



BSI Standards Publication

Household and similar electrical appliances — Safety

Part 2-5: Particular requirements for dishwashers

This is a preview of "BS EN 60335-2-5:2015...". Click here to purchase the full version from the ANSI store.

National foreword

This British Standard is the UK implementation of EN 60335-2-5:2015+A1:2020. It is derived from IEC 60335-2-5:2012 incorporating amendment 1:2018 and corrigendum 1:2018. It supersedes BS EN 60335-2-5:2015+A11:2019, which is withdrawn. BS EN 60335-2-5:2015+A11:2019 supersedes BS EN 60335-2-5:2015, which has a withdrawal date of 6 December 2022. That withdrawal date is still valid and applicable for BS EN 60335-2-5:2015.

The CENELEC common modifications have been implemented at the appropriate places in the text. The start and finish of each common modification is indicated in the text by tags **[C]** **[C]**.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Text altered by CENELEC amendment A11 is indicated by **[A11]** **[A11]**.

The start and finish of text introduced or altered by amendment is indicated in the text by tags. Tags indicating changes to IEC text carry the number of the IEC amendment. For example, text altered by IEC amendment 1 is indicated by **[A1]** **[A1]**.

The start and finish of text introduced or altered by corrigendum is indicated in the text by tags. Text altered by IEC Corrigendum August 2018 is indicated in the text by **[AC1]** **[AC1]**.

The UK participation in its preparation was entrusted to Technical Committee CPL/61, Safety of household and similar electrical appliances.

A list of organizations represented on this committee can be obtained on request to its committee manager.

This publication has been prepared under a mandate given to the European Standards Organizations by the European Commission and the European Free Trade Association. It is intended to support requirements of the EU legislation detailed in the European Foreword. A European Annex, usually Annex ZA or ZZ, describes how this publication relates to that EU legislation.

For the Great Britain market (England, Scotland and Wales), if UK Government has designated this publication for conformity with UKCA marking (or similar) legislation, it may contain an additional National Annex. Where such a National Annex exists, it shows the correlation between this publication and the relevant UK legislation. If there is no National Annex of this kind, the relevant Annex ZA or ZZ in the body of the European text will indicate the relationship to UK regulation applicable in Great Britain. References to EU legislation may need to be read in accordance with the UK designation and the applicable UK law. Further information on designated standards can be found at www.bsigroup.com/standardsandregulation.

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Amendments/corrigenda issued since publication

Date	Text affected
30 June 2015	Corrected to include CENELEC Common Modifications
31 January 2020	Implementation of CENELEC amendment A11:2019
31 January 2020	IEC Interpretation Sheet 1 added
31 March 2022	Implementation of IEC Corrigendum August 2018
31 March 2022	Implementation of IEC amendment A1:2020 with CENELEC endorsement

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October 2020

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English Version

Household and similar electrical appliances - Safety - Part 2-5: Particular requirements for dishwashers (IEC 60335-2-5:2012 , modified)

Appareils électrodomestiques et analogues - Sécurité -
Partie 2-5: Exigences particulières pour les lave-vaisselle
(IEC 60335-2-5:2012 , modifiée)

Sicherheit elektrischer Geräte für den Hausgebrauch und
ähnliche Zwecke - Teil 2-5: Besondere Anforderungen für
Geschirrspülmaschinen
(IEC 60335-2-5:2012 , modifiziert)

This European Standard was approved by CENELEC on 2013-08-09. 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 CEN-CENELEC Management Centre or to any CENELEC member.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

The text of document 61/4450/FDIS, future edition 6 of IEC 60335-2-5, prepared by IEC/TC 61 "Safety of household and similar electrical appliances" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60335-2-5:2015.

A draft amendment, which covers common modifications to IEC 60335-2-5:2012, was prepared by CLC/TC 61, "Safety of household and similar electrical appliances" and approved by CENELEC.

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) 2015-10-24
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2016-08-09

This document supersedes EN 60335-2-5:2003.

EN 60335-2-5:2015 includes the following significant technical changes with respect to EN 60335-2-5:2003 and its amendments:

- added requirements to 22.104 to address switch issues;
- converted notes to normative text (3.1.9, 7.12, 10.1, 10.2, 15.101, 22.6, 22.103, AA.1, AA.2, Annex BB – Clause 4);
- deleted notes (19.101, 22.6, 23.101, AA.2).

This Part 2 is to be used in conjunction with the latest edition of EN 60335-1 and its amendments. It was established on the basis of EN 60335-1:2012.

NOTE 1 When "Part 1" is mentioned in this standard, it refers to EN 60335-1.

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 dishwashers.

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", "modification" or "replacement", the relevant text of Part 1 is to be adapted accordingly.

NOTE 2 The following numbering system is used:

- subclauses, tables and figures that are numbered starting from 101 are additional to those in Part 1;
- unless notes are in a new subclause or involve notes in Part 1, they are numbered starting from 101, including those in a replaced clause or subclause;
- additional annexes are lettered AA, BB, etc.;
- clauses, subclauses, notes, tables, figures and annexes that are additional to those in the IEC standard are prefixed with the letter Z.

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NOTE 3 The following print types are used:

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

Words in **bold** in the text are defined in Clause 3. When a definition concerns an adjective, the adjective and the associated noun are also in bold.

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.

This standard covers the Principle Elements of the Safety Objectives for Electrical Equipment Designed for Use within Certain Voltage Limits (LVD - 2006/95/EC).

Endorsement notice

The text of the International Standard IEC 60335-2-5:2012 was approved by CENELEC as a European Standard with agreed common modifications.

Foreword to amendment A11

This document (EN 60335-2-5:2015/A11:2019) has been prepared by CLC/TC 61 "Safety of household and similar electrical appliances".

The following dates are fixed:

- latest date by which this document has (dop) 2020-06-06
to be implemented at national level
by publication of an identical
national standard or by endorsement
- latest date by which the national (dow) 2022-12-06
standards conflicting with this
document have to be withdrawn

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 60335-2-5:2015 (Part 2)

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.

For the relationship with EU Directive(s) see informative Annexes ZZA and ZZB, which are integral parts of this document.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association.

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European foreword to amendment A1

This document [EN 60335-2-5:2015/A1:2020] has been 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 by publication of an identical national standard or by endorsement (dop) 2021-09-11
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-03-11

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 60335-2-5:2015+A11:2019 (Part 2)

For the relationship with EU Directive see informative Annex ZZA, which is an integral part of this document.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association.

Endorsement notice

The text of the International Standard IEC 60335-2-5:2012/A1:2018 was approved by CENELEC as a European Standard.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

IEC 60335-2-5
Edition 6.0 2012-11

HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – SAFETY –

Part 2-5: Particular requirements for dishwashers

INTERPRETATION SHEET 1

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

The text of this interpretation sheet is based on the following documents:

DISH	Report on voting
61/5882/DISH	61/5894/RVDISH

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

TC 61 interpretation sheet on: Detergent composition in Table AA.1 of IEC 60335-2-5:2012

Introduction

It has been reported that Plurafac RA 43 is no longer readily available. This causes a problem when preparing the detergent specified in Table AA.1 of IEC 60335-2-5:2012.

QUESTION:

Instead of Plurafac RA 43, can polyoxyethylene 4 lauryl ether (chemical formulae $C_{14}H_{30}O_2$) be used ?

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ANSWER:

Yes. Polyoxyethylene 4 lauryl ether (chemical formulae $C_{14}H_{30}O_2$) can be used as a substitute for Plurafac RA 43 in the detergent composition detailed in Table AA.1 of IEC 60335-2-5:2012.

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