



**NSAI**  
Standards

Irish Standard  
I.S. EN 62747:2014&A1:2019

# Terminology for voltage-sourced converters (VSC) for high-voltage direct current (HVDC) systems

**I.S. EN 62747:2014&A1:2019**

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

EN 62747:2014/A1:2019

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

S.R. xxx: Standard Recommendation — recommendation based on the consensus of an expert panel and subject to public consultation.

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):*

*NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.*

*This document is based on:*

EN 62747:2014

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## National Foreword

I.S. EN 62747:2014&A1:2019 is the adopted Irish version of the European Document EN 62747:2014, Terminology for voltage-sourced converters (VSC) for high-voltage direct current (HVDC) systems

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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*In line with international standards practice the decimal point is shown as a comma (,) throughout this document.*

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 62747:2014/A1**

March 2019

ICS 29.200; 29.240.99

English Version

**Terminology for voltage-sourced converters (VSC) for high-voltage direct current (HVDC) systems  
(IEC 62747:2014/A1:2019)**

Terminologie relative aux convertisseurs de source de tension (VSC) des systèmes en courant continu à haute tension (CCHT)  
(IEC 62747:2014/A1:2019)

Terminologie für Spannungszwischenkreis-Stromrichter (VSC) für Hochspannungsgleichstrom(HGÜ)-Systeme  
(IEC 62747:2014/A1:2019)

This amendment A1 modifies the European Standard EN 62747:2014; it was approved by CENELEC on 2019-02-28. 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.

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



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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN 62747:2014/A1:2019 (E)****European foreword**

The text of document 22F/481/CDV, future IEC 62747/A1, prepared by SC 22F "Power electronics for electrical transmission and distribution systems" of IEC/TC 22 "Power electronic systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62747:2014/A1:2019.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2019-11-28
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-02-28

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

**Endorsement notice**

The text of the International Standard IEC 62747:2014/A1:2019 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

*Delete the following reference:*

IEC 60633	NOTE	Harmonized as EN 60633
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*Update the following references:*

IEC 62751-1	NOTE	Harmonized as EN 62751-1
IEC 62751-2	NOTE	Harmonized as EN 62751-2

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