



**SLOVENSKI STANDARD**  
**SIST HD 60364-5-54:2011/A1:2023**

**01-januar-2023**

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**Nizkonapetostne električne inštalacije - 5-54. del: Izbira in namestitvev električne opreme - Ozemljitve in zaščitni vodniki - Dopolnilo A1**

Low-voltage electrical installations - Part 5-54: Selection and erection of electrical equipment - Earthing arrangements and protective conductors

Errichten von Niederspannungsanlagen - Teil 5-54: Auswahl und Errichtung elektrischer Betriebsmittel - Erdungsanlagen, Schutzleiter und Schutzpotentialausgleichsleiter

Installations électriques basse-tension - Partie 5-54: Choix et mise en oeuvre des matériels électriques - Installations de mise à la terre et conducteurs de protection

**Ta slovenski standard je istoveten z: HD 60364-5-54:2011/A1:2022**

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**ICS:**

91.140.50 Sistemi za oskrbo z elektriko Electricity supply systems

**SIST HD 60364-5-54:2011/A1:2023 en**



HARMONIZATION DOCUMENT  
DOCUMENT D'HARMONISATION  
HARMONISIERUNGSDOKUMENT

**HD 60364-5-54:2011/A1**

November 2022

ICS 29.020; 91.140.50

English Version

**Low-voltage electrical installations - Part 5-54: Selection and  
erection of electrical equipment - Earthing arrangements and  
protective conductors  
(IEC 60364-5-54:2011/A1:2021)**

Installations électriques à basse tension - Partie 5-54: Choix  
et mise en oeuvre des matériels électriques - Installations  
de mise à la terre et conducteurs de protection  
(IEC 60364-5-54:2011/A1:2021)

Errichten von Niederspannungsanlagen - Teil 5-54:  
Auswahl und Errichtung elektrischer Betriebsmittel -  
Erdungsanlagen, Schutzleiter und  
Schutzpotentialausgleichsleiter  
(IEC 60364-5-54:2011/A1:2021)

This amendment A1 modifies the Harmonization Document HD 60364-5-54:2011; it was approved by CENELEC on 2021-05-18. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this amendment at national level.

Up-to-date lists and bibliographical references concerning such national implementations may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This amendment exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.



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**

**HD 60364-5-54:2011/A1:2022 (E)****European foreword**

The text of document 64/2479/FDIS, future IEC 60364-5-54/A1, prepared by IEC/TC 64 "Electrical installations and protection against electric shock" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as HD 60364-5-54:2011/A1:2022.

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) 2023-05-25
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-11-25

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.

**Endorsement notice**

The text of the International Standard IEC 60364-5-54:2011/A1:2021 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 60364-4-42 NOTE Harmonized as HD 60364-4-42

[SIST HD 60364-5-54:2011/A1:2023](https://standards.iteh.ai/catalog/standards/sist/ac99e8de-84b0-4632-b570-9aa5cbf5c627/sist-hd-60364-5-54-2011-a1-2023)

<https://standards.iteh.ai/catalog/standards/sist/ac99e8de-84b0-4632-b570-9aa5cbf5c627/sist-hd-60364-5-54-2011-a1-2023>

## 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](http://www.cenelec.eu).

*Add the following references:*

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60445	-	Basic and safety principles for man-machine interface, marking and identification - Identification of equipment terminals, conductor terminations and conductors	EN IEC 60445	-
IEC 60417	-	Graphical symbols for use on equipment. Index, survey and compilation of the single sheets.	-	-

*Replace the existing reference to IEC 62305-3:2006 with the following reference:*

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62305-3 (mod)	2010	Protection against lightning - Part 3: Physical damage to structures and life hazard	EN 62305-3	2011