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**Gospodinjski in podobni električni aparati - Varnost - 2-105. del: Posebne zahteve za večnamenske kabine za prhanje - Dopolnilo A2**

Household and similar electrical appliances - Safety - Part 2-105: Particular requirements for multifunctional shower cabinets

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke - Teil 2-105: Besondere Anforderungen für multifunktionelle Duscheinrichtungen

Appareils électrodomestiques et analogues - Sécurité - Partie 2-105: Règles particulières pour les cabines de douche multifonctions

[SIST EN EN 60335-2-105:2005/A2:2020](https://standards.iteh.ai/catalog/standards/sist/efdcaf0b-9779-48b8-8a89-e341f2ee5bf3/sist-en-en-60335-2-105:2005/A2:2020)

[https://standards.iteh.ai/catalog/standards/sist/efdcaf0b-9779-48b8-8a89-](https://standards.iteh.ai/catalog/standards/sist/efdcaf0b-9779-48b8-8a89-e341f2ee5bf3/sist-en-en-60335-2-105:2005/A2:2020)

**Ta slovenski standard je istoveten z: EN 60335-2-105:2005/A2:2020**

**ICS:**

13.120	Varnost na domu	Domestic safety
91.140.70	Sanitarne naprave	Sanitary installations

**SIST EN EN 60335-2-105:2005/A2:2020 en**

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EUROPEAN STANDARD

**EN 60335-2-105:2005/A2**

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2020

ICS 13.120; 97.170

English Version

Household and similar electrical appliances - Safety - Part 2-105:  
Particular requirements for multifunctional shower cabinets  
(IEC 60335-2-105:2004/A2:2013 , modified)

Appareils électrodomestiques et analogues - Sécurité -  
Partie 2-105: Règles particulières pour les cabines de  
douche multifonctions  
(IEC 60335-2-105:2004/A2:2013 , modifiée)

Sicherheit elektrischer Geräte für den Hausgebrauch und  
ähnliche Zwecke - Teil 2-105: Besondere Anforderungen für  
multifunktionelle Duscheinrichtungen  
(IEC 60335-2-105:2004/A2:2013 , modifiziert)

This amendment A2 modifies the European Standard EN 60335-2-105:2005; it was approved by CENELEC on 2016-11-07. 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.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

**STANDARD PREVIEW**  
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This amendment 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 CEN-CENELEC Management Centre has the same status as the official versions.

[SIST EN EN 60335-2-105:2005/A2:2020](https://standards.iteh.ai/catalog/standards/sist/efdcaf0b-9779-48b8-8a89-6872a5c1a1c0/60335-2-105:2005/A2:2020)

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CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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**

**EN 60335-2-105:2005/A2:2020****European foreword**

This document (EN 60335-2-105:2015/A2:2020) consists of the text of IEC 60335-2-105:2015/A2:2013 prepared by IEC/TC 61 "Safety of household and similar electrical appliances", together with common modifications prepared by CLC/TC/61 "Safety of household and similar electrical appliances".

The following dates are fixed:

- latest date by which the document has to be implemented at national level (dop) 2020-07-24  
by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-01-24

This amendment supplements or modifies the corresponding clauses of the standards below:

- EN 60335-1:2012+A11:2014+ A13:2017+A1:2019+A14:2019+A2:2019 (Part 1)
- EN 60335-2-105:2005+A1:2008+A11:2010 (Part 2)

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

**iTeh STANDARD PREVIEW**

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive.

For the relationship with EU Directive see informative Annexes ZZA and ZZB, which are an integral part of this document.

<https://standards.itih.ai/catalog/standards/sist/efdcaf0b-9779-48b8-8a89-e3d1f2aa5cbf/sist-en-en-60335-2-105-2005-a2-2020>

## Endorsement notice

The text of the International Standard IEC 60335-2-105:2005/A2:2013 was approved by CENELEC as a European Standard with agreed common modifications not related to A2 but prepared by WG4 to meet the needs of EU Mandate M/511.

### COMMON MODIFICATIONS

#### 1 Modification to the Scope

*Replace the fourth paragraph excluding notes 101, 102, 103 by the following:*

This standard deals with the reasonably foreseeable hazards presented by appliances and machines that are encountered by all persons. However, in general, it does not take into account:

- **children** playing with the appliance;
- the use of the appliance by **young children** and **very young children**;
- the use of the appliance by **older children** without supervision.

It is recognized that **very vulnerable people** may have needs beyond the level addressed in this standard.

#### 2 Modification to clause 7, Marking and instructions

7.12 *Modification:*

*Delete the 4th paragraph of the addition including the warning.*

#### 3 Modification to the Annexes

##### **Annex ZZA**

(informative)

*Replace Annex ZZA in the part 1 by the following:*

#### **Relationship between this European Standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered**

This European Standard has been prepared under a Commission's standardization request relating to harmonized standards in the field of the Low Voltage Directive, M/511, to provide one voluntary means of conforming to safety objectives of Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits [2014 OJ L96].

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding safety objectives of that Directive, and associated EFTA regulations.

Compliance with this Part 2 when used together with the Part 1 provides one means of conformity with the safety objectives.

## EN 60335-2-105:2005/A2:2020

Table ZZA.1 – Correspondence between this European Standard and Annex I of Directive 2014/35/EU [2014 OJ L96]

Safety objectives of Directive 2014/35/EU	Clause(s) / sub-clause(s) of this EN	Remarks/ Notes
1 a)	Clauses 4, 7	None
1 b)	Clauses 4, 7	None
1 c)	Clauses 4, 7	None
2 a)	Clauses 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31	None
2 b)	Clauses 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31	None
2 c)	Clauses 6, 7, 11, 15, 17, 18, 19, 20, 21, 22, 24, 25, 30, 32	None
2 d)	Clauses 6, 7, 8, 9, 10, 11, 13, 14, 15, 16, 17, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31	None
3 a)	Clauses 6, 7, 11, 17, 18, 19, 20, 21, 22	None
3 b)	Clauses 7, 11, 15, 19, 22, 25, 32	None
3 c)	Clauses 6, 7, 9, 10, 11, 14, 17, 18, 19, 21, 22	None

**WARNING 1** — Presumption of conformity stays valid only as long as a reference to this European Standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

**WARNING 2** — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

[SIST EN EN 60335-2-105:2005/A2:2020](https://standards.iteh.ai/catalog/standards/sist/efdcaf0b-9779-48b8-8a89-e3d1f2aa5cbf/sist-en-en-60335-2-105-2005-a2-2020)

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### Annex ZZB (informative)

*The Annex ZZB is not applicable*

## 4 Modification to the Bibliography

In the Bibliography of EN 60335-2-105:2005, the following note has to be **deleted** for the standard indicated:

ISO 13732-1      NOTE      Harmonized as EN ISO 13732-1:2006 (not modified).



IEC 60335-2-105

Edition 1.0 2013-06

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

AMENDMENT 2  
AMENDEMENT 2

Household and similar electrical appliances – Safety –  
Part 2-105: Particular requirements for multifunctional shower cabinets  
(standards.iteh.ai)

Appareils électrodomestiques et analogues – Sécurité –  
Partie 2-105: Règles particulières pour les cabines de douche multifonctions

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## FOREWORD

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

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

CDV	Report on voting
61/4523/CDV	61/4594/RVC

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 French version of this amendment has not been voted upon.

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 web site 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
- amended.

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.

## Contents

*Replace the title of Clause 3 by the following:*

Terms and definitions

### 1 Scope

*Add the following to Note 101:*

- in many countries, mechanical strength, impact resistance and shattering properties of shower enclosures can be covered by national regulations.

### 3 Definitions

*Replace the title of Clause 3 but not the clause number, by the following:*

Terms and definitions