



SLOVENSKI STANDARD
SIST EN 50522:2022/A1:2024

01-november-2024

**Ozemljitev elektroenergetskih postrojev, ki presegajo 1 kV izmenične napetosti -
Dopolnilo A1**

Earthing of power installations exceeding 1 kV a.c.

Erdung von Starkstromanlagen mit Nennwechselspannungen über 1 kV

Prises de terre des installations électriques de puissance en courant alternatif de tension supérieure à 1 kV

Ta slovenski standard je istoveten z: EN 50522:2022/A1:2024

[SIST EN 50522:2022/A1:2024](https://standards.iteh.ai/catalog/standards/sist/c23a0796-1968-4365-8379-6cbad8b6f22c/sist-en-50522-2022-a1-2024)

<https://standards.iteh.ai/catalog/standards/sist/c23a0796-1968-4365-8379-6cbad8b6f22c/sist-en-50522-2022-a1-2024>

ICS:

29.240.01	Omrežja za prenos in distribucijo električne energije na splošno	Power transmission and distribution networks in general
-----------	--	---

SIST EN 50522:2022/A1:2024

en

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 50522:2022/A1

September 2024

ICS 29.120.50

English Version

Earthing of power installations exceeding 1 kV a.c.

Prises de terre des installations électriques de puissance en
courant alternatif de tension supérieure à 1 kV

Erdung von Starkstromanlagen mit
Nennwechselfspannungen über 1 kV

This amendment A1 modifies the European Standard EN 50522:2022; it was approved by CENELEC on 2024-07-02. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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.

This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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.

[SIST EN 50522:2022/A1:2024](https://standards.iteh.ai/catalog/standards/sist/c23a0796-1968-4365-8379-6cbad8b6f22c/sist-en-50522-2022-a1-2024)

<https://standards.iteh.ai/catalog/standards/sist/c23a0796-1968-4365-8379-6cbad8b6f22c/sist-en-50522-2022-a1-2024>



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 50522:2022/A1:2024 (E)

Contents	Page
European foreword.....	3
1 Modification to Clause 2, “Normative references”	4
2 Modifications to Clause 3, “Terms and definitions”	4
3 Modification to 4.1, “General requirements”	5
4 Modifications to 4.2, “Electrical requirements”	5
5 Modifications to 4.3, “Safety criteria”	5
6 Modification to 4.4, “Functional requirements”	5
7 Modifications to 5.4, “Dimensioning with regard to touch voltages”	5
8 Modification to 6.1.1, “High and low voltage earthing systems”	5
9 Modification to 6.1.2, “LV supply only within HV substations”	6
10 Modification to 6.1.3, “LV supply leaving or coming to HV substations”	6
11 Modification to 6.1.4, “LV in the proximity of HV substation”	6
12 Modification to 7.1, “Installation of earth electrodes and earthing conductors”	6
13 Modification to 7.2, “Lightning and transients”	6
14 Modification to Clause 8, “Measurements”	6
15 Modification to 9.1, “Inspections”	6
16 Modification to 9.2, “Measurements”	6
17 Modification to A.1, “Method of calculating permissible touch voltages <i>UTp</i> ”	6

[SIST EN 50522:2022/A1:2024](https://standards.iteh.ai/catalog/standards/sist/c23a0796-1968-4365-8379-6cbad8b6f22c/sist-en-50522-2022-a1-2024)

<https://standards.iteh.ai/catalog/standards/sist/c23a0796-1968-4365-8379-6cbad8b6f22c/sist-en-50522-2022-a1-2024>