

# **SLOVENSKI STANDARD**

## **SIST EN 61558-2-5:1999**

**01-julij-1999**

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**Safety of power transformers, power supply units and similar - Part 2-5: Particular requirements for shaver transformers and shaver supply units (IEC 61558-2-5:1997)**

Safety of power transformers, power supply units and similar -- Part 2-5: Particular requirements for shaver transformers and shaver supply units

Sicherheit von Transformatoren, Netzgeräten und dergleichen -- Teil 2-5: Besondere Anforderungen an Rasiersteckdosen-Transformatoren und Rasiersteckdosen-Einheiten  
(standards.iteh.ai)

Sécurité des transformateurs, blocs d'alimentation et analogue -- Partie 2-5: Règles particulières pour les transformateurs et les blocs d'alimentation pour rasoirs

<https://standards.iteh.ai/catalog/standards/sist/a7661c0f-45ac-4c1b-b47a-75669826b2f9/sist-en-61558-2-5-1999>

**Ta slovenski standard je istoveten z: EN 61558-2-5:1998**

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**ICS:**

29.180	Transformatorji. Dušilke	Transformers. Reactors
97.170	Oprema za nego telesa	Body care equipment

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**en**

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English version

**Safety of power transformers, power supply units and similar  
Part 2-5: Particular requirements for shaver transformers  
and shaver supply units  
(IEC 61558-2-5:1997)**

Sécurité des transformateurs,  
blocs d'alimentation et analogue  
Partie 2-5: Règles particulières  
pour les transformateurs et  
les blocs d'alimentation  
pour rasoirs  
(CEI 61558-2-5:1997)

Sicherheit von Transformatoren,  
Netzgeräten und dergleichen  
Teil 2-5: Besondere Anforderungen an  
Rasiersteckdosen-Transformatoren  
und Rasiersteckdosen-Einheiten  
(IEC 61558-2-5:1997)

SIST EN 61558-2-5:1999

This European Standard was approved by CENELEC on 1998-01-01. 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, 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 96/93/FDIS, future edition 1 of IEC 61558-2-5, 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 61558-2-5 on 1998-01-01.

This European Standard supersedes chapter II, section 1 of EN 60742:1995.

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 2-5 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 separating transformers for general use".

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 and tables 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.

Normative references related to this part 2 are listed in annex ZB and are in addition to those in EN 61558-1.

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## Endorsement notice

The text of the International Standard IEC 61558-2-5:1997 was approved by CENELEC as a European Standard without any modification.

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**Annex ZB** (normative)

**Normative references to international publications  
with their corresponding European publications**

Addition:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-2-62	1991	Environmental testing Part 2: Test methods Test Ef: Impact, pendulum hammer	EN 60068-2-62 <sup>1)</sup>	1995
IEC 60670	1989	General requirements for enclosures for accessories for household and similar fixed electrical installations	-	-

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# NORME INTERNATIONALE INTERNATIONAL STANDARD

**CEI  
IEC**

**61558-2-5**

Première édition  
First edition  
1997-12

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PUBLICATION GROUPÉE DE SÉCURITÉ  
GROUP SAFETY PUBLICATION

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

### **Partie 2-5: Règles particulières pour les transformateurs et les blocs d'alimentation pour rasoirs**

(standards.iteh.ai)

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

### **Part 2-5: Particular requirements for shaver transformers and shaver supply units**

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

CODE PRIX  
PRICE CODE

**M**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

SAFETY OF POWER TRANSFORMERS,  
POWER SUPPLY UNITS AND SIMILAR –Part 2-5: Particular requirements for shaver transformers  
and shaver supply units

## 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.
- 2) The formal decisions or agreements of the IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested National Committees.
- 3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.  
<https://standards.iteh.ai/catalog/standards/sist/a9bbfc0f-45ae-4cf9-b47a-368326242881/iec-61558-2-5-1999>
- 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 61558-2-5 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
96/93/FDIS	96/103/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 2-5 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 2-5 supplements or modifies the corresponding clauses in IEC 61558-1, so as to convert that publication into the IEC standard: Particular requirements for shaver transformers and shaver supply units.



When a particular subclause of part 1 is not mentioned in this part 2-5, 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 60742.

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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