SLOVENSKI STANDARD
SIST EN IEC 61347-2-10:2025

01-februar-2025

Stikalne naprave za sijalke - Varnost - 2-10. del: Posebne zahteve za elektronske stikalne naprave za visokofrekvenčno obratovanje cevastih sijalk s hladnim vžigom (neonske cevi) (IEC 61347-2-10:2024)

Controlgear for electric light sources - Safety - Part 2-10: Particular requirements for electronic controlgear for high-frequency operation of cold start tubular discharge lamps (neon tubes) (IEC 61347-2-10:2024)

Geräte für Lampen - Teil 2-10: Besondere Anforderungen an elektronische Wechselrichter und Konverter für Hochfrequenzbetrieb von röhrenförmigen Kaltstart-Entladungslampen (Neonröhren) (IEC 61347-2-10:2024)

Appareillages de lampes - Partie 2-10: Prescriptions particulières pour onduleurs et convertisseurs électroniques destinés à l'alimentation en haute fréquence des lampes tubulaires à décharge à démarrage à froid (tubes néon) (IEC 61347-2-10:2024)

Ta slovenski standard je istoveten z: **EN IEC 61347-2-10:2024**

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

SIST EN IEC 61347-2-10:2025 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 61347-2-10

December 2024

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English Version

Controlgear for electric light sources - Safety - Part 2-10: Particular requirements - Electronic controlgear for high-frequency operation of tubular cold-cathode discharge lamps (neon tubes) (IEC 61347-2-10:2024)

Appareillages de commande pour les sources de lumière électriques - Sécurité - Partie 2-10: Exigences particulières - Appareillages électroniques destinés à l'alimentation en haute fréquence des lampes à décharge tubulaires à cathode froide (tubes néon) (IEC 61347-2-10:2024)

Betriebsgeräte für elektrische Lichtquellen - Sicherheit - Teil 2-10: Besondere Anforderungen - elektronische Wechselrichter und Konverter für Hochfrequenzbetrieb von röhrenförmigen Kaltstart-Entladungslampen (Neonröhren) (IEC 61347-2-10:2024)

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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

European foreword

The text of document 34C/1584/CDV, future edition 2 of IEC 61347-2-10, 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 61347-2-10:2024.

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) 2025-12-31
•	latest date by which the national standards conflicting with the document have to be withdrawn	(dow) 2027-12-31

This document supersedes EN 61347-2-10:2001 and all of its amendments and corrigenda (if any).

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Endorsement notice

The text of the International Standard IEC 61347-2-10:2024 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 61347-2-10:2000	NOTE	Approved as EN 61347-2-10:2001 (not modified)
IEC 61347-2-10:2000/A1:2008	NOTE	Approved as EN 61347-2-10:2001/A1:2009 (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.

Publication	Year	Title	EN/HD	Year
IEC 60417	-	Graphical symbols for use on equipment	-	-
IEC 60598-1	2020	Luminaires - Part 1: General requirements and tests	EN IEC 60598-1	2021
			+ A11	2022
IEC 61347-1	2015	Lamp controlgear - Part 1: General and safety requirements	EN 61347-1	2015
+ A1	2017		+ A1	2021
ISO 3864-1	2011	Graphical symbols - Safety colours and safety signs - Part 1: Design principles for safety signs and safety markings	-	-

IEC 61347-2-10

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Controlgear for electric light sources – Safety – Part 2-10: Particular requirements – Electronic controlgear for high-frequency operation of tubular cold-cathode discharge lamps (neon tubes)

Appareillages de commande pour les sources de lumière électriques – Sécurité – Partie 2-10: Exigences particulières – Appareillages électroniques destinés à l'alimentation en haute fréquence des lampes à décharge tubulaires à cathode froide (tubes néon)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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CONTROLGEAR FOR ELECTRIC LIGHT SOURCES – SAFETY –

Part 2-10: Particular requirements – Electronic controlgear for high-frequency operation of tubular cold-cathode discharge lamps (neon tubes)

FOREWORD

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IEC 61347-2-10 has been prepared by subcommittee 34C: Auxiliaries for lamps, of IEC technical committee 34: Lighting. It is an International Standard.

This second edition cancels and replaces the first edition published in 2000 and Amendment 1:2008. 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 as appropriate;
b) clarification of sample item numbers.