

BRITISH STANDARD

**BS EN
61558-2-17 :
1998
IEC 61558-2-17 :
1997**

Safety of power transformers, power supply units and similar

Part 2.17 Particular requirements for transformers for switch mode power supplies

The European Standard EN 61558-2-17 : 1997 has the status of a
British Standard

ICS 29.180

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BS EN 61558-2-17 : 1998

National foreword

This British Standard is the English language version of EN 61558-2-17 : 1997. It was derived by CENELEC from IEC 61558-2-17 : 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 12, an inside back cover and a back cover.

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EUROPEAN STANDARD

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NORME EUROPÉENNE

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Descriptors: Transformers, electric power supply, protective transformers, isolating transformers, safety requirements, detail specifications, characteristics, ability to withstand short circuit, overload protection, temperature rise, mechanical strength, insulation resistance

English version

**Safety of power transformers, power supply units and similar
Part 2-17: Particular requirements for transformers
for switch mode power supplies
(IEC 61558-2-17:1997)**

Sécurité des transformateurs, blocs
d'alimentation et analogues
Partie 2-17: Règles particulières pour les
transformateurs pour alimentation à
découpage
(CEI 61558-2-17:1997)

Sicherheit von Transformatoren,
Netzgeräten und dergleichen
Teil 2: Besondere Anforderungen an
Transformatoren für Schaltnetzteile
(IEC 61558-2-17:1997)

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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