



NSAI
Standards

Irish Standard
I.S. EN IEC 62477-2:2018

Safety requirements for power electronic converter systems and equipment - Part 2: Power electronic converters from 1 000 V AC or 1 500 V DC up to 36 kV AC or 54 kV DC

I.S. EN IEC 62477-2:2018

Incorporating amendments/corrigenda/National Annexes issued since publication:

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National Foreword

I.S. EN IEC 62477-2:2018 is the adopted Irish version of the European Document EN IEC 62477-2:2018, Safety requirements for power electronic converter systems and equipment - Part 2: Power electronic converters from 1 000 V AC or 1 500 V DC up to 36 kV AC or 54 kV DC

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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

EN IEC 62477-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2018

ICS 29.200

English Version

Safety requirements for power electronic converter systems and equipment - Part 2: Power electronic converters from 1 000 V AC or 1 500 V DC up to 36 kV AC or 54 kV DC (IEC 62477-2:2018)

Exigences de sécurité applicables aux systèmes et matériels électroniques de conversion de puissance - Partie 2: Convertisseurs électroniques de puissance entre 1 000 V en courant alternatif ou 1 500 V en courant continu et 36 kV en courant alternatif ou 54 kV en courant continu (IEC 62477-2:2018)

Sicherheitsanforderungen an Leistungshalbleiter-Umrichtersysteme und -Betriebsmittel - Teil 2: Leistungselektronik Umrichter von 1 000 V a.c. oder 1 500 V d.c. bis 36 kV a.c. oder 54 kV d.c. (IEC 62477-2:2018)

This European Standard was approved by CENELEC on 2018-07-26. CENELEC 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 CENELEC 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 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: Rue de la Science 23, B-1040 Brussels

EN IEC 62477-2:2018 (E)

European foreword

The text of document 22/290/FDIS, future edition 1 of IEC 62477-2, prepared by IEC/TC 22 "Power electronic systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62477-2:2018.

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) 2019-04-26
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-07-26

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Endorsement notice

The text of the International Standard IEC 62477-2:2018 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:

IEC 60071-1:2006	NOTE Harmonized as EN 60071-1:2006 (not modified)
IEC 60071-2:1996	NOTE Harmonized as EN 60071-2:1997 (not modified)
IEC 60146-1-1	NOTE Harmonized as EN 60146-1-1
IEC 60243-1:2013	NOTE Harmonized as EN 60243-1:2013 (not modified)
IEC 60529:1989	NOTE Harmonized as EN 60529:1991 (not modified)
IEC 60721-3 series	NOTE Harmonized as EN 60721-3 series
IEC 60990:2016	NOTE Harmonized as EN 60990:2016 (not modified)
IEC 61936-1	NOTE Harmonized as EN 61936-1
IEC 62271-200:2011	NOTE Harmonized as EN 62271-200:2012 (not modified)
IEC 62271-201:2014	NOTE Harmonized as EN 62271-201:2014 (not modified)

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