

SLOVENSKI STANDARD
SIST EN 61347-2-2:2002/A1:2006
01-junij-2006

Regulatorji žarnic – 2-2. del: Posebne zahteve za enosmerno ali izmenično napajane elektronske prevornike za žarnice (IEC 61347-2-2:2000/A1:2005)

Lamp controlgear -- Part 2-2: Particular requirements for d.c. or a.c. supplied electronic step-down converters for filament lamps

Geräte für Lampen - Teil 2-2: Besondere Anforderungen an gleich- oder wechselstromversorgte elektronische Konverter für Glühlampen

SISTEN STANDARD PREVIEW

(standards.iteh.ai)

Appareillages de lampes -- Partie 2-2: Prescriptions particulières pour les convertisseurs abaissseurs électroniques alimentés en courant continu ou alternatif pour lampes à incandescence

<https://standards.iteh.ai/catalog/standards/sist/67ccf7ee-d2bc-4589-b25d-5677178834fe/sist-en-61347-2-2-2002-a1-2006>

Ta slovenski standard je istoveten z: **EN 61347-2-2:2001/A1:2006**

ICS:

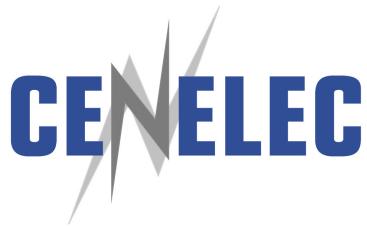
29.130.01	Stikalne in krmilne naprave na splošno	Switchgear and controlgear in general
29.140.99	Drugi standardi v zvezi z žarnicami	Other standards related to lamps

SIST EN 61347-2-2:2002/A1:2006 **en**

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Corrigendum to EN 61347-2-2:2001/A1:2006

English version

Foreword

Replace the last paragraph by:

Annex ZA has been added by CENELEC.

Add Annex ZA (see overleaf):

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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>
<i>Addition:</i>				
IEC 60384-14	2005	Fixed capacitors for use in electronic equipment Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains	EN 60384-14	2005

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

61347-2-2

2000-10

AMENDEMENT 1
AMENDMENT 1
2005-12

Amendment 1

Appareillages de lampes –

Partie 2-2:

**Prescriptions particulières pour
les convertisseurs abaisseurs électroniques
alimentés en courant continu ou alternatif
pour lampes à incandescence**

[SIST EN 61347-2-2:2002/A1:2006](#)

[https://standards.iteh.ai/catalog/standards/sist/67ccf7ee-d2bc-4589-b25d-
5677178834fe/sist-en-61347-2-2-2002-a1-2006](https://standards.iteh.ai/catalog/standards/sist/67ccf7ee-d2bc-4589-b25d-5677178834fe/sist-en-61347-2-2-2002-a1-2006)

Amendment 1

Lamp controlgear –

Part 2-2:

**Particular requirements for d.c.
or a.c. supplied electronic step-down
convertors for filament lamps**

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

D

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

Page 19

Subclause 8.2

Replace the fifth paragraph (“In the case of capacitors...”) by the following:

In the case of capacitors which are connected between SELV-equivalent output and primary circuits, one capacitor Y1 or two capacitors Y2 in series with the same value specified and tested according to Tables 2 and 3 respectively of IEC 60384-14 are to be used.

Delete the sixth paragraph (“Each capacitor shall ...”)

Page 23

16 Abnormal conditions

Add, at the end of the clause, the following new paragraphs:

After the test(s), when the convertor has returned to ambient temperature, the insulation resistance measured at approximately 500 V d.c. shall not be less than 1 MΩ.

To check whether gases liberated from the convertor are flammable or not, a test with a high frequency spark generator is made.

The temperatures on components in non-totally enclosed convertors shall not exceed their rated values.

[SIST EN 61347-2-2:2002/A1:2006](#)

Page 47 <https://standards.iteh.ai/catalog/standards/sist/67ccf7ee-d2bc-4589-b25d-5677178834fe/sist-en-61347-2-2-2002-a1-2006>

Table I.2 – Test temperature and testing time (in days) per cycle

Replace the table with the following:

Test temperature °C	Temperature rise for insulation systems ^a				
	K				
75	90	95	115	140	
220					4
210					7
200					14
190				4	
180				7	
170				14	
160			4		
150		4	7		
140		7			
130	4				
120	7				
Temporary classification assigned for the tests of I.7 only	A	E	B	F	H

^a Based on an ambient temperature of 25 °C, occasionally reaching 35 °C.

Page 49

Subclause I.7.1

Replace, in the 2nd paragraph, “short-circuit proof transformers” with “short-circuit proof convertors”.

Page 61

Subclause I.10.2

Replace the first sentence with the following:

Self-resetting protective devices shall not be used unless it is certain that there will be no hazards.

Page 63

Table I.7 – Creepage distances (cr) and clearances (cl) and distances through insulation (dti)

Replace, on page 69, Note 2 with the following:

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NOTE 2 The distance through insulation shown in brackets in item 1 of this table may be used provided that the insulation is in thin sheet form and consists of at least three layers and that, with one layer removed, the remaining layers withstand the prescribed electric strength test of I.8.3.

Additional layers may be required if serrated tape is used (see I.5.2).

For converters having a rated output power greater than 100 VA, the figures in brackets apply.

For converters having a rated output power of 25 VA up to and including 100 VA, the figures in brackets may be reduced to two-thirds of their value.

For converters having a rated output power less than 25 VA, the figure in brackets may be reduced to one-third of their value.

Smaller distances through insulation may be used if it can be shown by the tests of I.6.3 that the materials have adequate mechanical strength and are resistant to ageing.

Replace, in Note 8, “Transformers” with “Convertors”.
