



SLOVENSKI STANDARD
SIST EN 60335-2-86:2003/A2:2016
01-april-2016

Gospodinski in podobni električni aparati - Varnost - 2-86. del: Posebne zahteve za električne ribiške stroje - Dopolnilo A2

Household and similar electrical appliances - Safety - Part 2-86: Particular requirements for electric fishing machines

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke - Teil 2-86: Besondere Anforderungen für elektrische Fischereigeräte

Appareils électrodomestiques et analogues - Sécurité - Partie 2-86: Règles particulières pour les équipements électriques de pêche

[https://standards.iteh.ai/catalog/standards/sist/0fc90dc2-7e42-4fee-b166-](https://standards.iteh.ai/catalog/standards/sist/0fc90dc2-7e42-4fee-b166-c6a084cea5bc/sist-en-60335-2-86-2003-a2-2016)

Ta slovenski standard je istoveten z: EN 60335-2-86:2003/A2:2016

ICS:

65.150 Ribolov in ribogojstvo Fishing and fish breeding

SIST EN 60335-2-86:2003/A2:2016 en

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EUROPEAN STANDARD

EN 60335-2-86:2003/A2

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2016

ICS 65.150

English Version

Household and similar electrical appliances - Safety - Part 2-86:
Particular requirements for electric fishing machines
(IEC 60335-2-86:2002/A2:2012)

Appareils électrodomestiques et analogues - Sécurité -
Partie 2-86: Règles particulières pour les équipements
électriques de pêche
(IEC 60335-2-86:2002/A2:2012)

Sicherheit elektrischer Geräte für den Hausgebrauch und
ähnliche Zwecke - Teil 2-86: Besondere Anforderungen für
elektrische Fischereigeräte
(IEC 60335-2-86:2002/A2:2012)

This amendment A2 modifies the European Standard EN 60335-2-86:2003; it was approved by CENELEC on 2012-11-29. 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.

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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.

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[https://standards.iteh.ai/catalog/standards/sist/0fc90dc2-7e42-4fee-b166-](https://standards.iteh.ai/catalog/standards/sist/0fc90dc2-7e42-4fee-b166-60335-2-86:2003/A2:2016)

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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

EN 60335-2-86:2003/A2:2016 (E)

European foreword

The text of document 61H/270/CDV, future edition 1 of IEC 60335-2-86:2002/A2, prepared by SC 61H, "Safety of electrically-operated farm appliances", of IEC TC 61, "Safety of household and similar electrical appliances" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60335-2-86:2003/A2:2013.

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) 2016-08-19
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-02-19

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).

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Endorsement notice

The text of the International Standard IEC 60335-2-86:2002/A2:2012 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

In Annex ZC of EN 60335-2-86:2003, replace IEC 61558-2-4:1997 by:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61558-2-4	-	Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V - Part 2-4: Particular requirements and tests for isolating transformers and power supply units incorporating isolating transformers	EN 61558-2-4	-

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IEC 60335-2-86

Edition 2.0 2012-10

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 2
AMENDEMENT 2

Household and similar electrical appliances – Safety –
Part 2-86: Particular requirements for electric fishing machines

Appareils électrodomestiques et analogues – Sécurité –
Partie 2-86: Règles particulières pour les équipements électriques de pêche

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FOREWORD

This amendment has been prepared by subcommittee 61H: Safety of electrically-operated farm appliances, of IEC technical committee 61: Safety of household and similar electrical appliances.

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

CDV	Report on voting
61H/270/CDV	61H/278/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 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.

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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.

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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 but not the clause number, by the following:

Terms and definitions

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

Add the following to Note 103:

- shark deterrent devices that are carried by the user.

2 Normative references

Replace the reference to IEC 61558-2-4 by the following:

IEC 61558-2-4, *Safety of transformers, reactors, power supply units and similar products for supply voltages up to 1 100 V – Part 2-4: Particular requirements and tests for isolating transformers and power supply units incorporating isolating transformers*

3 Definitions

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

Terms and definitions

3.103 Add the following new note and renumber the existing note as Note 1.

NOTE 2 This does not preclude the return **electrode** being held by the user.

7 Marking and instructions

7.1 In the fourth dashed item, replace “symbol 1641 of ISO 7000” by “symbol ISO 7000-0790 (2004-01)”.

7.6 Delete the “dangerous voltage” symbol and associated text.

Replace “[symbol 5017 of IEC 60417]” by “[symbol IEC 60417-5017 (2006-08)]”.

7.8 Replace the text of the addition by the following:

For **battery-operated electric fishing machines**, the supply terminals for connection of the battery shall be clearly indicated by symbol IEC 60417-5005 (2002-10) if of positive polarity, and by symbol IEC 60417-5006 (2002-10) if of negative polarity, unless the polarity is irrelevant.

7.12 Replace the last paragraph by the following:

If symbol IEC 60417-5017 (2006-08), symbol IEC 60417-5036 (2002-10) or symbol ISO 7000-0790 (2004-01) are marked on the appliance, their meaning shall be explained.

7.15 Replace the subclause number by **7.14**.

Replace the last paragraph by the following:

Symbol IEC 60417-5017 (2006-08), symbol IEC 60417-5036 (2002-10) and symbol ISO 7000-0790 (2004-01) shall have a height of at least 25 mm.