

SLOVENSKI STANDARD SIST EN IEC 61347-2-13:2025

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Stikalne naprave za sijalke - Varnost - 2-13. del: Posebne zahteve - Elektronske stikalne naprave za LED-svetlobne vire (IEC 61347-2-13:2024)

Controlgear for electric light sources - Safety - Part 2-13: Particular requirements - Electronic controlgear for LED light sources (IEC 61347-2-13:2024)

Geräte für elektrische Lichtquellen - Sicherheit - Teil 2-13: Besondere Anforderungen - elektronische Betriebsgeräte für LED-Lichtquellen (IEC 61347-2-13:2024)

Appareillages de commande pour les sources de lumière électriques - Sécurité - Partie 2 -13 : Exigences particulières - Appareillages électroniques pour les sources de lumière à LED (IEC 61347-2-13:2024)

Ta slovenski standard je istoveten z: EN IEC 61347-2-13:2024

ICS:

29.130.01 Stikalne in krmilne naprave Switchgear and controlgear na splošno in general

29.140.99 Drugi standardi v zvezi z Other standards related to

žarnicami lamps

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English Version

Controlgear for electric light sources - Safety - Part 2-13: Particular requirements - Electronic controlgear for LED light sources (IEC 61347-2-13:2024)

Appareillages de commande pour les sources de lumière électriques - Sécurité - Partie 2-13 : Exigences particulières - Appareillages électroniques pour les sources de lumière à LED (IEC 61347-2-13:2024)

Geräte für elektrische Lichtquellen - Sicherheit - Teil 2-13: Besondere Anforderungen - elektronische Betriebsgeräte für LED-Lichtquellen (IEC 61347-2-13:2024)

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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 61347-2-13:2024 (E)

European foreword

The text of document 34C/1599/FDIS, future edition 3 of IEC 61347-2-13, 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 61347-2-13:2024.

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- latest date by which the national standards conflicting with the (dow) 2027-12-31 document have to be withdrawn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 61347-2-13:2014 and all of its amendments and corrigenda (if any).

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The text of the International Standard IEC 61347-2-13:2024 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 61140	NOTE Approved as EN 61140
IEC 61347-1:2015	NOTE Approved as EN 61347-1:2015 (not modified)
IEC 61347-1:2015/A1:2017	NOTE Approved as EN 61347-1:2015/A1:2021 (not modified)
IEC 61347-2-7	NOTE Approved as EN 61347-2-7
IEC 61347-2-13:2014	NOTE Approved as EN 61347-2-13:2014 (not modified)
IEC 61347-2-13:2014/A1:2016	NOTE Approved as EN 61347-2-13:2014/A1:2017 (not modified)

EN IEC 61347-2-13:2024 (E)

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>	EN/HD	<u>Year</u>
IEC 61347-1	2024	Controlgear for electric light sources - Safety - Part 1: General requirements	EN IEC 61347-1	2024
IEC 61547	-	Equipment for general lighting purposes - EMC immunity requirements	EN IEC 61547	-
IEC 62384	2020	DC or AC supplied electronic controlgear for LED modules - Performance requirements	EN IEC 62384	2020

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IEC 61347-2-13

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Controlgear for electric light sources – Safety – 10 S
Part 2-13: Particular requirements – Electronic controlgear for LED light sources

Appareillages de commande pour les sources de lumière électriques – Sécurité – Partie 2-13: Exigences particulières – Appareillages électroniques pour les sources de lumière à LED

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

CONTROLGEAR FOR ELECTRIC LIGHT SOURCES – SAFETY –

Part 2-13: Particular requirements – Electronic controlgear for LED light sources

FOREWORD

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IEC 61347-2-13 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 2014 and Amendment 1:2016. This edition constitutes a technical revision.

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

-4 -

- a) alignment with respect to the fourth edition of IEC 61347-1:
 - introduction of dated references to the fourth edition of IEC 61347-1 as appropriate;
 - deletion of the clauses and subclauses which are either no longer relevant or now covered in IEC 61347-1;
- b) update of normative references, introducing dated references where appropriate;
- c) scope extension to 1 500 V for direct current;
- d) scope clarification;
- e) deletion of unused definitions;
- f) revision of information and marking requirements;
- g) new marking requirement "electronic controlgear for LED light sources";
- h) new requirements for electronic controlgear for LED light sources with constant light output function or programmable current (additions to Clause 3, Clause 6, Clause 16 and Clause 18);
- i) modification of requirements for the determination of the output working voltage (new Clause 17);
- j) new requirements for the determination of the rated output characteristics (Clause 18).

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

Draft Draft	Report on voting
34C/1599/FDIS	34C/1603/RVD

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

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https://stan The language used for the development of this International Standard is English. en-icc-61347-2-13-2025

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 61347-1:2024. Where the requirements of any of the clauses of IEC 61347-1:2024 are referred to in this document by the phrase "IEC 61347-1:2024, Clause n applies", this phrase is interpreted as meaning that all the requirements of the clause in question of IEC 61347-1:2024 apply, except any which are clearly inapplicable to the specific type of controlgear covered by this document.

 $\label{eq:NOTE} \mbox{ In this document, the following print type is used:}$

- 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.