



**SLOVENSKI STANDARD**  
**SIST HD 398.3 S1:1997/A1:1997**  
**01-oktober-1997**

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**Power transformers - Part 3: Insulation levels and dielectric tests - Amendment A1**

Power transformers -- Part 3: Insulation levels and dielectric tests

Leistungstransformatoren -- Teil 3: Isolationspegel und Spannungsprüfungen

Transformateurs de puissance -- Partie 3: Niveaux d'isolement et essais diélectriques

**Ta slovenski standard je istoveten z: HD 398.3 S1:1986/A1:1995**

[SIST HD 398.3 S1:1997/A1:1997](https://standards.iteh.ai/catalog/standards/sist/5bded5c5-ca0f-4523-970c-1fd8ede14c0a/sist-hd-398-3-s1-1997-a1-1997)

<https://standards.iteh.ai/catalog/standards/sist/5bded5c5-ca0f-4523-970c-1fd8ede14c0a/sist-hd-398-3-s1-1997-a1-1997>

**ICS:**

29.180      Transformatorji. Dušilke      Transformers. Reactors

**SIST HD 398.3 S1:1997/A1:1997**      **en**

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HARMONIZATION DOCUMENT  
DOCUMENT D'HARMONISATION  
HARMONISIERUNGSDOKUMENT

**HD 398.3 S1/A1**

April 1995

UDC 621.314.2.016.2.001.2.001.4.004.12 (083.71)  
ICS 29.180

Descriptors: Power transformers, requirements, testing, properties, definitions, insulation levels, dielectric tests

English version

**Power transformers**  
**Part 3: Insulation levels and dielectric tests**

Transformateurs de puissance  
Partie 3: Niveaux d'isolement et essais  
diélectriques

Leistungstransformatoren  
Teil 3: Isolationspegel und  
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This amendment A1 modifies the Harmonization Document HD 398.3 S1:1986; it was approved by CENELEC on 1995-03-06. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this amendment on a national level.

Up-to-date lists and bibliographical references concerning such national implementation may be obtained on application to the Central Secretariat or to any CENELEC member.

This amendment exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, 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

This amendment was prepared by the Technical Committee CENELEC TC 14, Power transformers.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A1 to HD 398.3 S1:1986 on 1995-03-06.

The following dates were fixed:

- latest date by which the existence of the amendment has to be announced at national level (doa) 1995-09-15
- latest date by which the amendment has to be implemented at national level by publication of a harmonized national standard or by endorsement (dop) 1996-03-15
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1996-03-15

## 5.2 Insulation requirements and dielectric tests for windings with $U_m < 300$ kV, uniform insulation

Replace the note by:

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**NOTE:** Distribution transformers for suburban or rural installations are in some countries severely exposed to overvoltages. In such cases, higher test voltages, lightning impulse tests on individual units or additional tests, which are not mentioned here, may be specified in a national standard. In the absence of such a specification in a national standard, an agreement may be made between manufacturer and purchaser.