



SLOVENSKI STANDARD
SIST EN IEC 61347-2-14:2018
01-julij-2018

Krmilne stikalne naprave za sijalke - 2-14. del: Posebne zahteve za enosmerno in/ali izmenično napajane elektronske krmilne stikalne naprave za fluorescenčne indukcijske sijalke (IEC 61347-2-14:2018)

Lamp controlgear - Part 2-14: Particular requirements for d.c. and/or a.c. supplied electronic controlgear for fluorescent induction lamps (IEC 61347-2-14:2018)

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Ta slovenski standard je istoveten z: **EN IEC 61347-2-14:2018**

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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EUROPEAN STANDARD

EN IEC 61347-2-14

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2018

ICS 29.140.99

English Version

Lamp controlgear - Part 2-14: Particular requirements for DC
and/or AC supplied electronic controlgear for fluorescent
induction lamps
(IEC 61347-2-14:2018)

Appareillages de lampes - Partie 2-14: Exigences
particulières pour les appareillages électroniques alimentés
en courant continu et/ou alternatif pour les lampes
fluorescentes à induction
(IEC 61347-2-14:2018)

Geräte für Lampen - Teil 2-14: Besondere Anforderungen
an gleich- und/oder wechselstromversorgte elektronische
Betriebsgeräte für Induktions-Leuchtstofflampen
(IEC 61347-2-14:2018)

This European Standard was approved by CENELEC on 2018-04-03. 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 CEN-CENELEC Management Centre or to any CENELEC member.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 61347-2-14:2018 (E)**European foreword**

The text of document 34C/1374/FDIS, future edition 1 of IEC 61347-2-14, prepared by IEC/SC 34C: "Auxiliaries for lamps, of IEC technical committee 34: Lamps and related equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61347-2-14:2018.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2019-01-03
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-04-03

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Endorsement notice

The text of the International Standard IEC 61347-2-14:2018 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60598-2-22 NOTE Harmonized as EN 60598-2-22.

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 60929	2011	AC and/or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements	EN 60929	2011
-	-		+ AC	2011
IEC 61347-1	2015	Lamp controlgear - Part 1: General and safety requirement	EN 61347-1	2015
+ A1	2017		+ A1	2018
IEC 61347-2-7	2011	Lamp controlgear -- Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained)	EN 61347-2-7	2012
+ A1	2017			-
IEC 61547	-	Equipment for general lighting purposes - EMC immunity requirements	EN 61547	-
IEC 62532	2011	Fluorescent induction lamps - Safety specifications	EN 62532	2011
IEC 62639	2012	Fluorescent induction lamps - Performance specification	EN 62639	2012

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IEC 61347-2-14

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Lamp controlgear – **STANDARD PREVIEW**
Part 2-14: Particular requirements for DC and/or AC supplied electronic
controlgear for fluorescent induction lamps
(standards.iteh.ai)

Appareillages de lampes – **SIST EN IEC 61347-2-14:2018**
Partie 2-14: Exigences particulières pour les appareillages électroniques
alimentés en courant continu et/ou alternatif pour les lampes fluorescentes à
induction
(standards.iteh.ai/catalog/standards/sist/7ea65bcd-d05a-4c89-ab3c-
391231139181/iec-61347-2-14)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

LAMP CONTROLGEAR –

Part 2-14: Particular requirements for DC and/or AC supplied electronic controlgear for fluorescent induction lamps

FOREWORD

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International Standard IEC 61347-2-14 has been prepared by subcommittee 34C: Auxiliaries for lamps, of IEC technical committee 34: Lamps and related equipment.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
34C/1374/FDIS	34C/1383/RVD

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

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

This document is to be used in conjunction with IEC 61347-1:2015 and IEC 61347-1:2015/AMD1:2017.

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

- Requirements proper: in roman type.
- *Test specifications: in italic type.*
- Explanatory matter: in smaller roman type.

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

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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INTRODUCTION

This document specifies requirements for fluorescent induction lamp controlgear. The formatting of IEC 61347-2 into separately published parts provides for ease of future amendments and revisions. Additional requirements will be added as and when a need for them is recognized.

This document, and the parts which make up IEC 61347-2, 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 intended to be self-contained and, therefore, do not include references to each other. However, for the case of emergency lighting lamp controlgear, some cross-referencing has been used.

Where the requirements of any of the clauses of IEC 61347-1 are referred to in this document 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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LAMP CONTROLGEAR –

Part 2-14: Particular requirements for DC and/or AC supplied electronic controlgear for fluorescent induction lamps

1 Scope

This part of IEC 61347 specifies particular safety requirements for electronic controlgear for use on AC supplies up to 1 000 V at 50 Hz or 60 Hz and/or DC supplies with operating frequencies deviating from the supply frequency, associated with fluorescent induction lamps as specified in IEC 62532 and IEC 62639, for high-frequency operation.

For emergency lighting operation, particular requirements for controlgear operated from a central supply are given in Annex J. Performance requirements appropriate to the safe operation of emergency lighting are also contained in Annex J.

Requirements for emergency lighting controlgear operating from non-centralized power supplies are given in IEC 61347-2-7.

NOTE Performance requirements detailed in Annex J are those considered to be safety related with respect to reliable emergency operation.

2 Normative references (standards.iteh.ai)

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

IEC 60929:2011, *AC and/or DC-supplied electronic control gear for tubular fluorescent lamps – Performance requirements*

IEC 61347-1:2015, *Lamp controlgear – Part 1: General and safety requirements*
IEC 61347-1:2015/AMD1:2017

IEC 61347-2-7:2011, *Lamp controlgear – Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained)*
IEC 61347-2-7:2011/AMD1:2017

IEC 61547, *Equipment for general lighting purposes – EMC immunity requirements*

IEC 62532:2011, *Fluorescent induction lamps – Safety specifications*

IEC 62639:2012, *Fluorescent induction lamps – Performance specification*

3 Terms and definitions

For the purposes of this document, the terms and definitions given in IEC 61347-1, IEC 62532 and IEC 62639 and the following apply.