

SLOVENSKI STANDARD
SIST EN 61347-2-3:2002/A2:2006
01-junij-2006

Regulatorji žarnic – 2-3. del: Posebne zahteve za izmenično napajane elektronske dušilke fluorescenčnih sijalk (IEC 61347-2-3:2000/A2:2006)

Lamp controlgear -- Part 2-3: Particular requirements for a.c. supplied electronic ballasts for fluorescent lamps

Geräte für Lampen -- Teil 2-3: Besondere Anforderungen an wechselstromversorgte elektronische Vorschaltgeräte für Leuchtstofflampen

Appareillages de lampes -- Partie 2-3: Prescriptions particulières pour les ballasts électroniques alimentés en courant alternatif pour lampes fluorescentes

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Ta slovenski standard je istoveten z: EN 61347-2-3:2001/A2:2006

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 61347-2-3:2002/A2:2006 **en**

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Lamp controlgear
Part 2-3: Particular requirements for a.c. supplied electronic ballasts
for fluorescent lamps
(IEC 61347-2-3:2000/A2:2006)

Appareillages de lampes
Partie 2-3: Prescriptions particulières
pour les ballasts électroniques
alimentés en courant alternatif
pour lampes fluorescentes
(CEI 61347-2-3:2000/A2:2006)

Geräte für Lampen
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wechselstromversorgte elektronische
Vorschaltgeräte für Leuchtstofflampen
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This amendment A2 modifies the European Standard EN 61347-2-3:2001; it was approved by CENELEC on 2006-02-01. 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 34C/707/FDIS, future amendment 2 to IEC 61347-2-3:2000, 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 A2 to EN 61347-2-3:2001 on 2006-02-01.

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) 2006-11-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2009-02-01

Endorsement notice

The text of amendment 2:2006 to the International Standard IEC 61347-2-3:2000 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC

61347-2-3

2000

AMENDEMENT 2
AMENDMENT 2
2006-01

Amendement 2

Appareillages de lampes –

Partie 2-3:

**Prescriptions particulières pour les ballasts
électroniques alimentés en courant alternatif
pour lampes fluorescentes**

[SIST EN 61347-2-3:2002/A2:2006](https://standards.itec.ai/catalog/standards/sist/dc064528-ca4d-487d-b1dd-11c761747276/sist-en-61347-2-3-2002-a2-2006)

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Amendment 2

Lamp controlgear –

Part 2-3:

**Particular requirements for a.c. supplied
electronic ballasts for fluorescent lamps**

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International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

G

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

FOREWORD

This amendment has been prepared by subcommittee 34C: Auxiliaries for 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
34C/707/FDIS	34C/715/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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Replace the title of Figure 2 by the following:

Figure 2 – Limits for capacitive leakage current of HF-operated fluorescent lamps

Page 11

3 Definitions

3.1

a.c. supplied electronic ballast

Replace, in the text of this definition, "tubular fluorescent lamps" by "fluorescent lamps".

Page 13

Delete definition 3.2 and renumber definitions 3.3 and 3.4 as 3.2 and 3.3 respectively.

Delete definitions 3.6 and 3.7 and renumber definitions 3.5, 3.8 and 3.9 as 3.4, 3.5 and 3.6.

In the new definition 3.5, replace "tubular fluorescent lamps" by "fluorescent lamps"

Page 13

4 General requirements

Replace, at the beginning of the second paragraph, AC/d.c by A.C./d.c.

Page 15

7.1 Mandatory markings

Replace the text of this subclause by the following:

In accordance with the requirements of 7.2 of IEC 61347-1, ballasts, other than integral ballasts, shall be clearly and durably marked with the following mandatory markings:

- a) items a), b), c), d), e), k) and l) of 7.1 of IEC 61347-1, together with
- b) the symbol for earthing as applicable;
- c) for controllable ballasts, the control terminals shall be identified;
- d) a declaration of the maximum working voltage (r.m.s.) according to 15.2 between
 - output terminals
 - any output terminal and earth.

Marking for each of these two values shall be in steps of 10 V when the working voltage is equal to, or less than, 500 V, and in steps of 50 V when the working voltage is higher than 500 V. The marking of maximum working voltage is referenced in two situations, the maximum between output terminals and the maximum between any output terminal and earth. It is acceptable for only the higher of these two voltages to be marked.

Marking shall be U-OUT=...V..

Page 17

11 Moisture resistance and insulation

In the note, replace 50 Hz with 50 kHz.

Page 19

15.2 *Replace “clause 15” by “Clause 16”.*

Page 25

Replace the existing Figure 2 with the following new Figure 2, composed of Figures 2a, 2b and 2c:

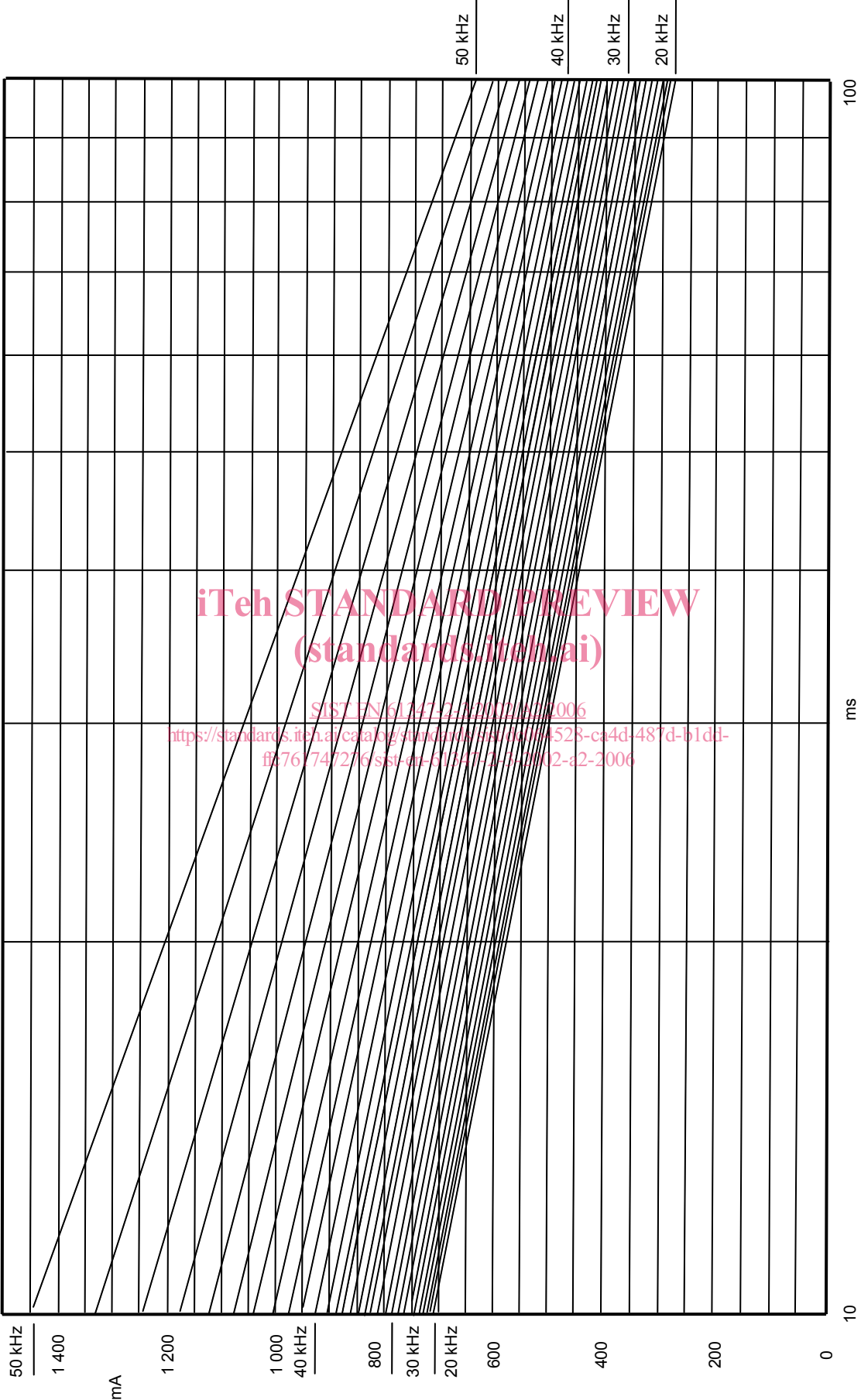
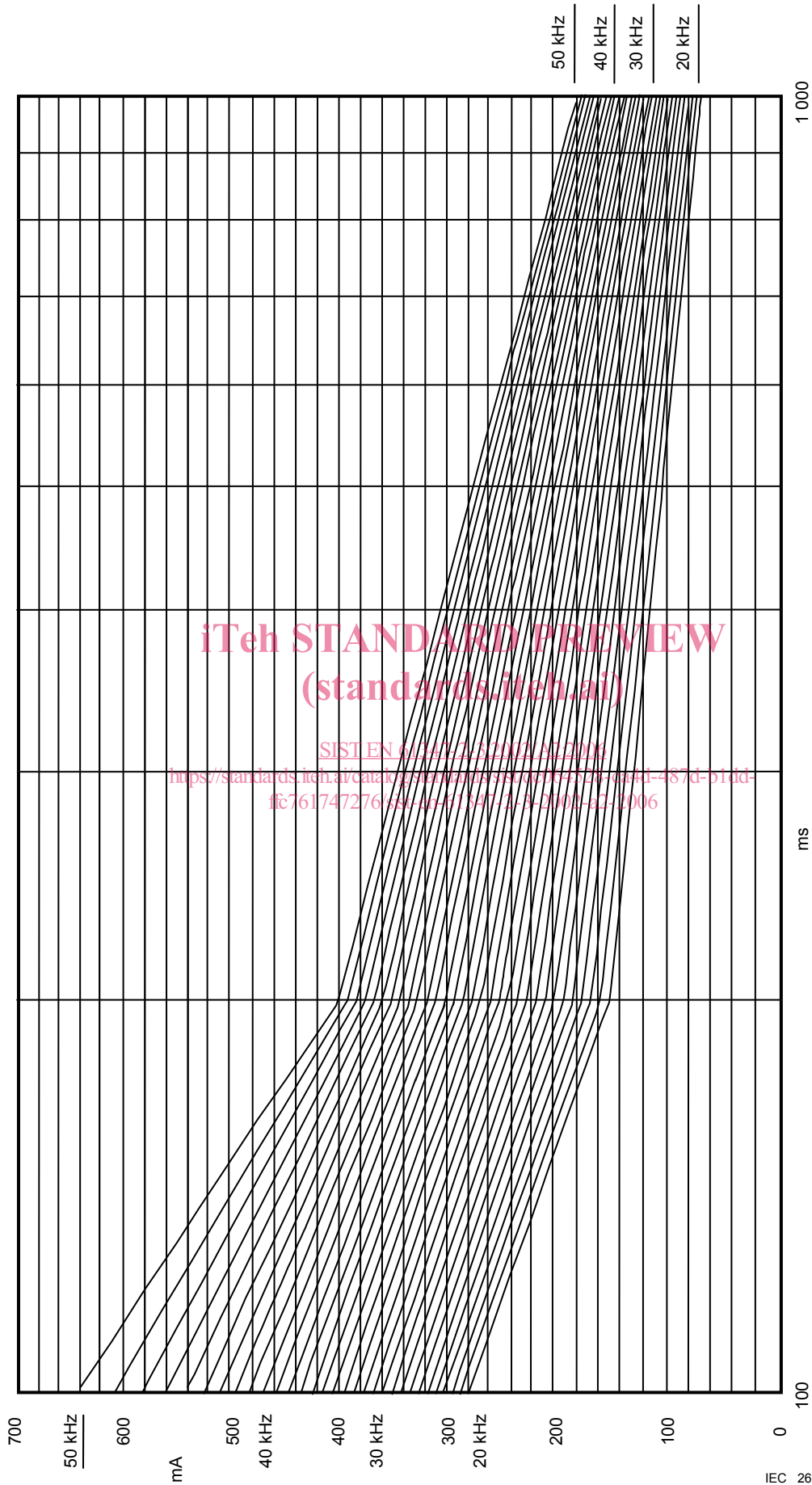


Figure 2a - Range 10 ms - 100 ms



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Figure 2b – Range 100 ms - 1 000 ms