

SLOVENSKI STANDARD
SIST EN 50122-1:2011/A3:2017
01-marec-2017

Železniške naprave - Stabilne naprave električne vleke - Električna varnost, ozemljitev in povratni tokokrog - 1. del: Zaščitni ukrepi proti električnemu udaru

Railway applications - Fixed installations - Electrical safety, earthing and the return circuit
- Part 1: Protective provisions against electric shock

Bahnanwendungen - Ortsfeste Anlagen - Elektrische Sicherheit, Erdung und Rückleitung
- Teil 1: Schutzmaßnahmen gegen elektrischen Schlag

Applications ferroviaires - Installations fixes - Sécurité électrique, mise à la terre et circuit
de retour - Partie 1: Mesures de protection contre les chocs électriques

<https://standards.iteh.ai/catalog/standards/sist/1796b015-c440-476a-9490-962e9f8362fb/sist-en-50122-1-2011-a3-2017>

Ta slovenski standard je istoveten z: EN 50122-1:2011/A3:2016

ICS:

13.260	Varstvo pred električnim udarom. Delo pod napetostjo	Protection against electric shock. Live working
29.280	Električna vlečna oprema	Electric traction equipment

SIST EN 50122-1:2011/A3:2017 **en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 50122-1:2011/A3

November 2016

ICS 29.280

English Version

Railway applications - Fixed installations - Electrical safety, earthing and the return circuit - Part 1: Protective provisions against electric shock

Applications ferroviaires - Installations fixes - Sécurité électrique, mise à la terre et circuit de retour - Partie 1: Mesures de protection contre les chocs électriques

Bahnanwendungen - Ortsfeste Anlagen - Elektrische Sicherheit, Erdung und Rückleitung - Teil 1: Schutzmaßnahmen gegen elektrischen Schlag

This amendment A3 modifies the European Standard EN 50122-1:2011; it was approved by CENELEC on 2016-11-03. 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.

<http://www.cenelec.eu>

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 50122-1:2011/A3:2016 (E)

European foreword

This document (EN 50122-1:2011/A3:2016) has been prepared by CLC/SC 9XC "Electric supply and earthing systems for public transport equipment and ancillary apparatus (Fixed installations)".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2016-12-03
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2016-12-03

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

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For the relationship with EU Directive(s) see informative Annex ZZ, which is an integral part of this document.

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Replace the Annex ZZ in EN 50122-1:2011 by the following new annex:

Annex ZZ
(informative)

Relationship between this European Standard and the Essential Requirements of EU Directive 2008/57/EC

This European Standard has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association and within its scope the standard covers all relevant essential requirements as given in Annex III of the EC Directive 2008/57/EC (also named as New Approach Directive 2008/57/EC Rail Systems: Interoperability).

Once this standard is cited in the Official Journal of the European Union under that Directive and has been implemented as a national standard in at least one Member State, compliance with the clauses of this standard given in Table ZZ.1 for “Energy” confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding Essential Requirements of that Directive and associated EFTA regulations.

Table ZZ.1 - Correspondence between this European Standard, the TSI “Energy” (REGULATION (EU) No 1301/2014 of 18 November 2014) and Directive 2008/57/EC

Clauses of this European Standard	Chapter / § / points / of of ENE TSI	Essential Requirements (ER) of Directive 2008/57/EC	Comments
<p>The whole standard is applicable.</p> <p>Clauses directly referenced in the TSI:</p> <p>5.2.4 5.2.5</p> <p>5.2.1 5.3.1 5.3.2 6.1.6.2 9.2.2.1 9.2.2.2 9.3.2.1 9.3.2.2</p>	<p>4.2.7.2 Electrical protection coordination arrangements</p> <p>4.2.9. Geometry of the overhead contact line</p> <p>4.2.9.1. Contact wire height</p> <p>4.2.18. Protective provisions against electric shock</p>	<p>1. General Requirements</p> <p>1.1 Safety</p> <p>1.5 Technical compatibility</p> <p>2. Requirements specific to each sub-subsystem</p> <p>2.2 Energy</p> <p>2.2.1 Safety</p> <p>2.2.3. Technical compatibility</p>	<p>References to the standard EN 50122-1 should be updated in the TSI</p>

WARNING: Other requirements and other EU Directives may be applicable to the products falling within the scope of this standard.