
Predstikalni pribor za sijalke – 2-12. del: Posebne zahteve za elektronske predstikalne naprave za sijalke z enosmernim ali izmeničnim napajanjem (razen fluorescenčnih sijalk) (IEC 61347-2-12:2005)

Lamp controlgear -- Part 2-12: Particular requirements for d.c. or a.c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)

Geräte für Lampen -- Teil 2-12: Besondere Anforderungen an gleich- oder wechselstromversorgte elektronische Vorschaltgeräte für Entladungslampen (ausgenommen Leuchtstofflampen)

Appareillages de lampes -- Partie 2-12: Exigences particulières pour les ballasts électroniques alimentés en courant continu ou alternatif pour lampes à décharge (à l'exclusion des lampes fluorescentes)

Ta slovenski standard je istoveten z: EN 61347-2-12:2005

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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English version

Lamp controlgear
Part 2-12: Particular requirements for d.c. or a.c. supplied
electronic ballasts for discharge lamps
(excluding fluorescent lamps)
(IEC 61347-2-12:2005)

Appareillages de lampes
Partie 2-12: Exigences particulières
pour les ballasts électroniques alimentés
en courant continu ou alternatif
pour lampes à décharge
(à l'exclusion des lampes fluorescentes)
(CEI 61347-2-12:2005)

Geräte für Lampen
Teil 2-12: Besondere Anforderungen
an gleich- oder wechselstromversorgte
elektronische Vorschaltgeräte
für Entladungslampen
(ausgenommen Leuchtstofflampen)
(IEC 61347-2-12:2005)

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This European Standard was approved by CENELEC on 2005-10-01. 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.

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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, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, 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/683A/FDIS, future edition 1 of IEC 61347-2-12, 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 61347-2-12 on 2005-10-01.

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) 2006-07-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2008-10-01

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

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

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

Annex ZA has been added by CENELEC.

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Endorsement notice

The text of the International Standard IEC 61347-2-12:2005 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60188	NOTE	Harmonized as EN 60188:2001 (not modified).
IEC 60192	NOTE	Harmonized as EN 60192:2001 (not modified).
IEC 60662	NOTE	Harmonized as EN 60662:1993 (modified).
IEC 61167	NOTE	Harmonized as EN 61167:1994 (not modified).

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 Where 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 60052	2002	Voltage measurement by means of standard air gaps	EN 60052	2002
IEC 60417	database	Graphical symbols for use on equipment	-	-
IEC 61347-1	- 1)	Lamp controlgear Part 1: General and safety requirements	EN 61347-1 + corr. July	2001 2) 2003

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1) Undated reference.

2) Valid edition at date of issue.

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61347-2-12

Première édition
First edition
2005-06

Appareillages de lampes –

Partie 2-12:

**Exigences particulières pour les ballasts
électroniques alimentés en courant continu
ou alternatif pour lampes à décharge
(à l'exclusion des lampes fluorescentes)**

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Lamp controlgear –

Part 2-12:

**Particular requirements for d.c. or a.c. supplied
electronic ballasts for discharge lamps
(excluding fluorescent lamps)**

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Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

LAMP CONTROLGEAR –

Part 2-12: Particular requirements for d.c. or a.c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)

FOREWORD

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International Standard IEC 61347-2-12 has been prepared by subcommittee 34C: Auxiliaries for lamps, of IEC technical committee 34: Lamps and related equipment.

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

FDIS	Report on voting
34C/683/FDIS	34C/687/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. or a.c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps).

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

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

IEC 61347-2 consists of the following parts, under the general title *Lamp controlgear*:

- Part 1: General and safety requirements
- Part 2-1: Particular requirements for starting devices (other than glow starters)
- Part 2-2: Particular requirements for d.c. or a.c. supplied electronic step-down convertors for filament lamps
- Part 2-3: Particular requirements for a.c. supplied electronic ballasts for fluorescent lamps
- Part 2-4: Particular requirements for d.c. supplied electronic ballasts for general lighting
- Part 2-5: Particular requirements for d.c. supplied electronic ballasts for public transport lighting
- Part 2-6: Particular requirements for d.c. supplied electronic ballasts for aircraft lighting
- Part 2-7: Particular requirements for d.c. supplied electronic ballasts for emergency lighting
- Part 2-8: Particular requirements for ballasts for fluorescent lamps
- Part 2-9: Particular requirements for ballasts for discharge lamps (excluding fluorescent lamps)
- Part 2-10: Particular requirements for electronic invertors and convertors for high-frequency operation of cold start tubular discharge lamps (neon tubes)
- Part 2-11: Particular requirements for miscellaneous electronic circuits used with luminaires
- Part 2-12: Particular requirements for d.c. or a.c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps)
- Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules¹⁾

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.

¹⁾ To be published.

INTRODUCTION

This standard, and the parts which make up IEC 61347-1, in referring to any of the clauses of IEC 61347-1 specify the extent to which such a clause is applicable and the order in which the tests are to be performed; they also include additional requirements as necessary. All parts which make up IEC 61347-2 are self-contained and therefore do not include references to each other.

Where the requirements of any of the clauses of IEC 61347-1 are referred to in this standard by the phrase “The requirements of Clause n of IEC 61347-1 apply, this phrase is interpreted as meaning that all requirements of the clause in question of Part 1 apply, except any which are clearly inapplicable to the specific type of lamp controlgear covered by this particular part of IEC 61347-2.

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