



SLOVENSKI STANDARD

SIST EN 60155:1999/A2:2007

01-september-2007

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Glow-starters for fluorescent lamps (IEC 60155:1993/A2:2006)

Glimmstarter für Leuchtstofflampen (IEC 60155:1993/A2:2006)

Interrupteurs d'amorçage à lueur pour lampes à fluorescence (starters) (IEC 60155:1993/A2:2006)

(standards.iteh.ai)

Ta slovenski standard je istoveten z: EN 60155:1995/A2:2007

<https://standards.iteh.ai/catalog/standards/sist/edd1921a-20a3-4999-b820-27d8a8ed0aa3/sist-en-60155-1999-a2-2007>

ICS:

29.140.30 0~ [|^•& } } ^ Á 3a \ ^ Ě 3a \ ^ Fluorescent lamps.
Discharge lamps

SIST EN 60155:1999/A2:2007

en,fr,de

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SIST EN 60155:1999/A2:2007

<https://standards.iteh.ai/catalog/standards/sist/edd1921a-20a3-4999-b820-27d8a8ed0aa3/sist-en-60155-1999-a2-2007>

Glow-starters for fluorescent lamps
(IEC 60155:1993/A2:2006)

Interrupteurs d'amorçage à lueur
pour lampes à fluorescence (starters)
(CEI 60155:1993/A2:2006)

Glimmstarter für Leuchtstofflampen
(IEC 60155:1993/A2:2006)

This amendment A2 modifies the European Standard EN 60155:1995; it was approved by CENELEC on 2006-12-01. 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, 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: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 34A/1174/FDIS, future amendment 2 to IEC 60155:1993, prepared by SC 34A, Lamps, of IEC TC 34, Lamps and related equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A2 to EN 60155:1995 on 2006-12-01.

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) 2007-09-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2009-12-01

Endorsement notice

The text of amendment 2:2007 to the International Standard IEC 60155:1993 was approved by CENELEC as an amendment to the European Standard without any modification.

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<https://standards.iteh.ai/catalog/standards/sist/edd1921a-20a3-4999-b820-27d8a8ed0aa3/sist-en-60155-1999-a2-2007>

Annex ZA
(normative)

**Normative references to international publications
with their corresponding European publications**

Add the following references:

| <u>Publication</u> | <u>Year</u> | <u>Title</u> | <u>EN/HD</u> | <u>Year</u> |
|--------------------|-------------|---|--------------|-------------|
| ISO 1456 | 2003 | Metallic coatings - Electrodeposited coatings of nickel plus chromium and of copper plus nickel plus chromium | - | - |
| ISO 2081 | 1986 | Metallic coatings - Electroplated coatings of zinc on iron or steel | - | - |
| ISO 2093 | 1986 | Electroplated coatings of tin - Specification and test methods | - | - |

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INTERNATIONAL STANDARD

IEC 60155

1993

AMENDMENT 2
2006-11

Amendment 2

Glow-starters for fluorescent lamps

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SIST EN 60155:1999/A2:2007

<https://standards.iteh.ai/catalog/standards/sist/edd1921a-20a3-4999-b820-27d8a8ed0aa3/sist-en-60155-1999-a2-2007>

*This **English-language** version is derived from the original **bilingual** publication by leaving out all French-language pages. Missing page numbers correspond to the French-language pages.*

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

PRICE CODE

D

For price, see current catalogue

FOREWORD

This amendment has been prepared by subcommittee 34A: Lamps, of IEC technical committee 34: Lamps and related equipment.

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

| FDIS | Report on voting |
|---------------|------------------|
| 34A/1174/FDIS | 34A/1193/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 maintenance result 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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(standards.iteh.ai)

[SIST EN 60155:1999/A2:2007](https://standards.iteh.ai/catalog/standards/sist/edd1921a-20a3-4999-b820-27d8a8ed0aa3/sist-en-60155-1999-a2-2007)

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CONTENTS

Add the titles of the new Annexes D and E:

D Starter contacts – Suitable metals

E Guide to good practice in selection of plastic materials for starter enclosures

Page 9

2 Normative references

Add the following new normative references:

ISO 1456:2003, *Metallic coatings – Electrodeposited coatings of nickel plus chromium and of copper plus nickel plus chromium*

ISO 2081:1986, *Metallic coatings – Electroplated coatings of zinc on iron or steel*

ISO 2093:1986, *Electroplated coatings of tin – Specification and test methods*

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7.9 Connections

Add the following new 2nd paragraph:

Starter contacts shall consist of a material suitable for current-carrying parts. Examples of suitable metals for current-carrying parts with regard to mechanical strength, electrical conductivity and resistance to corrosion, when used within their permissible temperature range and under normal conditions of chemical pollution, are given in Annex D.

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Add the new Annexes D and E :

Annex D (normative)

Starter contacts – Suitable metals (standards.iteh.ai)

Examples of suitable metals for current-carrying parts, referred to in Subclause 7.9, when used within the permissible temperature range and under normal conditions of chemical pollution are : <https://standards.iteh.ai/catalog/standards/sist/edd1921a-20a3-4999-b820-27d8a8ed0aa3/sist-en-60155-1999-a2-2007>

- copper or an alloy containing at least 58 % copper for parts made from rolled sheet (in cold condition) 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, with coating having a thickness of at least 5 µm ISO service condition No. 1 (for ordinary equipment);
- steel provided with an electroplated coating of nickel and chromium according to ISO 1456, the coating having a thickness of at least 20 µm ISO service condition No. 2 (for ordinary equipment);
- steel provided with an electroplated coating of tin, according to ISO 2093, the coating having a thickness of at least 12 µm ISO service condition No. 2 (for ordinary equipment);
- pure nickel (at least 99 %);
- aluminium or an alloy having a hardness of at least HB 100.