



SLOVENSKI STANDARD
SIST EN 50533:2012/A1:2017
01-marec-2017

Železniške naprave - Napetostne karakteristike trifaznega glavnega voda na tirnem vozilu

Railway applications - Three-phase train line voltage characteristics

Bahnanwendungen - Eigenschaften der dreiphasigen (Drehstrom-) Bordnetz-Spannung

Applications ferroviaires - Caractéristiques de la tension de la ligne de train triphasée

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Ta slovenski standard je istoveten z: EN 50533:2011/A1:2016

<https://standards.iteh.ai/catalog/standards/sist/3defd926-cb2e-4695-9b29-aea1bbb5fe8c/sist-en-50533-2012-a1-2017>

ICS:

| | | |
|-----------|------------------------------|----------------------------------|
| 29.280 | Električna vlečna oprema | Electric traction equipment |
| 45.060.01 | Železniška vozila na splošno | Railway rolling stock in general |

SIST EN 50533:2012/A1:2017

en

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EUROPEAN STANDARD

EN 50533:2011/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2016

ICS 29.280; 45.060.01

English Version

Railway applications - Three-phase train line voltage characteristics

Applications ferroviaires - Caractéristiques de la tension de la ligne de train triphasée

Bahnanwendungen - Eigenschaften der dreiphasigen (Drehstrom-) Bordnetz-Spannung

This amendment A1 modifies the European Standard EN 50533:2011; 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.

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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 50533:2011/A1:2016 (E)

European foreword

This document (EN 50533:2011/A1:2016) has been prepared by CLC/SC 9XB "Electrical, electronic and electromechanical material on board rolling stock, including associated software".

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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Add the following 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 "Safety in Railway Tunnels", Table ZZ.2 for "Locomotives and Passenger Rolling Stock" 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 SRT TSI (COMMISSION REGULATION (EU) No 1303/2014 of 18 November 2014) and Directive 2008/57/EC

| Clauses of this European Standard | Chapter / § / points / of SRT TSI | Essential Requirements (ER) of Directive 2008/57/EC | Comments |
|-----------------------------------|--|--|----------|
| The whole standard is applicable. | <p>https://standards.itech.ai/catalog/standards/sist/bca11bb5fe8c/sist-en-50533-2011-a1-2017</p> <p>2.2.1. 'Hot' incidents: Fire, explosion followed by fire, emission of toxic smoke or gases</p> <p>4.2.3. Subsystem rolling stock</p> <p>4.2.3.3.4 Running capability</p> | <p>1. General Requirements</p> <p>1.1 Safety</p> <p>1.1.1</p> <p>1.1.3.</p> <p>1.1.4.</p> <p>1.5 Technical compatibility</p> <p>2. Requirements specific to each subsystem</p> <p>2.4. Rolling stock</p> <p>2.4.1. Safety (8th paragraph)</p> <p>2.4.2. Reliability and availability</p> <p>2.4.3 Technical compatibility</p> | |

Table ZZ.2 - Correspondence between this European Standard, the TSI “Locomotives and Passenger Rolling Stock” (REGULATION (EU) No 1302/2014 of 18 November 2014) and Directive 2008/57/EC

| Clauses of this European Standard | Chapter / § / points / of LOC & PAS TSI RST | Essential Requirements (ER) of Directive 2008/57/EC | Comments |
|-----------------------------------|---|---|---|
| The whole standard is applicable. | 4.2.10.4.4 Running capability | 1. General Requirements 1.1 Safety 1.1.1. 1.1.3. 1.1.4. 1.5 Technical compatibility 2. Requirements specific to each subsystem 2.4. Rolling stock 2.4.1. Safety (8 th paragraph) 2.4.2. Reliability and availability 2.4.3 Technical compatibility | Appendix J-1, index 63, reference to standard EN 50553:2012 should be updated |

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