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**Elektriske apparater til husholdningsbrug  
o.l. – Sikkerhed – Del 2-15: Særlige krav til  
apparater til opvarmning af væsker**

Household and similar electrical appliances – Safety – Part 2-15:  
Particular requirements for appliances for heating liquids

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# DS/EN 60335-2-15:2016/A2:2021

København

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IDT med: IEC 60335-2-15:2012/AMD2:2018

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ICS 13.120; 97.040.50

English Version

Household and similar electrical appliances - Safety - Part 2-15:  
Particular requirements for appliances for heating liquids  
(IEC 60335-2-15:2012/A2:2018)

Appareils électrodomestiques et analogues - Sécurité -  
Partie 2-15: Exigences particulières pour les appareils de  
chauffage des liquides  
(IEC 60335-2-15:2012/A2:2018)

Sicherheit elektrischer Geräte für den Hausgebrauch und  
ähnliche Zwecke - Teil 2-15: Besondere Anforderungen für  
Geräte zur Flüssigkeitserhitzung  
(IEC 60335-2-15:2012/A2:2018)

This amendment A2 modifies the European Standard EN 60335-2-15:2016; it was approved by CENELEC on 2021-03-13. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

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European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

## European foreword

The text of document 61/5709/FDIS, future IEC 60335-2-15/A2, prepared by IEC/TC61 "Safety of household and similar electrical appliances" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60335-2-15:2016/A2:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2022-02-20
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-08-20

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

This document is read in conjunction with EN 60335-2-15:2016/A12:2021.

This European amendment A2 will supersede the standard EN 60335-2-15:2016+A11:2018 when EN 60335-2-15:2016/A12 is published.

This European amendment A2 is not linked to European legislation unless it is used in conjunction with A12.

This document has been prepared under a Standardization Request given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s) / Regulation(s).

For the relationship with EU Directive(s) / Regulation(s), see informative Annex ZZ, included in EN 60335-2-15:2016/A12:2021.

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IEC 60335-2-15

Edition 6.0 2018-11

# INTERNATIONAL STANDARD

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AMENDMENT 2  
AMENDEMENT 2

**Household and similar electrical appliances – Safety –  
Part 2-15: Particular requirements for appliances for heating liquids**

**Appareils électrodomestiques et analogues – Sécurité –  
Partie 2-15: Exigences particulières pour les appareils de chauffage des liquides**





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# IEC 60335-2-15

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## FOREWORD

This amendment has been prepared by IEC technical committee 61: Safety of household and similar electrical appliances.

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

FDIS	Report on voting
61/5709/FDIS	61/5735/R0

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

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
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NOTE The attention of National Committees is drawn to the fact that equipment manufacturers and testing organizations may need a transitional period following publication of a new, amended or revised IEC publication in which to make products in accordance with the new requirements and to equip themselves for conducting new or revised tests.

It is the recommendation of the committee that the content of this publication be adopted for implementation nationally not earlier than 12 months or later than 36 months from the date of publication.

### 3 Terms and definitions

#### 3.104

##### **feeding-bottle heater**

*In the term definition, delete the words "to a predetermined temperature".*

*Add the following:*

Note 1 to entry: **Feeding-bottle heaters** may have a control to set the temperature or time to a predetermined level.

### 7 Marking and instruction

**7.12** *After the twelfth paragraph of the addition beginning "The instructions for **feeding-bottle heaters** shall state", add the following new paragraph:*

The instructions for **feeding-bottle heaters** that do not switch off automatically shall additionally include an instruction to switch off the **feeding-bottle heater** after use.



## 19 Abnormal operation

19.101 Replace the last paragraph by the following:

After the test, and when the insulation has cooled down to approximately room temperature, **live parts** shall not be accessible and the kettle shall pass the dielectric strength test in 16.3 with the test voltage specified in Table 4.

The humidity treatment of 15.3 is not applied before the electric strength test is carried out.

The kettle is filled to its **rated capacity** with water for 24 h before the electric strength test is carried out. Other requirements of 19.13 are not applicable.

## 22 Construction

22.110 Replace the requirement by the following:

**Feeding-bottle heaters** with a control to set a pre-determined temperature or time shall emit a visible or audible signal to indicate that the pre-determined temperature or time has been reached.

## 24 Components

24.101 Add the following as a new last paragraph to the test specification

If appliances, other than

- **fixed water boilers** incorporating **self-resetting thermal cut-outs** that have been subjected to 10 000 cycles of operation, and
- **kettles**

incorporate **self-resetting thermal cut-outs**, these shall be short-circuited or rendered inoperative for the test of 19.4.

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