

# Safety of power transformers, power supplies, reactors and similar products —

## Part 1: General requirements and tests

The European Standard EN 61558-1:2005 has the status of a  
British Standard

ICS 29.180

## National foreword

This British Standard was published by BSI. It is the UK implementation of EN 61558-1:2005, incorporating corrigendum August 2006. It is identical with IEC 61558-1:2005. It supersedes BS EN 61558-1:1998 which will be withdrawn on 1 October 2008.

The start and finish of text introduced or altered by corrigendum is indicated in the text by tags **AC** **AC**. Text altered by CEN corrigendum August 2006 is indicated in the text by **AC1** **AC1**.

The UK participation in its preparation was entrusted to Technical Committee PEL/96, Small transformers.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

**Compliance with a British Standard cannot confer immunity from legal obligations.**

### Amendments issued since publication

Amd. No.	Date	Comments
16909 Corrigendum No. 1	28 February 2007	See national foreword

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 28 April 2006

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ISBN 0 580 48196 4

EUROPEAN STANDARD

**EN 61558-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2005

ICS 29.180

Supersedes EN 61558-1:1997 + A1:1998 + A11:2003  
Incorporating corrigendum August 2006

English version

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

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

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

This European Standard was approved by CENELEC on 2005-10-01. 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

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