



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61558-1:2006

ICS 29.180

**SAFETY OF POWER TRANSFORMERS,  
POWER SUPPLIES, REACTORS AND  
SIMILAR PRODUCTS -- PART 1: GENERAL  
REQUIREMENTS AND TESTS (IEC  
61558-1:2005)**

National Standards  
Authority of Ireland  
Glasnevin, Dublin 9  
Ireland

Tel: +353 1 807 3800  
Fax: +353 1 807 3838  
<http://www.nsai.ie>

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**NSAI**  
Standards

Amendment  
EN 61558-1:2005/A1:2009

Safety of power transformers,  
power supplies, reactors and  
similar products -- Part 1: General  
requirements and tests (IEC 61558  
-1:2005/A1:2009 (EQV))

## EN 61558-1:2005/A1:2009

*Incorporating amendments/corrigenda issued since publication:*

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<b>NSAI</b> 1 Swift Square, Northwood, Santry Dublin 9	<b>T</b> +353 1 807 3800 <b>F</b> +353 1 807 3838 <b>E</b> standards@nsai.ie <b>W</b> NSAI.ie	<b>Sales:</b> <b>T</b> +353 1 857 6730 <b>F</b> +353 1 857 6729 <b>W</b> standards.ie	<b>Price Code:</b> <b>A</b>
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EUROPEAN STANDARD

**EN 61558-1/A1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2009

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ICS 29.180

English version

**Safety of power transformers, power supplies,  
reactors and similar products -  
Part 1: General requirements and tests  
(IEC 61558-1:2005/A1:2009)**

Sécurité des transformateurs,  
alimentations, bobines d'inductance  
et produits analogues -  
Partie 1: Exigences générales et essais  
(CEI 61558-1:2005/A1:2009)

Sicherheit von Transformatoren,  
Netzgeräten, Drosseln und dergleichen -  
Teil 1: Allgemeine Anforderungen  
und Prüfungen  
(IEC 61558-1:2005/A1:2009)

This amendment A1 modifies the European Standard EN 61558-1:2005; it was approved by CENELEC on 2009-03-01. 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, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

**CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Central Secretariat: avenue Marnix 17, B - 1000 Brussels**

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**I.S. EN 61558-1:2005/A1:2009**

EN 61558-1:2005/A1:2009

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**Foreword**

The text of document 96/314/FDIS, future amendment 1 to IEC 61558-1:2005, prepared by IEC TC 96, Transformers, reactors, power supply units and similar products for low voltage up to 1 100 V, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 61558-1:2005 on 2009-03-01.

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) 2009-12-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2012-03-01

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**Endorsement notice**

The text of amendment 1:2009 to the International Standard IEC 61558-1:2005 was approved by CENELEC as an amendment to the European Standard without any modification.

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# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

GROUP SAFETY PUBLICATION  
PUBLICATION GROUPEE DE SÉCURITÉ

AMENDMENT 1  
AMENDEMENT 1

**Safety of power transformers, power supplies, reactors and similar products –  
Part 1: General requirements and tests**

**Sécurité des transformateurs, alimentations, bobines d'inductance et produits  
analogues –  
Partie 1: Exigences générales et essais**



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