



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60044-6:1999

ICS 17.220.20

**INSTRUMENT TRANSFORMERS. PART 6:
REQUIREMENTS FOR PROTECTIVE
CURRENT TRANSFORMERS FOR
TRANSIENT PERFORMANCE
(IEC 60044-6:1992, MODIFIED)**

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EUROPEAN STANDARD
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EN 60044-6

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English version

Instrument transformers
Part 6: Requirements for protective current transformers
for transient performance
(IEC 60044-6:1992, modified)

Transformateurs de mesure
Partie 6: Prescriptions concernant
les transformateurs de courant pour
protection pour la réponse en régime
transitoire
(CEI 60044-6:1992, modifiée)

Meßwandler
Teil 6: Anforderungen an Stromwandler
für Schutzzwecke für transientes
Übertragungsverhalten
(IEC 60044-6:1992, modifiziert)

This European Standard was approved by CENELEC on 1999-01-01. 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, 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

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Foreword

The text of the International Standard IEC 60044-6:1992, prepared by IEC TC 38, Instrument transformers, together with common modifications prepared by, the Technical Committee CENELEC TC 38X, Instrument transformers was submitted to the formal vote and was approved by CENELEC as EN 60044-6 on 1999-01-01.

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) 2000-01-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2000-01-01

This part 6 of EN 60044 is to be used in conjunction with IEC 60044-1:1996.

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

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

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60044-6:1992 was approved by CENELEC as a European Standard with agreed common modifications as given below.

COMMON MODIFICATIONS

Introduction

Replace the 1st sentence by the following:

Performance criteria for class P current transformers included in clause 12 of IEC 60044-1 relate to a steady state a.c. symmetrical primary energizing current which allows the limiting secondary e.m.f. to be as defined in 2.2.4 of IEC 60044-1.

1 Scope

Replace the beginning by the following:

This part of IEC 60044 covers the requirements and tests, in addition to those in IEC 60044-1, that are necessary ...

2 Normative references

Replace "IEC 185:1987, Current transformers" by:

IEC 60044-1:1996 Instrument transformers -- Part 1: Current transformers

4 Ratings and performance requirements

4.2.2 **Replace** "4.1 of IEC 185" by "4.1.1 of IEC 60044-1".

6 Marking of rating plate

Replace "clause 23 of IEC 185" by "subclause 10.2 of IEC 60044-1".

Table 3 **Replace** the first five rows by the following:

CT class	TPS	TPX	TPY	TPZ	References		
					to IEC 60044-1	to IEC 60044-6	Notes
I_{pn}	x	x	x	x	2.1.6	-	1
I_{sn}	x	x	x	x	2.1.7	-	1
I_{th}	x	x	x	x	2.1.27	-	3
I_{dyn}	x	x	x	x	2.1.28	-	3

Annex D, D.1 In the 2nd paragraph,

replace "(see chapter III of IEC 185)" by "(see clause 12 of IEC 60044-1)"

and

"item b) of clause 39 of IEC 185" by "item b) of subclause 12.5 of IEC 60044-1".

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