



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 62271-2:2003

ICS 29.130.10

**HIGH-VOLTAGE SWITCHGEAR AND
CONTROLGEAR
PART 2: SEISMIC QUALIFICATION FOR
RATED VOLTAGES OF 72,5 KV AND ABOVE
(IEC 62271-2:2003)**

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Údarás um Chaighdeán Náisiúnta na hÉireann

EUROPEAN STANDARD

EN 62271-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2003

ICS 29.130.10

English version

High-voltage switchgear and controlgear
Part 2: Seismic qualification for rated voltages of 72,5 kV and above
(IEC 62271-2:2003)

Appareillage à haute tension
Partie 2: Qualification sismique
pour tension assignée
égale ou supérieure à 72,5 kV
(CEI 62271-2:2003)

Hochspannungs-Schaltgeräte und
-Schaltanlagen
Teil 2: Erdbebenqualifikation für
Bemessungsspannungen
von 72,5 kV und darüber
(IEC 62271-2:2003)

This European Standard was approved by CENELEC on 2003-04-01. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and 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

The text of document 17C/291/FDIS, future edition 1 of IEC 62271-2, prepared by SC 17C, High-voltage switchgear and controlgear assemblies, of IEC TC 17, Switchgear and controlgear, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62271-2 on 2003-04-01.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2004-01-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2006-04-01

Annexes designated "normative" are part of the body of the standard.

Annexes designated "informative" are given for information only.

In this standard, annexes A and ZA are normative and annex B is informative.

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62271-2:2003 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-2-47	- ¹⁾	Environmental testing Part 2-47: Test methods - Mounting of components, equipment and other articles for vibration, impact and similar dynamic tests	EN 60068-2-47 + corr. June	1999 ²⁾ 2000
IEC 60068-2-57	- ¹⁾	Part 2-57: Tests - Test Ff: Vibration - Time-history method	EN 60068-2-57	2000 ²⁾
IEC 60068-3-3	- ¹⁾	Part 3: Guidance - Seismic test methods for equipments	EN 60068-3-3	1993 ²⁾
IEC 60517	- ¹⁾	Gas-insulated metal-enclosed switchgear for rated voltages of 72,5 kV and above	EN 60517 A11	1996 ²⁾ 1999
IEC 60694	- ¹⁾	Common specifications for high-voltage switchgear and controlgear standards	EN 60694 + corr. May	1996 ²⁾ 1999
IEC 62271-100	- ¹⁾	High-voltage switchgear and controlgear Part 100: High-voltage alternating- current circuit-breakers	EN 62271-100	2001 ²⁾

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

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Appareillage à haute tension –

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Qualification sismique pour tension assignée
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