



SLOVENSKI STANDARD
SIST HD 22.2 S2:1998/A5:1998
01-februar-1998

**Rubber insulated cables of rated voltages up to and including 450/750 V - Part 2:
Test methods - Amendment A5**

Rubber insulated cables of rated voltages up to and including 450/750 V -- Part 2: Test methods

Gummi-isolierte Leitungen mit Nennspannungen bis 450/750 V -- Teil 2: Prüfverfahren

Conducteurs et câbles isolés au caoutchouc de tension assignée au plus égale à 450/750 V -- Partie 2: Méthodes d'essais

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Ta slovenski standard je istoveten z: HD 22.2 S2:1992/A5:1992

ICS:

29.060.20 Kabli Cables

SIST HD 22.2 S2:1998/A5:1998 en

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HARMONIZATION DOCUMENT

HD 22.2 S2/A5

DOCUMENT D'HARMONISATION

HARMONISIERUNGSDOKUMENT

May 1992

UDC 621.315.211.2.027.475.001.4

Descriptors: see HD 22.2 S2:1992



REPUBLIKA SLOVENIJA
 MINISTRSTVO ZA ZNANOST IN TEHNOLOGIJO
 Urad RS za standardizacijo in meroslovje
 LJUBLJANA

ENGLISH VERSION

Rubber insulated cables of rated voltages up to and including 450/750 V
 Part 2: Test methods

SIST.....HD.22.2.S2/A5.....
 PREVZET PO METODI RAZGLASITVE

-02- 1998

Conducteurs et câbles isolés
 au caoutchouc, de tension
 assignée au plus égale à 450/750 V
 Deuxième partie: Méthodes
 d'essais

Isolierte Starkstromleitungen
 mit einer Isolierung aus Gummi
 mit Nennspannungen bis 450/750 V
 Teil 2: Prüfverfahren

iTeh STANDARD PREVIEW

This amendment modifies the Harmonization Document HD 22.2 S2:1992. It was approved by CENELEC on 1992-03-24. 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.

[https://standards.iteh.ai/catalog/standards/sist/07b73df8-8c00-4953-be01-](https://standards.iteh.ai/catalog/standards/sist/07b73df8-8c00-4953-be01-301ba2e44add/sist-hd-22-2-s2-1998-a5-1998)

Up-to-date lists and bibliographical references concerning 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 and 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

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Ref. No. HD 22.2 S2:1992/A5:1992 E

FOREWORD

Following a decision taken by CENELEC Technical Committee TC 20, Electric cables, an amendment to HD 22.2 S2 was submitted to the CENELEC members for formal vote in November 1991.

The text of the draft was approved by CENELEC as amendment A5 to HD 22.2 S2 on 24 March 1992.

The following dates were fixed:

- latest date of announcement
of the amendment at national level (doa) 1993-01-01
- latest date of publication of
a harmonized national standard (dop) 1993-07-01
- latest date of withdrawal of
conflicting national standards (dow) 1993-07-01

HD 22.2 S2:1982 and its amendments A1:1989 up to A4:1992 inclusive were grouped into a reprint with reference HD 22.2 S2:1992.

For products which have complied with HD 22.2 S2:1992 before 1993-07-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1994-07-01.

SIST HD 22.2 S2:1998/A5:1998

<https://standards.iteh.ai/catalog/standards/sist/07b73df8-8c00-4953-be01-301ba2e44add/sist-hd-22-2-s2-1998-a5-1998>



Amendment A5 to HD 22.2 S2

Insert new Clause 8

8. TEST FOR RESISTANCE TO HEAT OF TEXTILE BRAIDS

8.1 General

This test applies to complete braided cables in HD22.4 S2, Clause 2 (HO3RT-F).

The test is designed to show that the textile braid has adequate resistance to heat.

8.2 Apparatus

8.2.1 Electrically heated cabinet with natural air flow.

8.2.2 A block, made of aluminium according to Figure 5, with smooth, flat surfaces. Surface finish in accordance with ISO 1302; Roughness class N 12; mass of test piece $m = (1000 \pm 50)\text{g}$.

8.2.3 Steel base plate and upright, with guide rods, according to Figure 5, so designed that the aluminium block can slide between the guide rods without impediment and that any lateral tilting is avoided.

8.2.4 Timer, for example stop-watch.

8.3 Sample

The test sample shall be a length of complete cord, approximately 300mm long.

8.4 Preparation

The test sample shall be straightened and arranged as closely as possible to the mean longitudinal axis of the steel base plate as shown in Figure 5, so that one end of the sample protrudes approximately 100mm from the rear lead-in hole. The aluminium block, in accordance with Sub-clause 8.2.2, shall then be kept in the heating chamber, described in Sub-clause 8.2.1, at a temperature of $(260 \pm 5)^\circ\text{C}$ for at least 4 h.

8.5 Test procedure

Take the aluminium block out of the cabinet and immediately place it on the sample for $60(+3, -0)\text{s}$. Subsequently, the aluminium block shall be removed from the sample.

8.6 Requirement

The test is regarded as successful if the braid, or any component of the braid, does not show any melting or charring.

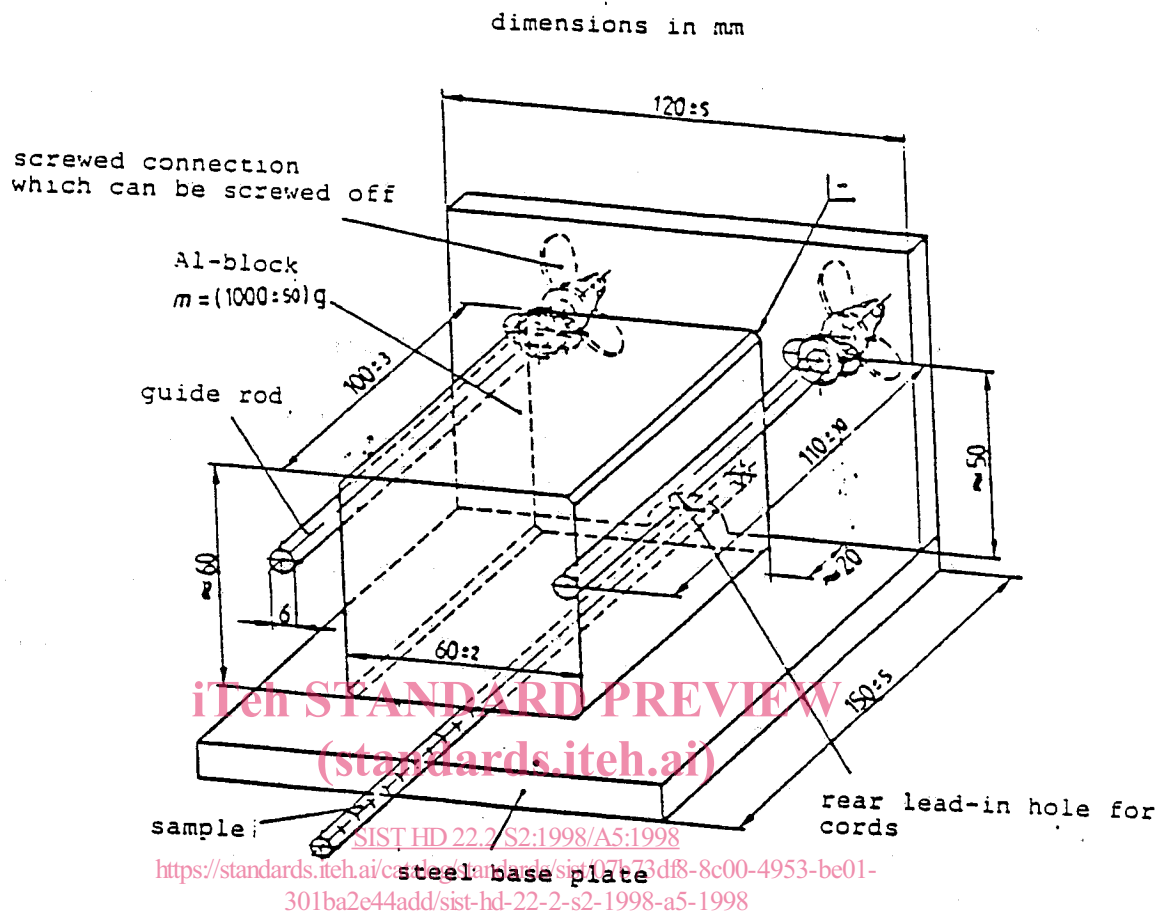


Fig. 5 Assembled test apparatus