



**NSAI**  
Standards

Irish Standard  
I.S. EN 50533:2011&A1:2016

# Railway applications - Three-phase train line voltage characteristics

**I.S. EN 50533:2011&A1:2016**

*Incorporating amendments/corrigenda/National Annexes issued since publication:*

EN 50533:2011/A1:2016

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I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

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SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

*This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):*

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*This document is based on:*

EN 50533:2011

*Published:*

2015-12-27

*This document was published under the authority of the NSAI and comes into effect on:*

2016-11-29

ICS number:

NOTE: If blank see CEN/CENELEC cover page

NSAI  
1 Swift Square,  
Northwood, Santry  
Dublin 9

T +353 1 807 3800  
F +353 1 807 3838  
E standards@nsai.ie  
W NSAI.ie

Sales:  
T +353 1 857 6730  
F +353 1 857 6729  
W standards.ie

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## National Foreword

I.S. EN 50533:2011&A1:2016 is the adopted Irish version of the European Document EN 50533:2011, Railway applications - Three-phase train line voltage characteristics

This document does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 50533:2011/A1**

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document have to be withdrawn

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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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