



SLOVENSKI STANDARD
SIST EN 60335-2-41:2003/A2:2011
01-marec-2011

Gospodinski in podobni električni aparati - Varnost - 2-41. del: Posebne zahteve za črpalke - Dodatek A2

Household and similar electrical appliances - Safety -- Part 2-41: Particular requirements for pumps

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke -- Teil 2-41: Besondere Anforderungen für Pumpen

Appareils électrodomestiques et analogues - Sécurité -- Partie 2-41: Règles particulières pour les pompes

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Ta slovenski standard je istoveten z: EN 60335-2-41:2003/A2:2010

ICS:

13.120	Varnost na domu	Domestic safety
23.080	Črpalke	Pumps

SIST EN 60335-2-41:2003/A2:2011 **en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60335-2-41/A2

February 2010

ICS 13.120; 23.080; 97.180

English version

**Household and similar electrical appliances -
Safety -
Part 2-41: Particular requirements for pumps
(IEC 60335-2-41:2002/A2:2009)**

Appareils électrodomestiques
et analogues -
Sécurité -
Partie 2-41: Règles particulières
pour les pompes
(CEI 60335-2-41:2002/A2:2009)

Sicherheit elektrischer Geräte
für den Hausgebrauch
und ähnliche Zwecke -
Teil 2-41: Besondere Anforderungen
für Pumpen
(IEC 60335-2-41:2002/A2:2009)

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This amendment A2 modifies the European Standard EN 60335-2-41:2003; it was approved by CENELEC on 2010-02-01. 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 Central Secretariat or to any CENELEC member.

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 Central Secretariat has the same status as the official versions.

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, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

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

Central Secretariat: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 61/3872/FDIS, future amendment 2 to IEC 60335-2-41:2002, prepared by IEC Technical Committee 61, Safety of household and similar electrical appliances, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A2 to EN 60335-2-41:2003 on 2010-02-01.

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

The following dates are applicable:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2010-11-01
- date on which national standards conflicting with the amendment have to be withdrawn (dow) 2015-02-01

This amendment supplements or modifies the corresponding clauses of EN 60335-2-41:2003.

There are no special national conditions causing a deviation from this amendment.

There are no national deviations from this amendment.

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Endorsement notice

The text of amendment 2:2009 to the International Standard IEC 60335-2-41:2002 was approved by CENELEC as an amendment to the European Standard without any modification.

SIST EN 60335-2-41:2003/A2:2011
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Bibliography

p Add the following note to EN 60335-2-41:2003:

ISO 13732-1 NOTE Harmonized as EN ISO 13732-1



IEC 60335-2-41

Edition 3.0 2009-12

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 2
AMENDEMENT 2

Household and similar electrical appliances – Safety –
Part 2-41: Particular requirements for pumps

Appareils électrodomestiques et analogues – Sécurité –
Partie 2-41: Règles particulières pour les pompes

INTERNATIONAL
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ICS 13.120; 23.080; 97.180

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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
61/3872/FDIS	61/3924/RVD

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 maintenance result 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.

INTRODUCTION

Replace the fifth paragraph by the following:

When a part 2 standard does not include additional requirements to cover hazards dealt with in Part 1, Part 1 applies.

NOTE 1 This means that the technical committees responsible for the part 2 standards have determined that it is not necessary to specify particular requirements for the appliance in question over and above the general requirements.

This standard is a product family standard dealing with the safety of appliances and takes precedence over horizontal and generic standards covering the same subject.

NOTE 2 Horizontal and generic standards covering a hazard are not applicable since they have been taken into consideration when developing the general and particular requirements for the IEC 60335 series of standards. For example, in the case of temperature requirements for surfaces on many appliances, generic standards, such as ISO 13732-1 for hot surfaces, are not applicable in addition to part 1 or part 2 standards.

1 Scope

Replace the two dashed items in the fourth paragraph by the following:

- persons (including children) whose
 - physical, sensory or mental capabilities; or

- lack of experience and knowledge prevents them from using the appliance safely without supervision or instruction;
- children playing with the appliance.

25 Supply connection and external flexible cords

25.8 Add the following new paragraph to the addition:

The **supply cord** of **submersible pumps**, other than **class III pumps**, aquarium pumps and table fountain pumps, shall have a length of at least 3 m in excess of the maximum operating depth marked on the pump.

30 Resistance to heat and fire

Replace the text by the following:

This clause of Part 1 is applicable except as follows.

30.2 *Modification:*

For all pumps, 30.2.2 is not applicable. In addition, 30.2.3 is not applicable to **submersible pumps** if their **live parts** are completely contained within an enclosure of metal or porcelain and the instructions state that the pump shall be supplied through a residual current device (RCD) having a rated residual operating current not exceeding 30 mA.

Bibliography

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Add the following new reference:

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ISO 13732-1, *Ergonomics of the thermal environment – Methods for the assessment of human responses to contact with surfaces – Part 1: Hot surfaces*
