



National Standards Authority of Ireland

STANDARD

I.S. EN 60044-5:2004

ICS 17.220.20

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**INSTRUMENT TRANSFORMERS PART 5:
CAPACITOR VOLTAGE TRANSFORMERS
(OEC 60044-5:2004)**

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EUROPEAN STANDARD

EN 60044-5

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2004

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Supersedes HD 554 S1:1992

English version

Instrument transformers
Part 5: Capacitor voltage transformers
(IEC 60044-5:2004)

Transformateurs de mesure
Partie 5: Transformateurs condensateurs
de tension
(CEI 60044-5:2004)

Messwandler
Teil 5: Kapazitive Spannungswandler
(IEC 60044-5:2004)

This European Standard was approved by CENELEC on 2004-06-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, 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 38/320/FDIS, future edition 1 of IEC 60044-5, prepared by IEC TC 38, Instrument transformers, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60044-5 on 2004-06-01.

This European Standard, together with EN 60044-2:1999, supersedes HD 554 S1:1992.

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) 2005-03-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2007-06-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60044-5:2004 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60721 NOTE Harmonized in EN 60721 series (not modified).

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE Where 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 60028	- ¹⁾	International standard of resistance for copper	-	-
IEC 60038 (mod)	- ¹⁾	IEC standard voltages ²⁾	HD 472 S1 + corr. February	1989 ³⁾ 2002
IEC 60044-2 (mod)	- ¹⁾	Instrument transformers Part 2: Inductive voltage transformers	EN 60044-2	1999 ³⁾
IEC 60050-321	- ¹⁾	International electrotechnical vocabulary - Chapter 321: Instrument transformers	-	-
IEC 60050-436	- ¹⁾	Chapter 436: Power capacitors	-	-
IEC 60050-601	- ¹⁾	Chapter 601: Generation, transmission and distribution of electricity - General	-	-
IEC 60050-604	- ¹⁾	Chapter 604: Generation, transmission and distribution of electricity - Operation	-	-
IEC 60060-1	- ¹⁾	High-voltage test techniques Part 1: General definitions and test requirements	HD 588.1 S1	1991 ³⁾
IEC 60071-1	- ¹⁾	Insulation co-ordination Part 1: Definitions, principles and rules	EN 60071-1	1995 ³⁾
IEC 60085	- ¹⁾	Thermal evaluation and classification of electrical insulation	HD 566 S1	1990 ³⁾
IEC 60270	- ¹⁾	High-voltage test techniques - Partial discharge measurements	EN 60270	2001 ³⁾
IEC 60358	- ¹⁾	Coupling capacitors and capacitor dividers	HD 597 S1 + corr. March	1992 ³⁾ 1992

1) Undated reference.

2) The title of HD 472 S1 is: Nominal voltages for low-voltage public electricity supply systems.

3) Valid edition at date of issue.

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60481	- ¹⁾	Coupling devices for power line carrier systems	-	-
IEC 60815	- ¹⁾	Guide for the selection of insulators in respect of polluted conditions	-	-
IEC 62155 (mod)	- ¹⁾	Hollow pressurized and unpressurized ceramic and glass insulators for use in electrical equipment with rated voltages greater than 1 000 V	EN 62155	2003 ³⁾
CISPR 18-2	- ¹⁾	Radio interference characteristics of overhead power lines and high-voltage equipment - Part 2: Methods of measurement and procedure for determining limits	-	-

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