



SLOVENSKI STANDARD
SIST EN 60335-2-21:2000/A11:2002
01-september-2002

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Safety of household and similar electrical appliances -- Part 2-21: Particular requirements for storage water heaters

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke -- Teil 2-21: Besondere Anforderungen für Wasssererwärmer (Warmwasserspeicher und Warmwasserboiler)

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Sécurité des appareils électrodomestiques et analogues -- Partie 2-21: Règles particulières pour les chauffe-eau à accumulation

<https://standards.iteh.ai/catalog/standards/sist/ece31795-cf86-4a4c-8dac-1052d939fd05/sist-en-60335-2-21-2000-a11-2002>

Ta slovenski standard je istoveten z: EN 60335-2-21:1999/A11:2002

ICS:

13.120	Varnost na domu	Domestic safety
91.140.65	Oprema za ogrevanje vode	Water heating equipment

SIST EN 60335-2-21:2000/A11:2002 en

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[SIST EN 60335-2-21:2000/A11:2002](https://standards.iteh.ai/catalog/standards/sist/ece31795-cf86-4a4c-8dac-1052d939fd05/sist-en-60335-2-21-2000-a11-2002)

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EUROPEAN STANDARD

EN 60335-2-21/A11

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2002

ICS 91.140.65; 13.120

English version

**Safety of household and similar electrical appliances
Part 2-21: Particular requirements for storage water heaters**

Sécurité des appareils électrodomestiques
et analogues
Partie 2-21: Règles particulières pour les
chauffe-eau à accumulation

Sicherheit elektrischer Geräte für den
Hausgebrauch und ähnliche Zwecke
Teil 2-21: Besondere Anforderungen für
Wassererwärmer (Warmwasserspeicher
und Warmwasserboiler)

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This amendment A11 modifies the European Standard EN 60335-2-21:1999; it was approved by CENELEC on 2002-05-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

<https://standards.iteh.ai/catalog/standards/sist/ecc51795-c86-4a4c-8dac-1052d939fd05/sist-en-60335-2-21-2000-a11-2002>

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 amendment 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, Malta, 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

A proposal to amend EN 60335-2-21:1999 was discussed during the Delft meeting of CENELEC TC 61 in May 2001 when it was decided to submit a draft for an amendment to the Unique Acceptance Procedure.

The draft was circulated in September 2001 and was approved by CENELEC as amendment A11 to EN 60335-2-21 on 2002-05-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2002-06-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2002-06-01

This amendment supplements or modifies the corresponding clauses of EN 60335-2-21:1999.

There are no special national conditions causing a deviation from this amendment.

There are no national deviations from this amendment.

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24.102 Replacement:

The operating temperature of the **thermal cut-out** of a **closed water heater** shall ensure that the water temperature cannot exceed 99 °C or the **thermal cut-out** operates before its temperature exceeds 110 °C.

*Compliance is checked by the test of 24.102.1 for water temperatures not exceeding 99 °C or by the test of 24.102.2 for **thermal cut-outs** having an operating temperature up to 110 °C.*

24.102.2 Replacement:

*The operating temperature of the **thermal cut-out** is measured by means of a thermocouple positioned on its sensing element or as close as possible to it.*

*The appliance is operated under **normal operation** at **rated power input** with the outlet valve closed and **thermostats** short-circuited until the **thermal cut-out** operates.*

*The **thermal cut-out** shall operate before its temperature exceeds 110 °C.*

During the test, compliance with 19.13 shall not be impaired.
