



SLOVENSKI STANDARD
SIST EN 61184:2008/A1:2011
01-september-2011

Bajonetni okovi za žarnice in sijalke

Bayonet lampholders

Bajonett-Lampenfassungen

Douilles à baïonnette

iTeh STANDARD PREVIEW
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Ta slovenski standard je istoveten z: EN 61184:2008/A1:2011

[SIST EN 61184:2008/A1:2011](https://standards.iteh.ai/catalog/standards/sist/73cb8d79-f98e-4039-9456-8f7d9c51746a/sist-en-61184-2008-a1-2011)

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ICS:

29.140.10 Grla in držala žarnic Lamp caps and holders

SIST EN 61184:2008/A1:2011 **en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61184/A1

May 2011

ICS 29.140.10

English version

Bayonet lampholders
(IEC 61184:2008/A1:2011)

Douilles à baïonnette
(CEI 61184:2008/A1:2011)

Bajonett-Lampenfassungen
(IEC 61184:2008/A1:2011)

This amendment A1 modifies the European Standard EN 61184:2008; it was approved by CENELEC on 2011-05-25. 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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of document 34B/1587/FDIS, future amendment 1 to IEC 61184:2008, prepared by SC 34B, Lamp caps and holders, of IEC TC 34, Lamps and related equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 61184:2008 on 2011-05-25.

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 were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2012-02-25
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2014-05-25

Endorsement notice

The text of amendment 1:2011 to the International Standard IEC 61184:2008 was approved by CENELEC as an amendment to the European Standard without any modification.

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IEC 61184

Edition 3.0 2011-04

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

Bayonet lampholders **STANDARD PREVIEW**
Douilles à baïonnette **(standards.iteh.ai)**

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ICS 29.140.10

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FOREWORD

This amendment has been prepared by subcommittee 34B: Lamp caps and holders, of IEC technical committee 34: Lamps and related equipment.

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

FDIS	Report on voting
34B/1587/FDIS	34B/1599/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 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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1 General

SIST EN 61184:2008/A1:2011
<https://standards.iteh.ai/catalog/standards/sist/73cb8d79-f98e-4039-9456-8f7d9c51746a/sist-en-61184-2008-a1-2011>

1.1 Scope

Replace, in the penultimate sentence, B15 by B15d.

Replace, in the last sentence, B22 by B22d.

2 Terms and definitions

Add the following two new definitions:

2.25

enclosed reinforced insulated lampholder

lampholder for building-in, so designed that on its own it fulfils the requirements for double or reinforced insulated parts in class II applications

2.26

partly reinforced insulated lampholder

lampholder for building-in, so designed that some parts of the lampholder require additional means to fulfil the requirements with regard to double or reinforced insulation

NOTE In some cases, the dimensions might be achieved only after mounting into the luminaire.

5 Standard ratings

5.2 Standard rated currents

Replace, in the first dashed item, B15 by B15d.

Replace, in the second dashed item, B22 by B22d.

6 Classification

Replace the existing Subclause 6.5 by the following:

6.5 According to protection against electric shock:

- unenclosed lampholders;
- enclosed lampholders;
- independent lampholders;
- partly reinforced insulated lampholders;
- enclosed reinforced insulated lampholders.

NOTE Where a lampholder is used with a working voltage of 50 % or less of its maximum rating, it may be regarded as equivalent to a reinforced insulated lampholder.

7 Marking

Replace, in Subclause 7.1, the third paragraph (“Lampholders complying with the...”), the following note and the last paragraph by the following new text:

Enclosed reinforced insulated lampholders offer an adequate level of protection for use in luminaires where they are accessible in normal use. This information shall be indicated in the manufacturer’s catalogue or the like.

For partly reinforced insulated lampholders, sufficient creepage distances and clearances to outer accessible surfaces will require additional protection to some parts of the lampholder by the luminaire design or by use of additional attachment(s) or cover(s). This information shall be indicated in the manufacturer’s catalogue or the like.

Replace the note of the 6th dashed item in Subclause 7.1 with the following new note:

NOTE Available technical documentation of the manufacturer like printed catalogues or online catalogues should allow a clear identification of a lampholder either by a unique catalogue number or by an identifying reference on the holder, specifying the essential characteristic features and the basic design of the product supplemented by a clear description. Variations of the basic design like for example different cable length, fixing means, colours etc., which do not affect safety or performance of the lampholder, may be disregarded in the type reference marked on the product. Variations included in the type testing procedure are listed in the corresponding test reports.

8 Dimensions

Replace, in the first dashed item of Subclause 8.2, B15 by B15d.

Replace, in the second dashed item of Subclause 8.2, B22 by B22d.

Table 2 – Minimum dimensions of pillar type terminals

Replace, in the first column of the table, B15 by B15d and B22 by B22d.

12 Construction

Replace, in the second sentence of Subclause 12.1, B15 by B15d and B22 by B22d.

14 Moisture resistance, insulation resistance and electrical strength

Replace, in 14.3, the 8th paragraph (“Immediately after the insulation resistance...”) by the following new paragraph:

Immediately after the insulation resistance test, an a. c. voltage of substantially sine wave form, with a frequency of 50 Hz or 60 Hz and with an r. m. s. value of $(2 U + 1\,000)$ V (where U is the rated voltage) is applied for 1 min between the points prescribed. For enclosed and unenclosed reinforced insulated lampholders, the test voltage shall be determined from Table 10.2 of IEC 60598-1. Additionally, for switched lampholders, this voltage shall be applied between live parts of different polarity and other metal parts with the switch both closed and open.

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Table 6 – Maximum deformation values

Replace, in the first column of the table, B15 by B15d and B22 by B22d.

Table 8 – Minimum distances for a. c. (50/60 Hz) sinusoidal voltages – Impulse withstand category II

Replace the existing table by the following:

Rated voltage 250 V	Distances mm																		
<p>Between live parts of different polarity ^a, and</p> <p>Between live parts and external metal parts, if not covered with insulating material: (this includes screws of backplate lampholders) ^b</p> <p>Basic insulation</p> <ul style="list-style-type: none"> - Creepage distances <table style="margin-left: 20px;"> <tr> <td style="padding-right: 20px;">insulation</td> <td>PTI ^a ≥ 600</td> <td style="text-align: right;">1,5 ^f</td> </tr> <tr> <td></td> <td>PTI ^a < 600</td> <td style="text-align: right;">2,5</td> </tr> </table> - Clearances ^d <table style="margin-left: 20px;"> <tr> <td></td> <td></td> <td style="text-align: right;">1,5 ^f</td> </tr> </table> <p>Reinforced insulation</p> <ul style="list-style-type: none"> - Creepage distances <table style="margin-left: 20px;"> <tr> <td style="padding-right: 20px;">insulation</td> <td>PTI ^a ≥ 600</td> <td style="text-align: right;">3</td> </tr> <tr> <td></td> <td>PTI ^a < 600</td> <td style="text-align: right;">5</td> </tr> </table> - Clearances ^d <table style="margin-left: 20px;"> <tr> <td></td> <td></td> <td style="text-align: right;">3</td> </tr> </table> 	insulation	PTI ^a ≥ 600	1,5 ^f		PTI ^a < 600	2,5			1,5 ^f	insulation	PTI ^a ≥ 600	3		PTI ^a < 600	5			3	
insulation	PTI ^a ≥ 600	1,5 ^f																	
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		1,5 ^f																	
insulation	PTI ^a ≥ 600	3																	
	PTI ^a < 600	5																	
		3																	
<p>Clearances in case of backplate lampholders ^{c, e}</p> <ul style="list-style-type: none"> - between live parts and the mounting surface, and - between live parts and the boundary of the space for the supply wires: 	3,6																		
<p>NOTE Values for creepage distances and clearances may be found for intermediate values of working voltages by linear interpolation between tabulated values.</p>																			
<p>a PTI (proof tracking index) in accordance with IEC 60112.</p> <p>b In the case of creepage distances to parts not energized or not intended to be earthed, where no tracking can occur, the values specified for material with PTI ≥ 600 apply for all materials (irrespective of the real PTI).</p> <p>For creepage distances subjected to working voltages of less than 60 s duration, the values specified for materials with PTI ≥ 600 apply for all materials.</p> <p>c For creepage distances not liable to contamination by dust or moisture, the values specified for material with PTI ≥ 600 apply (independently of the real PTI).</p> <p>d For B15d lampholders the clearance is reduced to 1,4 mm.</p> <p>e These values take account of possible unevenness of the mounting surface.</p> <p>f For Japan, minimum distance is 1,7 mm.</p>																			