SLOVENSKI STANDARD

SIST HD 22.7 S2:1998/A2:2004

december 2004

Kabli z gumijasto izolacijo za naznačene napetosti do vključno 450/750 V – 7. del: Kabli s povečano toplotno odpornostjo za notranje ožičenje z delovno temperaturo vodnika 110 °C

Cables of rated voltages up to and including 450/750 V and having cross-linked insulation – Part 7: Cables with increased heat resistance for internal wiring for a conductor temperature of 110 °C

ICS 29.060.20

Referenčna številka
SIST HD 22.7 S2:1998/A2:2004(en)

HARMONIZATION DOCUMENT **HD 22.7 S2/A2**

DOCUMENT D'HARMONISATION

HARMONISIERUNGSDOKUMENT March 2004

ICS 29.060.20

English version

Cables of rated voltages up to and including 450/750 V and having cross-linked insulation
Part 7: Cables with increased heat resistance for internal wiring for a conductor temperature of 110 °C

Conducteurs de câbles isolés avec des matériaux réticulés de tension assignée au plus égale à 450/750 V
Partie 7: Conducteurs présentant une résistance accrue à la chaleur, pour une température de l'âme de 110 °C, pour filerie interne

Starkstromleitungen mit vernetzter Isolierhülle für Nennspannungen bis 450/750 V
Teil 7: Aderleitungen mit erhöhter Wärmebeständigkeit für die innere Verdrahtung mit einer zulässigen Temperatur am Leiter von 110 °C

This amendment A2 modifies the Harmonization Document HD 22.7 S2:1995; it was approved by CENELEC on 2004-02-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, 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 20, Electric cables, and agreed at the Kista meeting (May 2002) to go forward to the Unique Acceptance Procedure.

This amendment has been prepared within the regular maintenance programme which covers all parts of HD 22.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A2 to HD 22.7 S2:1995 on 2004-02-01.

The following dates are proposed:

- latest date by which the existence of the amendment has to be announced at national level	(doa)	2004-08-01
- latest date by which the amendment has to be implemented at national level by publication of a harmonised national standard or by endorsement	(dop)	2005-02-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn	(dow)	2006-02-01

Title

Amend the title to read:

Cables of rated voltages up to and including 450/750 V and having cross-linked insulation - Part 7: Cables with increased heat resistance for internal wiring for a conductor temperature of 110 °C

Subclause 2.3.5 (new)

Add the following new subclause:

2.3.5 Outer marking

The cable shall have the marking H07G-U, H07G-R or H07G-K as appropriate printed or embossed on, or indented into, the insulation. The marking, which shall meet the requirements of 3.2 and 3.3 of Part 1, shall be legible.

Subclause 2.5

Delete the entire subclause and put « Spare ».

Table II

In column 4, against Ref. No. 1.4, put a superscript [a].

Add a note at the bottom of the table to say:

[a] Where the spark test is used for checking absence of faults on insulation, EN 50356 may be used in place of the method in HD 22.2.

Add new lines and footnotes as follows:

1	2	3	4	5
Ref. No.	**Test**	**Category of test**	**Test method described in:**	
			HD / EN	**Clause**
6	Tests at low temperature			
6.1	Bending test for insulation [b]	T	60811-1-4	8.1
6.2	Elongation test for insulation [c]	T	60811-1-4	8.3
6.3	Impact test on cable at –25 °C	T	60811-1-4	8.5

[b] Only applicable to cables having mean overall diameters up to and including 12,5 mm.
[c] Only applicable if the mean overall diameter of the cable exceeds 12,5 mm.

Subclause 3.3.5 (new)

Add the following new subclause:

3.3.5 Outer marking

The cable shall have the marking H05G-U or H05G-K as appropriate printed or embossed on, or indented into, the insulation. The marking, which shall meet the requirements of 3.2 and 3.3 of Part 1, shall be legible.

Subclause 3.5

Delete the entire subclause and put « Spare ».

Table IV

In column 4, against Ref. No. 1.4, put a superscript [a].

Add a note at the bottom of the table to say:

[a] Where the spark test is used for checking absence of faults on insulation, EN 50356 may be used in place of the method in HD 22.2.

Add new lines as follows:

1	2	3	4	5
Ref. No.	Test	Category of test	Test method described in:	
			HD / EN	Clause
6	Tests at low temperature			
6.1	Bending test for insulation	T	60811-1-4	8.1
6.2	Impact test on cable at –25 °C	T	60811-1-4	8.5