

VÄIKELAEVAD. ELEKTRISÜSTEEMID. VÄIKEPINGE
ALALISVOOLUPAIGALDISED

Small craft - Electrical systems - Extra-low-voltage d.c.
installations (ISO 10133:2012)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 10133:2017 sisaldab Euroopa standardi EN ISO 10133:2017 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 10133:2017 consists of the English text of the European standard EN ISO 10133:2017.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 02.08.2017.	Date of Availability of the European standard is 02.08.2017.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

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ICS 47.080

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EUROPEAN STANDARD

EN ISO 10133

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2017

ICS 47.080

Supersedes EN ISO 10133:2012

English Version

Small craft - Electrical systems - Extra-low-voltage d.c. installations (ISO 10133:2012)

Petits navires - Systèmes électriques - Installations à
très basse tension à courant continu (ISO 10133:2012)

Kleine Wasserfahrzeuge - Elektrische Systeme -
Kleinspannungs-Gleichstrom-(DC-)Anlagen (ISO
10133:2012)

This European Standard was approved by CEN on 10 July 2017.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN 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 STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

European foreword

The text of ISO 10133:2012 has been prepared by Technical Committee ISO/TC 188 “Small craft” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 10133:2017.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2018, and conflicting national standards shall be withdrawn at the latest by February 2018.

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

This document supersedes EN ISO 10133:2012.

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

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

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 10133:2012 has been approved by CEN as EN ISO 10133:2017 without any modification.

Annex ZA (informative)

Relationship between this European Standard and the Essential Requirements of EU Directive 2013/53/EU

This European standard has been prepared under a mandate given to CEN by the European Commission to provide one means of conforming to Essential Requirements of the New Approach Directive 2013/53/EU.

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 normative clauses of this standard given in Table ZA.1 confers, within the limits of the scope of this standard, a presumption of conformity with the relevant Essential Requirements of that Directive and associated EFTA regulations.

Table ZA.1: Correspondence between this European Standard and Directive 2013/53/EU

Clauses/subclauses of this European Standard	Essential requirements (ERs) of EU Directive 2013/53/EU	Qualifying remarks/Notes
Annex B	Annex 1 A, 2.5 - Owner's manual	
4, 5, 6, 7, 8, 9, 10, 11, 12, Annex A	Annex 1 A, 5.3 – Electrical system	<p>This standard is applicable for extra low-voltage Direct Current (DC) electrical systems which operate at nominal potentials of DC 50V or less.</p> <p>This standard does not give specific requirements for ventilation to prevent the accumulation of explosive gases emitted from batteries</p>
12	<p>Annex 1 A, 5.2.2 – Fuel system, fuel tanks</p> <p>Sub-clause (a) – protection against fire from [...] all other sources of ignition.</p>	In respect of ignition protection
4.4, 7.1, 7.13	Annex 1 A, 5.6.1 – Fire protection, general	

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

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