



SLOVENSKI STANDARD
SIST EN 50163:2005/A1:2007

01-oktober-2007

Železniške aplikacije - Napetosti za napajanje sistemov vleke

Railway applications - Supply voltages of traction systems

Bahnanwendungen - Speisespannungen von Bahnnetzen

Applications ferroviaires - Tensions d'alimentation des réseaux de traction

ITEN STANDARD PREVIEW
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Ta slovenski standard je istoveten z: **EN 50163:2004/A1:2007**

[SIST EN 50163:2005/A1:2007](https://standards.iteh.ai/catalog/standards/sist/8b0cb9fa-8865-4742-88b0-018d9b93b7c3/sist-en-50163-2005-a1-2007)

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ICS:

29.280 Elektrarna oprema za električno vleko Electric traction equipment

SIST EN 50163:2005/A1:2007

en,fr,de

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EUROPEAN STANDARD

EN 50163/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2007

ICS 29.280

English version

Railway applications - Supply voltages of traction systems

Applications ferroviaires -
Tensions d'alimentation
des réseaux de traction

Bahnanwendungen -
Speisespannungen
von Bahnnetzen

This amendment A1 modifies the European Standard EN 50163:2004; it was approved by CENELEC on 2007-03-01. 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 Central Secretariat or to any CENELEC member.

<https://standards.iteh.ai/catalog/standards/sist/8b0cb9fa-8865-4742-88b0->

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 Central Secretariat has the same status as the official versions.

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

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

This amendment to the European Standard EN 50163:2004 was prepared by SC 9XC, Electric supply and earthing systems for public transport equipment and ancillary apparatus (fixed installations), of Technical Committee CENELEC TC 9X, Electrical and electronic applications for railways.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A1 to EN 50163:2004 on 2007-03-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2008-03-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2010-03-01

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4 Voltages and frequencies of traction systems

4.2 Frequency

Replace

For 16,7 Hz electric traction systems, the value are:

- For systems with synchronous connection to an interconnected system:
16,7 Hz \pm 1 % (i.e. 16,5 Hz ... 16,83 Hz) for 99,5 % of a year
16,7 Hz \pm 6 % (i.e. 15,69 Hz ... 17,36 Hz) for 100 % of the time

by

For 16,7 Hz electric traction systems, the values are:

- For systems with synchronous connection to an interconnected system:
16,7 Hz \pm 1 % (i.e. 16,50 Hz ... 16,83 Hz) for 99,5 % of a year
16,7 Hz + 4 % / - 6 % (i.e. 15,67 Hz ... 17,33 Hz) for 100 % of the time

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