
Električni pribor - Kabelski bobni za gospodinske in podobne namene (IEC 61242:1995/A2:2015)

Electrical accessories - Cable reels for household and similar purposes (IEC 61242:1995/A2:2015)

Elektrisches Installationsmaterial - Leitungsroller für den Hausgebrauch und ähnliche Zwecke (IEC 61242:1995/A2:2015)

Petit appareillage électrique - Cordons prolongateurs enroulés sur tambour pour usages domestiques et analogues (IEC 61242:1995/A2:2015)

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Ta slovenski standard je istoveten z: EN 61242:1997/A2:2016

ICS:

29.120.99	Druga električna dodatna oprema	Other electrical accessories
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55.060	Tulci. Vretena	Spools. Bobbins
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SIST EN 61242:1997/A2:2016

en,fr,de

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EUROPEAN STANDARD

EN 61242:1997/A2

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2016

ICS 29.060; 29.120.99

English Version

**Electrical accessories - Cable reels for household and similar purposes
(IEC 61242:1995/A2:2015)**

Petit appareillage électrique - Cordons prolongateurs enroulés sur tambour pour usages domestiques et analogues
(IEC 61242:1995/A2:2015)

Elektrisches Installationsmaterial - Leitungsroller für den Hausgebrauch und ähnliche Zwecke
(IEC 61242:1995/A2:2015)

This amendment A2 modifies the European Standard EN 61242:1997; it was approved by CENELEC on 2015-12-03. 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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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 61242:1997/A2:2016**European foreword**

The text of document 23B/1166/CDV, future IEC 61242:1995/A2, prepared by SC 23B "Plugs, socket-outlets and switches", of IEC/TC 23 "Electrical accessories" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61242:1997/A2:2016.

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) 2016-09-03
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-12-03

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

<https://standards.iteh.ai/catalog/standards/sist/336104fa-f805-49b3-99d1-5fa8070b7cca/sist-en-61242-1997-a2-2016>

The text of the International Standard IEC 61242:1995/A2:2015 was approved by CENELEC as a European Standard without any modification.



IEC 61242

Edition 1.0 2015-10

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 2
AMENDEMENT 2

Electrical accessories – Cable reels for household and similar purposes

**Petit appareillage électrique – Cordons prolongateurs enroulés sur tambour
pour usages domestiques et analogues**

<https://standards.iteh.ai/catalog/standards/sist/336104fa-f805-49f3-99d1-5fa8070b7cca/sist-en-61242-1997-a2-2016>

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FOREWORD

This amendment has been prepared by subcommittee 23B: Plugs, socket-outlets and switches, of IEC technical committee 23: Electrical accessories.

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

CDV	Report on voting
23B/1166/CDV	23B/1186A/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 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
- amended.

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1 Scope

Replace the last but one paragraph, added by Amendment 1, by:

Cable reels complying with this standard should be suitable for use at ambient temperatures not normally exceeding +40 °C, but their average over a period of 24 h does not exceed +35 °C, with a lower limit of the ambient air temperature of –5 °C.

3 Definitions

3.24 *Add the following note and source to the existing definition added by Amendment 1:*

NOTE The term “plug” covers plugs and fused plugs. The term “socket-outlet” covers also socket-outlet with incorporated components such as switches and fuses etc.

[SOURCE: IEC 60884-2-7:2011/AMD1:2013, 3.12]

6 Classification

6.5 *Replace the existing text, added by Amendment 1, by the following new text:*

The degree of protection against harmful effects due to the ingress of water as described in IEC 60529.

7 Marking

7.1 *Delete the Note.*

7.2 *Replace the last two dashed items of the list by:*

Degree of protection, when relevantIPXX

Add in Note 3 “first” before the word “letter”.

11 Flexible cables and their connection

11.1 *Replace the existing second paragraph, added by Amendment 1, by the following new paragraph:*

Detachable flexible cable shall be a cord extension set according IEC 60884-2-7 and comply with the relevant national standard taking into account other requirements of Clause 11 of this standard.

13 Components

13.1 *Add after the third paragraph, added by Amendment 1, the following paragraph:*

Components according to IEC 60730-2-9 shall be of Type 1.D, 2.D, 1.E or 2.E.

20 Temperature rise under overload condition

20.1 *Add after the first paragraph, added by Amendment 1, the following paragraph:*

Where it is impossible to check the cut-out point of the protective means without rendering it inoperable, the current within the circuit is increased in 0,5 A steps, waiting for thermal stability between each increase. The current shall continue to be increased in this way until either the thermal cut-out operates or the temperatures exceed the limits specified, whichever occurs first.

23 Screws, current-carrying parts and connections

23.5 *Replace the last paragraph by, added by Amendment 1, the following paragraphs:*

NOTE 1 Examples of suitable metals, when used within the permissible temperature range and under normal conditions of chemical pollution, are as follows:

- copper;
- an alloy containing at least 58 % copper for parts made from cold-rolled sheet or at least 50 % copper for other parts;
- stainless steel containing at least 13 % chromium and not more than 0,09 % carbon;
- steel provided with an electroplated coating of zinc according to ISO 2081, the coating having a thickness of at least
 - 5 µm, service condition ISO no. 1, for accessories classified IP code IPX0;
 - 12 µm, service condition ISO no. 2, for accessories classified IP code IPX4;
 - 25 µm, service condition ISO no. 3, for accessories classified IP code IPX5 and IPX6;
- steel provided with an electroplated coating of nickel and chromium according to ISO 1456, the coating having a thickness of at least
 - 20 µm, service condition ISO no. 2, for accessories classified IP code IPX0;
 - 30 µm, service condition ISO no. 3, for accessories classified IP code IPX4;
 - 40 µm, service condition ISO no. 4, for accessories classified IP code IPX5 and IPX6;
- steel provided with an electroplated coating of tin according to ISO 2093, the coating having a thickness of at least
 - 12 µm, service condition ISO no. 2, for accessories classified IP code IPX0;
 - 20 µm, service condition ISO no. 3, for accessories classified IP code IPX4;
 - 30 µm, service condition ISO no. 4, for accessories classified IP code IPX5 and IPX6.

Current-carrying parts which may be subjected to mechanical wear shall not be made of steel provided with an electroplated coating.

Under moist conditions, metals showing a great difference of electrochemical potential with respect to each other shall not be used in contact with each other.

Compliance is checked by a test which is under consideration.

NOTE 2 The requirement of this subclause does not apply to screws, nuts, washers, clamping plates and similar parts of terminals.

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