

SLOVENSKI STANDARD

SIST EN IEC 61558-2-5:2025

01-maj-2025

Nadomešča:
SIST EN 61558-2-5:2010

**Varnost transformatorjev, dušilk, napajalnikov in kombinacij teh elementov - 2-5.
del: Posebne zahteve in preskusi za transformatorje za brivnike in napajalnike
brivnikov**

Safety of transformers, reactors, power supply units and combinations thereof - Part 2-5:
Particular requirements and test for transformer for shavers, power supply units for
shavers and shaver supply units

Sicherheit von Transformatoren, Drosseln, Netzgeräten und entsprechenden
Kombinationen - Teil 2-5: Besondere Anforderungen und Prüfungen an Transformatoren
für Rasierer, Netzgeräte für Rasierer und Rasiersteckdosen-Einheiten

Sécurité des transformateurs, bobines d'inductance, blocs d'alimentation et des
combinaisons de ces éléments - Partie 2-5: Règles particulières et essais pour les
transformateurs pour rasoirs, blocs d'alimentation incorporant un transformateur pour
rasoirs et blocs d'alimentation pour rasoirs

Ta slovenski standard je istoveten z: EN IEC 61558-2-5:2025

ICS:

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

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English Version

Safety of transformers, reactors, power supply units and combinations thereof - Part 2-5: Particular requirements and test for transformer for shavers, power supply units for shavers and shaver supply units
(IEC 61558-2-5:2024)

Sécurité des transformateurs, bobines d'inductance, blocs d'alimentation et combinaisons de ces éléments - Partie 2-5 : Exigences particulières et essais pour les transformateurs pour rasoirs, les blocs d'alimentation incorporant un transformateur pour rasoir et les blocs d'alimentation pour rasoirs
(IEC 61558-2-5:2024)

Sicherheit von Transformatoren, Drosseln, Netzgeräten und entsprechenden Kombinationen - Teil 2-5: Besondere Anforderungen und Prüfungen an Transformatoren für Rasierer, Netzgeräte für Rasierer und Rasiersteckdosen-Einheiten
(IEC 61558-2-5:2024)

This European Standard was approved by CENELEC on 2024-10-16. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Annex ZA of EN IEC 61558-1:2019 is applicable, except as follows:

Add:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-2-62 ¹	1991	Environmental testing -- Part 2: Test methods - Test Ef: Impact, pendulum hammer	EN 60068-2-62 ²	1995
IEC/TR 60083	-	Plugs and socket-outlets for domestic and similar general use standardized in member countries of IEC	-	-
IEC 60670	series	Boxes and enclosures for electrical accessories for household and similar fixed electrical installations	EN IEC 60670	series
IEC 61558-1	2017	Safety of transformers, reactors, power supply units and combinations thereof - Part 1: General requirements and tests	EN IEC 61558-1	2019
IEC 61558-2-16	-	Safety of transformers, reactors, power supply units and combinations thereof - Part 2-16: Particular requirements and tests for switch mode power supply units and transformers for switch mode power supply units for general applications	EN IEC 61558-2-16	-

¹ This standard has been withdrawn and replaced with IEC 60068-2-75:1997.

² This standard has been withdrawn and replaced with EN 60068-2-75:1997.



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INTERNATIONAL STANDARD

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**Safety of transformers, reactors, power supply units and combinations thereof –
Part 2-5: Particular requirements and tests for transformers for shavers, power
supply units for shavers and shaver supply units**

**Sécurité des transformateurs, bobines d'inductance, blocs d'alimentation et
combinaisons de ces éléments –**

**Partie 2-5 : Exigences particulières et essais pour les transformateurs pour
rasoirs, les blocs d'alimentation incorporant un transformateur pour rasoir et
les blocs d'alimentation pour rasoirs**

INTERNATIONAL
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SAFETY OF TRANSFORMERS, REACTORS, POWER SUPPLY UNITS AND COMBINATIONS THEREOF –

Part 2-5: Particular requirements and tests for transformers for shavers, power supply units for shavers and shaver supply units

FOREWORD

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IEC 61558-2-5 has been prepared by IEC technical committee 96: Transformers, reactors, power supply units and combinations thereof. It is an International Standard.

This third edition cancels and replaces the second edition published in 2010. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) adjustment of structure and references in accordance with IEC 61558-1:2017;
- b) new symbol for power supply unit with linearly regulated output voltage.

The text of this International Standard is based on the following documents:

Draft	Report on voting
96/599/FDIS	96/600/RVD

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

It has the status of a group safety publication in accordance with IEC Guide 104.

This document is to be used in conjunction with IEC 61558-1:2017.

This document supplements or modifies the corresponding clauses in IEC 61558-1:2017, so as to convert that publication into the IEC standard: *Particular requirements and tests for transformers for shavers, power supply units for shavers and shaver supply units*.

A list of all parts in the IEC 61558 series published under the general title *Safety of transformers, reactors, power supply units and combinations thereof*, can be found on the IEC website.

Future standards in this series will carry the new general title as cited above. Titles of existing standards in this series will be updated at the time of the next edition.

Where this document states "*addition*", "*modification*" or "*replacement*", the relevant text of IEC 61558-1:2017 is to be adopted accordingly.

In this document, 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 this document, the words in **bold** are defined in Clause 3.

Subclauses, notes, figures and tables additional to those in IEC 61558-1:2017 are numbered starting from 101; supplementary annexes are entitled AA, BB, etc.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.