



SLOVENSKI STANDARD
SIST HD 516 S1:1998/A6:1998
01-februar-1998

Guide to use of low voltage harmonized cables - Amendment A6

Guide to use of low-voltage harmonised cables

Anwendungsrichtlinie für harmonisierte Niederspannungsleitungen

Guide d'emploi des câbles harmonisés basse tension

Ta slovenski standard je istoveten z: HD 516 S1:1990/A6:1993

[SIST HD 516 S1:1998/A6:1998](https://standards.iteh.ai/catalog/standards/sist/e94d8d43-c50d-4e6d-b081-179ab157b9f0/sist-hd-516-s1-1998-a6-1998)

<https://standards.iteh.ai/catalog/standards/sist/e94d8d43-c50d-4e6d-b081-179ab157b9f0/sist-hd-516-s1-1998-a6-1998>

ICS:

29.060.20 Kabli Cables

SIST HD 516 S1:1998/A6:1998 **en**

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST HD 516 S1:1998/A6:1998](https://standards.iteh.ai/catalog/standards/sist/e94d8d43-c50d-4e6d-b081-179ab157b9f0/sist-hd-516-s1-1998-a6-1998)

<https://standards.iteh.ai/catalog/standards/sist/e94d8d43-c50d-4e6d-b081-179ab157b9f0/sist-hd-516-s1-1998-a6-1998>

HARMONIZATION DOCUMENT

HD 516 S1/A6

DOCUMENT D'HARMONISATION

HARMONISIERUNGSDOKUMENT

January 1993

UDC 621.315.3:620.1:614.8

Descriptors: Electric cable, low voltage, guide to use



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

ENGLISH VERSION

SIST.....HD 516 S1/A6.....
 PREVZET PO METODI RAZGLASITVE

-02- 1998

Guide to use of low voltage harmonized cables

Guide d'emploi des câbles
 harmonisés basse tension

Anwendungsrichtlinie für
 harmonisierte
 Niederspannungsleitungen

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST HD 516 S1:1998/A6:1998

[https://standards.iteh.ai/catalog/standards/sist/e94d8d43-e50d-4e6d-b081-](https://standards.iteh.ai/catalog/standards/sist/e94d8d43-e50d-4e6d-b081-179ab157b9f0/sist-hd-516-s1-1998-a6-1998)

This amendment A6 modifies the Harmonization Document HD 516 S1:1990. It was approved by CENELEC on 1992-12-09. 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 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

Page 2
HD 516 S1:1990/A6:1993

FOREWORD

At the request of the CENELEC Technical Committee TC 20, Electric cables, a draft for an amendment to HD 516 S1:1990 was submitted to the CENELEC Unique Acceptance Procedure (UAP) in January 1992.

The text of the draft was approved by CENELEC as amendment A6 to HD 516 S1 on 9 December 1992.

The following dates were fixed:

- latest date of announcement
of the amendment at national level (doa) 1993-03-01
- latest date of publication of
a harmonized national standard (dop) 1993-09-01
- latest date of withdrawal of
conflicting national standards (dow) 1993-09-01

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST HD 516 S1:1998/A6:1998

<https://standards.iteh.ai/catalog/standards/sist/e94d8d43-c50d-4e6d-b081-179ab157b9f0/sist-hd-516-s1-1998-a6-1998>



Sub-Clause 3.4.1

Insert the following additional paragraph at the end of the sub-clause.

'Where PVC flexible cables and cords are acceptable, consideration should be given to the use of extensible leads as a means of limiting the length of the connection.'

TABLE 2

Insert new columns, as shown, between HD21.8 and HD22.4.

Add new footnote

(3) Extensible leads

TABLE 4

Insert new line 5A, as follows, for columns 1-7

5A	PVC Extensible Leads	H03VVH8-F	21.10	2	300/300	2-3	0.5	-	0.75
		H03VVH2H8-F	21.10	2	300/300	2	0.5	-	0.75
		H05VVH8-F	21.10	3	300/500	2-3	0.75	-	1.5
		H05VVH2H8-F	21.10	3	300/500	2		0.75	

Columns 8-12 as for line 4
<https://standards.iteh.ai/catalog/standards/sist/e94d8d43-c50d-4e6d-b081-179ab157b9f0/sist-hd-516-s1-1998-a6-1998>

Standard	(3) HD 21.10		(3) HD 21.10	
Clause Numbers	2		3	
Designation	H03V		H05V	
Covering	V		V	
Cross Section Shape	circ	flat	circ	flat
Conductor Type	F	F	F	F
1. <u>DUTY</u> (1)				
1.1 Extra light	+	+	+	+
1.2 Light	+	+	+	+
1.3 Ordinary	-	-	+	+
1.4 Heavy	-	-	-	-
2. <u>PRESENCE OF WATER</u>				
2.1 condition AD1 (2)	+	+	+	+
2.2 condition AD2 (2)	-	-	+	+
2.3 condition AD6 (2)	-	-	-	-
3. <u>CORROSIVE OR POLLUTING SUBSTANCES</u>				
3.1 condition AF3 (2)	-	-	+	+
4. <u>IMPACT</u>				
4.1 condition AG2 (2)	-	-	-	-
5. <u>VIBRATIONS</u>				
5.1 condition AH3 (2)	-	-	-	-
6. <u>FLORA</u>				
6.1 condition AK2 (2)	-	-	-	-
7. <u>FAUNA</u>				
7.1 condition AL2 (2)	-	-	-	-
8. <u>SOLAR RADIATION</u>				
8.1 condition AN2 (2)	-	-	-	-
9. <u>OUTDOOR USE</u>				
9.1 Intermittent or Temporary	-	-	+	+
9.2 Permanent	-	-	-	-
10. <u>FREQUENT FLEXING</u>	+	+	+	+
11. <u>FREQUENT TORSION</u>	+	-	+	-

Notes: (1) See Appendix 2 for definitions

(2) See Appendix 3 for definitions which may be subject to revision by TC 64

(3) Extensible Leads

'+' = acceptable application

'-' = not suitable