

SLOVENSKI STANDARD
SIST EN 61046:2000/A1:2001
01-marec-2001

Introduction of requirements to limit output voltage of step-down convertors to 115 % under fault conditions

Introduction of requirements to limit output voltage of step-down convertors to 115 % under fault conditions

Gleich- oder wechselstromversorgte elektronische Konverter für Glühlampen - Allgemeine und Sicherheits-Anforderungen

Convertisseurs abaisseurs électroniques alimentés en courant continu ou alternatif pour lampes à incandescence - Prescriptions générales et de sécurité

<https://standards.iteh.ai/catalog/standards/sist/b1de8fc0-e072-4557-9334-4262daf56cec/sist-en-61046-2000-a1-2001>

Ta slovenski standard je istoveten z: EN 61046:1994/A1:1996

ICS:

29.130.01	Stikalne in krmilne naprave na splošno	Switchgear and controlgear in general
29.140.99	Drugi standardi v zvezi z žarnicami	Other standards related to lamps

SIST EN 61046:2000/A1:2001 **en**

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ICS 29.140.20

Descriptors: Electronic equipment, convertors, AC-DC convertors, incandescent lamps, tungsten lamps, halogen lamps, marking, safety requirements

English version

D.C. or a.c. supplied electronic step-down convertors for filament lamps
General and safety requirements
(IEC 1046:1993/A1:1995)

Convertisseurs abaisseurs électroniques
alimentés en courant continu ou
alternatif pour lampes à incandescence
Prescriptions générales et de sécurité
(CEI 1046:1993/A1:1995)

Gleich- oder Wechselstromversorgte
elektronische Konverter für Glühlampen
Allgemeine und
Sicherheits-Anforderungen
(IEC 1046:1993/A1:1995)

This amendment A1 modifies the European Standard EN 61046:1994; it was approved by CENELEC on 1995-11-28. 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and 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 34C/307/DIS, future amendment 1 to IEC 1046:1993, prepared by SC 34C, Auxiliaries for lamps, 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 61046:1994 on 1995-11-28.

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) 1996-09-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1996-09-01

For products which have complied with EN 61046:1994 before 1996-09-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2001-09-01.

Endorsement notice

The text of amendment 1:1995 to the International Standard IEC 1046:1993 was approved by CENELEC as an amendment to the European Standard without any modification.

<https://standards.iteh.ai/catalog/standards/sist/b1de8fc0-e0722553-9334-4262da560ec/sist-en-61046-2000-a1-2001>
SIST EN 61046:2000/A1:2001

ITEH STANDARD PREVIEW
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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
1046

1993

AMENDEMENT 1
AMENDMENT 1

1995-10

Amendement 1

**Convertisseurs abaisseurs électroniques
alimentés en courant continu ou alternatif
pour lampes à incandescence –**

Prescriptions générales et de sécurité

[SIST EN 61046:2000/A1:2001](https://standards.iteh.ai/catalog/standards/sist/b1de8fc0-e072-4557-9334-4262daf56cec/sist-en-61046-2000-a1-2001)

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Amendment 1

**D.C. or a.c. supplied electronic step-down
convertors for filament lamps –**

General and safety requirements

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

B

*Pour prix, voir catalogue en vigueur
For price, see current catalogue*

FOREWORD

This amendment has been prepared by sub-committee 34C: Auxiliaries for lamps, of IEC technical committee 34: Lamps and related equipment.

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

DIS	Report on voting
34C/307/DIS	34C/335/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.

Amend the title of this standard on the cover page, the title page, and on pages 5 and 11, as follows:

Auxiliaries for lamps –

D.C. or a.c. supplied electronic step-down converters for filament lamps –

(standards.iteh.ai)

General and safety requirements

[SIST EN 61046:2000/A1:2001](https://standards.iteh.ai/catalog/standards/sist/b1de8fc0-e072-4557-9334-4262daf56cec/sist-en-61046-2000-a1-2001)

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<https://standards.iteh.ai/catalog/standards/sist/b1de8fc0-e072-4557-9334-4262daf56cec/sist-en-61046-2000-a1-2001>

3 General requirements

Replace the text of the last paragraph by the following:

In addition, independent SELV converters shall comply with the requirements of annex C. This also includes the insulation resistance, electric strength, creepage distances and clearances of the outer case.

Page 35

15 Abnormal conditions

Add the following new paragraph at the end of this clause:

Furthermore, during and at the end of the test under item b), the output voltage shall not rise to more than 115 % of the rated voltage.

Page 37

16 Fault conditions

Add, after the first paragraph, the following new paragraph:

In addition, the output voltage of the converter when operated under fault conditions shall not exceed 115 % of the rated output voltage.