



SLOVENSKI STANDARD
SIST HD 516 S1:1998/A4:1998
01-februar-1998

Guide to the use of low voltage harmonized cables - Amendment A4

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/A4:1992

[SIST HD 516 S1:1998/A4:1998](https://standards.iteh.ai/catalog/standards/sist/1a2f8131-1807-4886-a1eb-cf8ec0eb9545/sist-hd-516-s1-1998-a4-1998)

<https://standards.iteh.ai/catalog/standards/sist/1a2f8131-1807-4886-a1eb-cf8ec0eb9545/sist-hd-516-s1-1998-a4-1998>

ICS:

29.060.20 Kabli Cables

SIST HD 516 S1:1998/A4:1998 en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST HD 516 S1:1998/A4:1998](https://standards.iteh.ai/catalog/standards/sist/1a2f8131-1807-4886-a1eb-cf8ec0eb9545/sist-hd-516-s1-1998-a4-1998)

<https://standards.iteh.ai/catalog/standards/sist/1a2f8131-1807-4886-a1eb-cf8ec0eb9545/sist-hd-516-s1-1998-a4-1998>

HARMONIZATION DOCUMENT

HD 516 S1/A4

DOCUMENT D'HARMONISATION

HARMONISIERUNGSDOKUMENT

April 1992

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/A4 ...
 PREVZET PO METODI RAZGLASITVE

GUIDE TO THE USE OF LOW VOLTAGE HARMONIZED CABLES

-02- 1998

Guide d'emploi des câbles
 harmonisés basse tension

Anwendungsrichtlinie für
 harmonisierte
 Niederspannungsleitungen

iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST HD 516 S1:1998/A4:1998

<https://standards.iteh.ai/catalog/standards/sist/1a2f8131-1807-4886-a1eb-38cc00974938/sist-hd-516-s1-1998-a4-1998>

This amendment modifies the Harmonization Document HD 516 S1:1990. 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.

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

© 1992 Copyright reserved to CENELEC members

Ref. No. HD 516 S1:1990/A4:1992 E

Page 2

HD 516 S1:1990/A4:1992

FOREWORD

At the request of CENELEC Technical Committee TC 20, a draft for an amendment to HD 516 S1:1990 was submitted to the CENELEC Unique Acceptance Procedure (UAP) in August 1991.

The text of the draft was approved by CENELEC as amendment A4 to HD 516 S1:1990 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

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST HD 516 S1:1998/A4:1998

<https://standards.iteh.ai/catalog/standards/sist/1a2f8131-1807-4886-a1eb-cf8ec0eb9545/sist-hd-516-s1-1998-a4-1998>



Clause 3.2.4

Amend the first paragraph to read:

"Cables should be selected so that they are suitable for the operating conditions and equipment classification.

Clause 3.4.1

Re-word as follows:

Flexible cables or cords should be used for connections to all mobile equipment.

The length of such cables should not be so great as to prevent the short circuit protective device from operating correctly.

Such cables should also be of a minimum practical length to reduce the risk of mechanical damage. (See also Clause 4.2).

Clause 3.4.6

Re-word as follows:

When cables are required for use outdoors, whether of intermittent, temporary or permanent usage, reference should be made to Table 2 of this HD to determine their suitability for such usage.

<http://standards.iteh.ai/>
SIST HD 516 S1:1998/A4:1998
PVC flexible cables or cords are unsuitable for permanent use outdoors. Neither should those that have an intermittent or temporary designation, be used in that manner outdoors in adverse conditions eg at temperatures below those given in Tables 3 and 4.

Clause 3.4.8

Add new sub-clause 3.4.8 as follows:

3.4.8 PVC Flexible cables and cords in Table 2 may not necessarily be suitable for the manufacture of extensible leads.

Clause 4.4.1

Add the following new paragraph at the end of the clause:

Where cables are installed vertically, the unsupported vertical length should not exceed 5m.

Clause 4.4.2

a) Delete the second paragraph of sub clause b)

b) Add new paragraph to the end of sub clause c) as follows:

"It is necessary to prevent the cable being flexed significantly too close to any internal and/or external anchorage point".

- c) Add new sub clause d) as follows:
- "If a cord guard or other device is used it should not prevent internal movement of the cores of the cable within the device".

Table 1

- a) In the columns for H05V2 cable types (both U and K), insert the figures "(1)" for the method 1.2.
- b) Insert the figure "(6)" after the title of line 1 "Method of Installation".

At the bottom of the existing notes add the following:

"(6) The presence of water in contact with the cable is not acceptable".

Table 2

- a) For the title against 9.1, amend this to read "Intermittent or Temporary Periods of Short Duration".
- b) Amend the wording of Note (2) to read "See Appendix 3 for definitions".

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST HD 516 S1:1998/A4:1998

<https://standards.iteh.ai/catalog/standards/sist/1a2f8131-1807-4886-a1eb-cf8ec0eb9545/sist-hd-516-s1-1998-a4-1998>