
Stikalne naprave za sijalke - Varnost - 2-3. del: Posebne zahteve - Izmenično napajane elektronske predstikalne naprave za fluorescenčne sijalke (IEC 61347-2-3:2024)

Controlgear for electric light sources - Safety - Part 2-3: Particular requirements - AC or DC supplied electronic controlgear for fluorescent lamps (IEC 61347-2-3:2024)

Betriebsgeräte für elektrische Lichtquellen - Sicherheit - Teil 2-3: Besondere Anforderungen - wechsel- oder gleichstromversorgte elektronische Betriebsgeräte für Leuchtstofflampen (IEC 61347-2-3:2024)

Appareillages de commande pour les sources de lumière électriques - Sécurité - Partie 2-3: Exigences particulières - Appareillages électroniques alimentés en courant alternatif ou en courant continu pour lampes fluorescentes (IEC 61347-2-3:2024)

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Ta slovenski standard je istoveten z: EN IEC 61347-2-3:2024

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SIST EN IEC 61347-2-3:2025

en

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English Version

Controlgear for electric light sources - Safety - Part 2-3:
Particular requirements - AC or DC supplied electronic
controlgear for fluorescent lamps
(IEC 61347-2-3:2024)

Appareillages de commande pour les sources de lumière
électriques - Sécurité - Partie 2-3: Exigences particulières -
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gleichstromversorgte elektronische Betriebsgeräte für
Leuchtstofflampen
(IEC 61347-2-3:2024)

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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 61347-2-3:2024 (E)**European foreword**

The text of document 34C/1586/CDV, future edition 3 of IEC 61347-2-3, prepared by SC 34C "Auxiliaries for lamps" of IEC/TC 34 "Lighting" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61347-2-3:2024.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2025-12-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2027-12-31 document have to be withdrawn

This document supersedes EN 61347-2-3:2011 and all of its amendments and corrigenda (if any).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of the International Standard IEC 61347-2-3:2024 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 standard indicated:

IEC 60598-2-22	NOTE Approved as EN IEC 60598-2-22
IEC 61195:1999	NOTE Approved as EN 61195:1999 (not modified)
IEC 61195:1999/A1:2012	NOTE Approved as EN 61195:1999/A1:2013 (not modified)
IEC 61195:1999/A2:2014	NOTE Approved as EN 61195:1999/A2:2015 (not modified)
IEC 61199:2011	NOTE Approved as EN 61199:2011 (not modified)
IEC 61199:2011/A1:2012	NOTE Approved as EN 61199:2011/A1:2013 (not modified)
IEC 61199:2011/A2:2014	NOTE Approved as EN 61199:2011/A2:2015 (not modified)
IEC 61347-2-3:2011	NOTE Approved as EN 61347-2-3:2011 (not modified)
IEC 61347-2-3:2011/A1:2016	NOTE Approved as EN 61347-2-3:2011/A1:2017 (not modified)

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.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60081	1997	Double-capped fluorescent lamps - Performance specifications	- EN 60081	1998
+ A1 (mod)	2000		+ A1	2002
+ A2	2003		+ A2	2003
+ A3	2005		+ A3	2005
+ A4	2010		+ A4	2010
+ A5	2013		+ A5	2013
+ A6 (mod)	2017		+ A6	2017
-	-		+ A11	2018
IEC 60901	1996	Single-capped fluorescent lamps - Performance specifications	EN 60901	1996
+ A1	1997		+ A1	1997
-	-		+ A1:1997/corrigendum Oct.	1997
+ A2	2000		+ A2	2000
+ A3	2004		+ A3	2004
+ A4	2007		+ A4	2008
+ A5	2011		+ A5	2012
+ A6 (mod)	2014		+ A6	2017
IEC 60929	2011	AC and/or DC-supplied electronic control gear for tubular fluorescent lamps - Performance requirements	EN 60929	2011
-	-		+ AC	2011
+ A1	2015		+ A1	2016
IEC 61347-1	2015	Lamp controlgear - Part 1: General and safety requirements	EN 61347-1	2015
+ A1	2017		+ A1	2021

EN IEC 61347-2-3:2024 (E)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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		+ A1	2019
+ A2	2021		-	-
IEC 61547	-	Equipment for general lighting purposes - EMC immunity requirements	EN IEC 61547	-

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IEC 61347-2-3

Edition 3.0 2024-05

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Controlgear for electric light sources – Safety –
Part 2-3: Particular requirements – AC or DC supplied electronic controlgear for
fluorescent lamps**

**Appareillages de commande pour les sources de lumière électriques – Sécurité –
Partie 2-3: Exigences particulières – Appareillages électroniques alimentés en
courant alternatif ou en courant continu pour lampes fluorescentes**

<https://standards.iteh.ai/catalog/standards/sist/fa40327c-bd63-4638-b49d-efe4d71c3c4b/sist-en-iec-61347-2-3-2025>

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

CONTROLGEAR FOR ELECTRIC LIGHT SOURCES – SAFETY –**Part 2-3: Particular requirements – AC or DC
supplied electronic controlgear for fluorescent lamps**

FOREWORD

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IEC 61347-2-3 has been prepared by subcommittee 34C: Auxiliaries for lamps, of IEC technical committee 34: Lighting. It is an International Standard.

This third edition cancels and replaces the second edition published in 2011 and Amendment 1:2016. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) introduction of dated references where appropriate;
- b) clarification of sample item numbers;
- c) alignment of clause numbers with those of IEC 61347-1.

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

Draft	Report on voting
34C/1586/CDV	34C/1594/RVC

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

This document is intended to be used in conjunction with IEC 61347-1:2015 and IEC 61347-1:2015/AMD1:2017. Where the requirements of any of the clauses of IEC 61347-1:2015 and IEC 61347-1:2015/AMD1:2017 are referred to in this document by the phrase "IEC 61347-1:2015, Clause n and IEC 61347-1:2015/AMD1:2017, Clause n apply", this phrase is interpreted as meaning that all the requirements of the clause in question of IEC 61347-1:2015 and IEC 61347-1:2015/AMD1:2017 apply, except any which are clearly inapplicable to the specific type of controlgear covered by this document.

NOTE In this document, the following print type is used:

- *compliance statements: in italic type.*

A list of all parts in the IEC 61347 series, published under the general title *Controlgear for electric light sources – Safety*, can be found on the IEC website.

Future documents in this series will carry the new general title as cited above. Titles of existing documents in this series will be updated at the time of the next edition.

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

- reconfirmed,
- withdrawn, or
- revised.

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INTRODUCTION

The technical requirements in this document compared to IEC 61347-2-3:2011 and IEC 61347-2-3:2011/AMD1:2016 are essentially unchanged. Nevertheless, a new edition of this document could not be avoided, as without the introduction of dated references to IEC 61347-1:2015 and IEC 61347-1:2015/AMD1:2017, the fourth edition of IEC 61347-1:¹ would have been implicitly applicable due to the undated nature of the references to IEC 61347-1 in IEC 61347-2-3:2011 and IEC 61347-2-3:2011/AMD1:2016.

This document, in referring to any of the clauses of IEC 61347-1:2015 and IEC 61347-1:2015/AMD1:2017, specifies the extent to which such a clause is applicable. Additional requirements are also included, as necessary.

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¹ Fourth edition under preparation. Stage at the time of publication IEC FDIS 61347-1:2024.