

SLOVENSKI STANDARD

SIST EN 61347-2-7:2007

01-september-2007

Nadomešča:

SIST EN 61347-2-7:2002

Stikalne naprave za sijalke – 2-7. del: Posebne zahteve za enosmerno napajane elektronske predstikalne naprave za nujnostno razsvetljavo (IEC 61347-2-7:2006)

Lamp controlgear -- Part 2-7: Particular requirements for d.c. supplied electronic ballasts for emergency lighting

Geräte für Lampen -- Teil 2-7: Besondere Anforderungen an gleichstromversorgte elektronische Vorschaltgeräte für die Notbeleuchtung

Appareillages de lampes -- Partie 2-7: Exigences particulières pour les ballasts électroniques alimentés en courant continu pour l'éclairage de secours

Ta slovenski standard je istoveten z: EN 61347-2-7:2006

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

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en,fr,de

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English version

Lamp controlgear
Part 2-7: Particular requirements for d.c. supplied electronic ballasts
for emergency lighting
(IEC 61347-2-7:2006)

Appareillages de lampes
Partie 2-7: Exigences particulières
pour les ballasts électroniques alimentés
en courant continu pour l'éclairage
de secours
(CEI 61347-2-7:2006)

Geräte für Lampen
Teil 2-7: Besondere Anforderungen
an gleichstromversorgte elektronische
Vorschaltgeräte für die Notbeleuchtung
(IEC 61347-2-7:2006)

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This European Standard was approved by CENELEC on 2006-11-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 European Standard 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/754/FDIS, future edition 2 of IEC 61347-2-7, 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 EN 61347-2-7 on 2006-11-01.

This European Standard supersedes EN 61347-2-7:2001 + corrigendum July 2003.

This EN 61347-2-7:2006 provides technical updating to take account of the practical usage of this type of control gear, alignment with the safety requirements for emergency lighting luminaires (EN 60598-2-22), and advances in the field of lamp and control gear.

This standard shall be used in conjunction with EN 61347-1:2001.

In this standard, the following print types are used:

- requirements : in roman type;
- *test specifications: in italic type;*
- notes: in smaller roman type.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2007-08-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2009-11-01

Annex ZA has been added by CENELEC.

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Endorsement notice

The text of the International Standard IEC 61347-2-7:2006 was approved by CENELEC as a European Standard without any modification.

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>
IEC 60081	- ¹⁾	Double-capped fluorescent lamps - Performance specifications	EN 60081	1998 ²⁾
IEC 60598-2-22 (mod)	1997	Luminaires Part 2-22: Particular requirements - Luminaires for emergency lighting	EN 60598-2-22 + corr. December	1998 2005
IEC 60901	- ¹⁾	Single-capped fluorescent lamps - Performance specifications	EN 60901	1996 ²⁾
IEC 60921	- ¹⁾	Ballasts for tubular fluorescent lamps - Performance requirements	EN 60921	2004 ²⁾
IEC 60929	- ¹⁾	AC-supplied electronic ballasts for tubular fluorescent lamps - Performance requirements	EN 60929 + corr. December	2006 ²⁾ 2006
IEC 61347-1	- ¹⁾	Lamp controlgear Part 1: General and safety requirements	EN 61347-1 + corr. July	2001 ²⁾ 2003
IEC 61347-2-3	- ¹⁾	Lamp controlgear Part 2-3: Particular requirements for a.c. supplied electronic ballasts for fluorescent lamps	EN 61347-2-3 + corr. July	2001 ²⁾ 2003
IEC 61558-1 (mod)	1997	Safety of power transformers, power supply units and similar Part 1: General requirements and tests	EN 61558-1 ³⁾ + corr. April + A11	1997 2003 2003
IEC 61558-2-1	1997	Safety of power transformers, power supply units and similar Part 2-1: Particular requirements for separating transformers for general use	EN 61558-2-1	1997

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

³⁾ EN 61558-1 is superseded by EN 61558-1:2005, which is based on IEC 61558-1:2005.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61558-2-6	1997	Safety of power transformers, power supply units and similar Part 2-6: Particular requirements for safety isolating transformers for general use	EN 61558-2-6	1997
IEC 61558-2-17	1997	Safety of power transformers, power supply units and similar Part 2-17: Particular requirements for transformers for switch mode power supplies	EN 61558-2-17	1997

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CEI
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61347-2-7

Deuxième édition
Second edition
2006-08

Appareillages de lampes –

Partie 2-7:

Exigences particulières pour les ballasts
électroniques alimentés en courant continu pour
l'éclairage de secours

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Lamp controlgear –

SIST EN 61347-2-7:2007

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Part 2-7:

Particular requirements for d.c. supplied
electronic ballasts for emergency lighting

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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Pour prix, voir catalogue en vigueur
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

LAMP CONTROLGEAR –**Part 2-7: Particular requirements for d.c. supplied electronic ballasts
for emergency lighting**

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 61347-2-7 has been prepared by subcommittee 34C: Auxiliaries for lamps, of IEC technical committee 34: Lamps and related equipment.

This second edition cancels and replaces the first edition published in 2000 and constitutes a technical revision. This new edition of IEC 61347-2-7 provides technical updating to take account of the practical usage of this type of control gear, alignment with the safety requirements for emergency lighting luminaires (IEC 60598-2-22), and advances in the field of lamp and control gear designs that have occurred since this standards last technical revision in 1993 (formerly IEC 60924).

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

FDIS	Report on voting
34C/754/FDIS	34C/761/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

This standard shall be used in conjunction with IEC 61347-1. It was established on the basis of the first (2000) edition of that standard.

This part 2 supplements or modifies the corresponding clauses in IEC 61347-1, so as to convert that publication into the IEC Standard: Particular requirements for d.c. supplied electronic ballasts for emergency lighting.

NOTE In this standard, the following print types are used:

- requirements: in roman type;
- *test specifications: in italic type;*
- notes: in small roman type.

A list of all parts of the IEC 61347 series, published under the general title *Lamps controlgear*, can be found on the IEC website.

The committee has decided that the contents of this 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.