

**BRITISH STANDARD**

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**BS EN  
61558-2-1 : 1998  
IEC 61558-2-1 :  
1997**

# **Safety of power transformers, power supply units and similar**

## **Part 2.1 Particular requirements for separating transformers for general use**

The European Standard EN 61558-2-1 : 1997 has the status of a  
British Standard

ICS 29.180

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## National foreword

This British Standard is the English language version of EN 61558-2-1 : 1997. It was derived by CENELEC from IEC 61558-2-1 : 1997.

The BS EN 61558 series of standards will ultimately supersede BS 3535 : Part 1, dual numbered as BS EN 60742 : 1989, and BS 3535 : Part 2. Until that time arrives, these latter standards are only to be used for equipment not covered by the BS EN 61558 series.

The UK participation in its preparation was entrusted to Technical Committee PEL/96, Small transformers, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

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

From 1 January 1997, all IEC publications have the number 60000 added to the old number. For instance, IEC 27-1 has been renumbered as IEC 60027-1. For a period of time during the change over from one numbering system to the other, publications may contain identifiers from both systems.

### Cross-references

Attention is drawn to the fact that CEN and CENELEC Standards normally include an annex which lists normative references to international publications with their corresponding European publications. The British Standards which implement these international or European publications may be found in the BSI Standards Catalogue under the section entitled 'International Standards Correspondence Index', or by using the 'Find' facility of the BSI Standards Electronic Catalogue.

**Compliance with a British Standard does not of itself confer immunity from legal obligations.**

### Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 8, an inside back cover and a back cover.

This British Standard, having been prepared under the direction of the Electrotechnical Sector Board, was published under the authority of the Standards Board and comes into effect on 15 January 1998

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### Amendments issued since publication

Amd. No.	Date	Text affected

**EUROPEAN STANDARD**  
**NORME EUROPÉENNE**  
**EUROPÄISCHE NORM**

**EN 61558-2-1**

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**Descriptors:** Transformers, electrical insulation, safety requirements, detail specifications, characteristics, ability to withstand short circuit, overload protection, mechanical strength, insulation resistance

English version

**Safety of power transformers, power supply units and similar**  
**Part 2-1: Particular requirements for separating transformers for general use**  
**(IEC 61558-2-1:1997)**

**Sécurité des transformateurs, blocs d'alimentation et analogues**  
**Partie 2-1: Règles particulières pour les transformateurs d'isolement à enroulement séparés pour usage général**  
**(CEI 61558-2-1:1997)**

**Sicherheit von Transformatoren, Netzgeräten und dergleichen**  
**Teil 2: Besondere Anforderungen an Transformatoren mit getrennten Wicklungen für allgemeine Anwendungen**  
**(IEC 61558-2-1:1997)**

This European Standard was approved by CENELEC on 1997-07-01. 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.

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**CENELEC**

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

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