanical strength Construction | 17 |
| | | 17 |
| | Internal wiring | 19 |
| -T | Components | 19 |
| | Supply connection and external flexible cords | 19 |
| | Terminals for external conductors | 19 |
| | Provision for earthing | 19 |
| | Screws and connections | 19 |
| | Creepage distances, clearances and distances through insulation | 19 |
| | Resistance to heat, fire and tracking | 21 |
| | Resistance to rusting | 21 |
| | Radiation, toxicity and similar hazards | 21 |
| ۱nr | nexes | 23 |

INTERNATIONAL ELECTROTECHNICAL COMMISSION

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – Part 2: Particular requirements for humidifiers

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all-interested National Committees.
- 3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.
- 5) The IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with one of its standards.
- 6) Attention is drawn to the possibility that some of the elements of this international Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

This part of International Standard IEC 60335 has been prepared by IEC technical committee 61: Safety of household and similar electrical appliances.

It forms the first edition of IEC 60335-2-98.

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

| FDIS | Report on voting |
|--------------|------------------|
| 61/1100/FDIS | 61/1268/RVD |

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This part 2 is to be used in conjunction with the latest edition of IEC 60335-1 and its amendments. It was established on the basis of the third edition (1991) of that standard.

This part 2 supplements or modifies the corresponding clauses in IEC 60335-1, so as to convert it into the IEC standard: Safety requirements for electric humidifiers for household and similar use.