

BS EN 61995-2:2009+A1:2017



BSI Standards Publication

Devices for the connection of luminaires for household and similar purposes —

Part 2: Standard sheets for DCL
(IEC 61995-2:2009)

National foreword

This British Standard is the UK implementation of EN 61995-2:2009+A1:2017. It is identical to IEC 61995-2:2009, incorporating amendment 1:2016. It supersedes BS EN 61995-2:2009 which will be withdrawn on 10 February 2020.

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 A_1 A_1 .

The UK participation in its preparation was entrusted to Technical Committee PEL/23, Electrical accessories.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Published by BSI Standards Limited 2017

ISBN 978 0 580 84073 9

ICS 29.120.20; 29.140.40

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 January 2010.

Amendments/corrigenda issued since publication

Date	Text affected
31 March 2017	Implementation of IEC amendment 1:2016 with CENELEC endorsement A1:2017

English version

**Devices for the connection of luminaires
for household and similar purposes -
Part 2: Standard sheets for DCL
(IEC 61995-2:2009)**

Dispositifs de connexion pour luminaires
pour usage domestique et analogue -
Partie 2: Feuilles de norme pour DCL
(CEI 61995-2:2009)

Betriebsmittel für den Anschluss
von Leuchten für Haushalt
und ähnliche Zwecke -
Teil 2: Normblätter für Betriebsmittel
zum Anschluss einer Leuchte
(IEC 61995-2:2009)

This European Standard was approved by CENELEC on 2009-04-01. 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 Central Secretariat or to any CENELEC member.

This European Standard 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, 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 23B/919/FDIS, future edition 1 of IEC 61995-2, prepared by SC 23B, Plugs, socket-outlets and switches, of IEC TC 23, Electrical accessories, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61995-2 on 2009-04-01.

This European Standard is to be read in conjunction with EN 61995-1.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2010-01-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2019-04-01

Annexes ZA and ZB have been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61995-2:2009 was approved by CENELEC as a European Standard without any modification.

Foreword to amendment A1

The text of document 23B/1207/FDIS, future IEC 61995-2:2009/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 61995-2:2009/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) 2017-08-10
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-02-10

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 document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of this document.

Endorsement notice

The text of the International Standard IEC 61995-2:2009/A1:2016 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 referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61995-1 (mod)	2005	Devices for the connection of luminaires for household and similar purposes - Part 1: General requirements	EN 61995-1	2008

Annex ZB (normative)

Special national conditions

Special national condition: National characteristic or practice that cannot be changed even over a long period, e.g. climatic conditions, electrical earthing conditions.

NOTE If it affects harmonization, it forms part of the European Standard.

For the countries in which the relevant special national conditions apply these provisions are normative, for other countries they are informative.

<u>Clause</u>	<u>Special national condition</u>
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4	Finland
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Figure 1	DCL outlets shall be provided with a hook.
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Annex ZZ
(informative)

Relationship between this European Standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered

This European Standard has been prepared under a Commission’s standardization request relating to harmonized standards in the field of the Low Voltage Directive “M/511” / ”Ref. Ares(2012) 1359213” to provide one voluntary means of conforming to safety objectives of Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonization of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits [2014 OJ L96].

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZ.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding safety objectives of that Directive, and associated EFTA regulations.

Table ZZ.1 – Correspondence between this European Standard and Annex I of Directive 2014/35/EU [2014 OJ L96]

Safety objectives of Directive 2014/35/EU	Clause(s) / sub-clause(s) of this EN	Remarks / Notes
All	All clauses of EN 61995-1 and Clause 4	---

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

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DEVICES FOR THE CONNECTION OF LUMINAIRES FOR HOUSEHOLD AND SIMILAR PURPOSES –

Part 2: Standard sheets for DCL

1 Scope

This part of IEC 61995, which is to be read in conjunction with IEC 61995-1, applies to devices for the connection of luminaires (DCL) 250 V, 6 A a.c. intended for household and similar purposes, for the electrical connection to final circuits rated not more than 16 A, without providing mechanical support for the luminaire.

2 Normative references

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

IEC 61995-1:2005, *Devices for the connection of luminaires for household and similar purposes – Part 1: General requirements*

3 Requirements and tests

A1 Devices for the connection of luminaires shall comply with all the relevant requirements of IEC 61995-1. In particular,

- devices for the connection of luminaires classified according to IEC 61995-1:2016, 7.1 a) shall comply with the relevant standard sheets of this part of IEC 61995;
- these devices require provision of information in accordance with IEC 61995-1:2016, 8.3;
- these devices shall comply with IEC 61995-1:2016, Clause 20 with the following modification.

Addition of the following new paragraph:

In addition, the force required to withdraw the plug with its enabled locking means shall not be less than 10 N.

NOTE In the following country the withdrawal force with the locking means enabled shall not exceed 50 N: NO, SE **A1**

4 Standard sheets

This part contains the following Standard Sheets:

Standard Sheet 1-1: DCL outlet, 6 A 250 V a.c. 2 P + E

Standard Sheet 1-2: DCL plug, 6 A 250 V a.c. 2 P + E

Standard Sheet 1-3: DCL plug, 6 A 250 V a.c. 2 P

Standard sheet 1-4: Gauge for testing DCL plug functions

This part of IEC 61995 contains also an example of the use of the above DCL inserted in a flush type box in a ceiling (see Figure 1).