
Safety of power transformers, power supply units and similar - Part 2-2: Particular requirements for control transformers (IEC 61558-2-2:1997)

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EUROPEAN STANDARD

EN 61558-2-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 1998

ICS 29.180

English version

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

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

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

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This European Standard was approved by CENELEC on 1998-02-02. 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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 96/92/FDIS, future edition 1 of IEC 61558-2-2, prepared by IEC TC 96, Small power transformers, reactors and power supply units and special transformers, reactors and power supply units: safety requirements, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61558-2-2 on 1998-01-01.

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) 1998-10-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2002-01-01

This part 2-2 of EN 61558 is to be used in conjunction with EN 61558-1:1997.

This part 2 supplements or modifies the corresponding clauses of EN 61558-1, so as to convert it into the European Standard "Particular requirements for control transformers".

When a particular clause or subclause of part 1 is not mentioned in this part 2, that clause or subclause applies as far as is reasonable. Where this part 2 states "addition", "modification" or "replacement", the relevant text of part 1 is to be adapted accordingly.

Subclauses which are additional to those in part 1 are numbered starting from 101.

There are no special national conditions (snc) causing a deviation from this European Standard other than those listed in annex ZA of EN 61558-1.

Endorsement notice

The text of the International Standard IEC 61558-2-2:1997 was approved by CENELEC as a European Standard without any modification.

Corrigendum to EN 61558-2-2:1998

English version

In the English text of IEC 61558-2-2:1997

Clause 1, Scope

Delete "or 1 415 V ripple free d.c.".

February 1998

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

61558-2-2

Première édition
First edition
1997-10

PUBLICATION GROUPÉE DE SÉCURITÉ
GROUP SAFETY PUBLICATION

**Sécurité des transformateurs, blocs d'alimentation
et analogues –**

**Partie 2-2:
Règles particulières pour les transformateurs
de commande**

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**Safety of power transformers, power supply units
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**Part 2-2:
Particular requirements for control transformers**

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SAFETY OF POWER TRANSFORMERS,
POWER SUPPLY UNITS AND SIMILAR –

Part 2-2: Particular requirements for control transformers

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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- 5) The IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with one of its standards.
- 6) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International standard IEC 61558-2-2 has been prepared by technical committee 96: Small power transformers, reactors and **power supply units** and special transformers, reactors and **power supply units**: Safety requirements.

It has the status of a group safety publication in accordance with IEC Guide 104: Guide for the drafting of safety standards, and the role of committees with safety pilot functions and safety group functions (1984).

The text of this standard is based on the following documents:

FDIS	Report on voting
96/92/FDIS	96/102/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This part 2-2 is intended to be used in conjunction with IEC 61558-1. It was established on the basis of the first edition (1997) of that standard.

This part 2-2 supplements or modifies the corresponding clauses in IEC 61558-1, so as to convert that publication into the IEC standard: *Particular requirements for control transformers*.

When a particular subclause of part 1 is not mentioned in this part 2-2, that subclause applies as far as is reasonable. Where this standard states "addition", "modification" or "replacement", the relevant text of part 1 is to be adapted accordingly.

This standard replaces chapter II, section 1 of IEC 60989.

In this standard, the following print types are used:

- requirements proper: in roman type;
- *test specifications: in italic type;*
- explanatory matter: in smaller roman type.

In the text of the standard the words in **bold** are defined in clause 3.

Subclauses which are additional to those in part 1 are numbered starting from 101; supplementary annexes are entitled AA, BB, etc.

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