

SLOVENSKI STANDARD
SIST EN 61995-1:2008/A1:2017
01-oktober-2017

**Elementi za priključitev svetilk za gospodinjstva in podobne namene - 1. del:
Splošne zahteve (IEC 61995-1:2005/A1:2016)**

Devices for the connection of luminaires for household and similar purposes – Part 1:
General requirements (IEC 61995-1:2005/A1:2016)

Betriebsmittel für den Anschluss von Leuchten für Haushalt und ähnliche Zwecke - Teil
1: Allgemeine Anforderungen (IEC 61995-1:2005/A1:2016)

Dispositifs de connexion pour luminaires pour usage domestique et analogue - Partie 1:
Exigences générales (IEC 61995-1:2005/A1:2016)

<https://standards.iteh.ai/catalog/standards/sist/35f2906b-561f-494a-aa5f-c23111c340c8/sist-en-61995-1-2008-a1-2017>

Ta slovenski standard je istoveten z: EN 61995-1:2008/A1:2017

ICS:

29.120.20	Spojni elementi	Connecting devices
29.140.40	Svetila	Luminaires

SIST EN 61995-1:2008/A1:2017 **en,fr,de**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61995-1:2008/A1

April 2017

ICS 29.120.20; 29.140.40

English Version

**Devices for the connection of luminaires for household and similar purposes - Part 1: General requirements
(IEC 61995-1:2005/A1:2016)**

Dispositifs de connexion pour luminaires pour usage domestique et analogue - Partie 1: Exigences générales
(IEC 61995-1:2005/A1:2016)

Betriebsmittel für den Anschluss von Leuchten für Haushalt und ähnliche Zwecke - Teil 1: Allgemeine Anforderungen
(IEC 61995-1:2005/A1:2016)

This amendment A1 modifies the European Standard EN 61995-1:2008; it was approved by CENELEC on 2016-06-30. 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.

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 61995-1:2008/A1:2017](http://standards.cenelec.eu)

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

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EN 61995-1:2008/A1:2017**European foreword**

The text of document 23B/1208/FDIS, future IEC 61995-1:2005/A1, 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 61995-1:2008/A1:2017.

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) 2017-10-21
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-04-21

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Endorsement notice

The text of the International Standard IEC 61995-1:2005/A1:2016 was approved by CENELEC as a European Standard without any modification.



IEC 61995-1

Edition 1.0 2016-05

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

**Devices for the connection of luminaires for household and similar purposes –
Part 1: General requirements**

**Dispositifs de connexion pour luminaires pour usage domestique et analogue –
Partie 1: Exigences générales**

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ICS 29.120.20, 29.140.40

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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:

FDIS	Report on voting
23B/1208/FDIS	23B/1212/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 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 first two paragraphs with the following new paragraphs:

This part of IEC 61995 applies to devices for the connection of luminaires (DCL) intended for household and similar purposes, for the electrical connection of fixed luminaires of class I or class II to final circuits rated at not more than 16 A without providing a mechanical support for the luminaire. DCLs are intended for use according to their IP rating as specified in IEC 60529.

Outlets have an earthing contact and a rated current of 6 A. Plugs have a rated current of 6 A.

3 Terms and definitions

Insert, between 3.6 and 3.7, the following new entry 3.20:

3.20

DCL temporary lampholder

independent lampholder designed in order to be temporarily connected to a DCL outlet, in compliance with the corresponding standards, and provided with a DCL rewirable plug (2P + E) for future connection of a luminaire

8.1

Replace NOTE 1 with the following new paragraph:

The additional markings shall be put on the DCL outlet. In addition, they can be given on the packaging unit and/or in an instruction sheet which accompanies the DCL outlet.

Replace "NOTE 2" with "NOTE".

8.2

Replace the NOTE with the following new paragraph:

The additional markings shall be put either on the DCL plug or on the packaging unit, and/or given in an instruction sheet which accompanies the DCL plug.

11.4

Replace the second paragraph with the following new paragraph:

"Compliance is checked by the following test after the tests of Clauses 18 and 19:"

Replace the third paragraph with the following new paragraph::

A current derived from an a.c. source having a no-load voltage not exceeding 12 V and equal to 1,5 times rated current is passed between the earthing terminal and each of the accessible metal parts in turn, and for DCLs with earthing contacts between the DCL outlet earthing terminal and the DCL plug earthing terminal.

12.1 General

Replace Table 1 with the following new table:

SIST EN 61995-1:2008/A1:2017
<https://standards.iteh.ai/catalog/standards/sist/35f2906b-561f-494a-aa5f-c23111c9-40c6/sist-en-61995-1-2008-a1-2017>
Table 1 – Connection of copper conductors

Accessory		Terminal	Rigid (solid & stranded conductors) ^a	Flexible conductors
DCL outlet	Floating	Line, neutral and earth terminals	From 1 × 1,0 mm ² up to 2 × 2,5 mm ² inclusive	From 1 × 1,0 mm ² up to 2 × 2,5 mm ² inclusive
	Fixed	Line, neutral and earth terminals	From 1 × 1,0 mm ² up to 2 × 2,5 mm ² inclusive	From 1 × 1,0 mm ² up to 2 × 2,5 mm ² inclusive
		Loop terminal (when fitted)	From 2 × 1,0 mm ² up to 2 × 2,5 mm ² inclusive	From 2 × 1,0 mm ² up to 2 × 2,5 mm ² inclusive
DCL plug		Line, neutral and earth terminals (when fitted)	From 1 × 0,5 mm ² up to 1 × 1,5 mm ² inclusive	From 1 × 0,5 mm ² up to 1 × 1,5 mm ² inclusive
NOTE 1 In the following countries, only loop terminals able to connect 3 × 2,5 mm ² conductors are allowed: GB.				
NOTE 2 In the following countries, DCL outlet terminals able to connect conductors up to 2 × 1,5 mm ² maximum are also allowed: FR				
^a The use of flexible conductors of the same cross sectional area is permitted.				

13.6.2

Add, in Table 9, first column, last row, the words "and clearances" after "creepage distances".

20 Force necessary to insert and withdraw the plug

Replace the existing text with the following new text:

The construction of DCLs shall allow the easy insertion and withdrawal of the plug, but prevent the inadvertent disengagement of plug and outlet in normal use.

Compliance is checked by the following test:

A previously untested specimen of the DCL plug and DCL outlet and a specimen having previously completed the tests of Clause 19 are tested.

All pins are wiped free from grease before use.

Each DCL outlet is fixed to a suitable flat surface.

Each DCL plug, in turn, is inserted and withdrawn from each DCL outlet without the effect of any locking means and the force required to perform each movement is measured.

The force required to insert or withdraw the plug shall not exceed 50 N.

At a force of 2 N the plug shall not come out.

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