



SLOVENSKI STANDARD
SIST EN 60168:1997/A2:2002
01-julij-2002

Tests on indoor and outdoor post insulators of ceramic material or glass for systems with nominal voltages greater than 1 kV - Amendment A2 (IEC 60168:1994/A2:2000)

Tests on indoor and outdoor post insulators of ceramic material or glass for systems with nominal voltages greater than 1 kV

Prüfungen an Innenraum- und Freiluft-Stützisolatoren aus keramischem Werkstoff oder Glas für Systeme mit Nennspannungen über 1 kV

(standards.iteh.ai)

Essais des supports isolants d'intérieur et d'extérieur, en matière céramique ou en verre, destinés à des installations de tension nominale supérieure à 1 kV

Ta slovenski standard je istoveten z: EN 60168:1994/A2:2000

ICS:

29.080.10 Izolatorji Insulators

SIST EN 60168:1997/A2:2002 en

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[SIST EN 60168:1997/A2:2002](https://standards.iteh.ai/catalog/standards/sist/6af57a3e-39be-45b2-a387-8b7ccf4db89a/sist-en-60168-1997-a2-2002)

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EUROPEAN STANDARD

EN 60168/A2

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2000

ICS 29.080.10

English version

**Tests on indoor and outdoor post insulators of ceramic material or glass
for systems with nominal voltages greater than 1 kV
(IEC 60168:1994/A2:2000)**

Essais des supports isolants d'intérieur
et d'extérieur, en matière céramique ou
en verre, destinés à des installations
de tension nominale supérieure à 1 kV
(CEI 60168:1994/A2:2000)

Prüfungen an Innenraum- und
Freiluft-Stützisolatoren aus keramischem
Werkstoff oder Glas für Systeme mit
Nennspannungen über 1 kV
(IEC 60168:1994/A2:2000)

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This amendment A2 modifies the European Standard EN 60168:1994; it was approved by CENELEC on 2000-11-01. 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 Central Secretariat 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 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, 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 document 36C/121/FDIS, future amendment 2 to IEC 60168:1994, prepared by SC 36C, Insulators for substations, of IEC TC 36, Insulators, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A2 to EN 60168:1994 on 2000-11-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2001-08-01
- latest date by which the national standards conflicting
with the amendment have to be withdrawn (dow) 2003-11-01

Endorsement notice

The text of amendment 2:2000 to the International Standard IEC 60168:1994 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
60168

1994

AMENDEMENT 2
AMENDMENT 2
2000-10

Amendement 2

**Essais des supports isolants d'intérieur
et d'extérieur, en matière céramique
ou en verre, destinés à des installations
de tension nominale supérieure à 1 000 V**

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Amendment 2

[SIST EN 60168:1997/A2:2002](https://standards.iteh.ai/catalog/standards/sist/6af57a3a-39be-45b2-a387-8b7cc4db589a/sist-en-60168-1997-a2-2002)

**Tests on indoor and outdoor post insulators
of ceramic material or glass for systems
with nominal voltages greater than 1 000 V**

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

B

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For price, see current catalogue*

FOREWORD

This amendment has been prepared by subcommittee 36C: Insulators for substations, of IEC technical committee 36: Insulators.

The text of this amendment is based on the following documents:

FDIS	RVD
36C/121/FDIS	36C/124/RVD

Full information on the voting for the approval of this amendment can be found in the report on voting indicated in the above table.

The committee has decided that the content of the base publication and its amendments will remain unchanged until 2007. At this date, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition; or
- amended.

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5.6 Porosity test – Sample test (applicable only to ceramic post insulators)

[SIST EN 60168:1997/A2:2002](https://standards.iteh.ai/catalog/standards/sist/6af57a3e-39be-45b2-a387-8b7ccf4db89a/sist-en-60168-1997-a2-2002)

5.6.1 Test procedure

<https://standards.iteh.ai/catalog/standards/sist/6af57a3e-39be-45b2-a387-8b7ccf4db89a/sist-en-60168-1997-a2-2002>

Replace this subclause by the following subclause:

5.6.1 Test procedure

Ceramic fragments from the insulators or, by agreement, from representative pieces of ceramic fired adjacent to the insulators, shall be immersed in a 3 % solution of red/violet Methin dye (such as Astrazon or Basonil¹⁾) in either methyl alcohol or ethyl alcohol, under a pressure of not less than 15 MPa for a time such that the product of the test duration in hours and the test pressure in megapascals is not less than 180.

The fragments shall then be removed from the solution, washed, dried and again broken.

¹⁾ Astrazon and Basonil are examples of suitable products available commercially. This information is given for the convenience of users of this International Standard and does not constitute an endorsement by IEC of these products.