



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 61071-2:1999**

ICS 31.060.70

**POWER ELECTRONIC CAPACITORS.  
PART 2: REQUIREMENTS FOR  
DISCONNECTING TEST ON FUSES,  
DESTRUCTION TEST, SELF-HEALING TEST  
AND ENDURANCE TEST. (IEC 1071-2:1994)**

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 61071-2**

February 1996

ICS 31.060.70

Descriptors: Electronic equipment, power capacitors, circuit breakers, tests, classifications, quality, performance tests, electrical endurance tests

English version

**Power electronic capacitors**  
**Part 2: Requirements for disconnecting test on fuses,**  
**destruction test, self-healing test and endurance test**  
**(IEC 1071-2:1994)**

Condensateurs pour l'électronique de puissance  
Partie 2: Prescriptions pour l'essai de déconnexion des coupe-circuit, essai de destruction, essai d'autorégénération et essai d'endurance  
(CEI 1071-2:1994)

Kondensatoren der Leistungselektronik  
Teil 2: Anforderungen an Ausschaltprüfungen von Sicherungen, Zerstörungsprüfung, Selbstheilungsprüfung und Lebensdauerprüfung  
(IEC 1071-2:1994)

This European Standard was approved by CENELEC on 1995-11-28. 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, 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 the Technical Report IEC 1071-2:1994, prepared by IEC TC 33, Power capacitors, was submitted to the formal vote and was approved by CENELEC as EN 61071-2 on 1995-11-28 without any modification.

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) 1996-12-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 1996-12-01

For products which have complied with the relevant national standard before 1996-12-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2001-12-01.

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

Annexes designated "informative" are given for information only.

In this standard, annexes B, C and ZA are normative and annexes A and D are informative.

Annex ZA has been added by CENELEC.

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### **Endorsement notice**

The text of the Technical Report IEC 1071-2:1994 was approved by CENELEC as a European Standard without any modification.

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**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 68	series	Environmental testing	HD 323 EN 60068	series series
IEC 1071-1	1991	Power electronic capacitors Part 1: General	-	-



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