



**SLOVENSKI STANDARD**  
**SIST HD 516 S1:1998/A2:1998**  
**01-februar-1998**

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**Guide to use of low voltage harmonized cables - Amendment A2**

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/A2:1992**

[SIST HD 516 S1:1998/A2:1998](https://standards.iteh.ai/catalog/standards/sist/e6e21671-a90b-4c8b-b41a-f1340255167f/sist-hd-516-s1-1998-a2-1998)

<https://standards.iteh.ai/catalog/standards/sist/e6e21671-a90b-4c8b-b41a-f1340255167f/sist-hd-516-s1-1998-a2-1998>

**ICS:**

29.060.20      Kabli      Cables

**SIST HD 516 S1:1998/A2:1998**      **en**

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UDC 621.315.3:620.1:614.8

Descriptors: Electric cable, low voltage, guide to use

## ENGLISH VERSION

## GUIDE TO USE OF LOW VOLTAGE HARMONIZED CABLES

Guide d'emploi des cables  
harmonisés basse tensionAnwendungsrichtlinie für  
harmonisierte  
NiederspannungsleitungenREPUBLIKA SLOVENIJA  
MINISTRSTVO ZA ZNANOST IN TEHNOLOGIJO  
Urad RS za standardizacijo in meroslovje  
LJUBLJANASIST.....HD...516...S1/A2.....-02- 1998  
PREVZET PO METODI RAZGLASITVE

SIST HD 516 S1:1998/A2:1998

This amendment modifies the Harmonization Document HD 516 S1:1990. It was approved by CENELEC on 1991-09-23. 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

### 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 November 1990.

The text of the draft was approved by CENELEC as amendment A2 to HD 516 S1:1990 on 23 September 1991.

The following dates were fixed:

- latest date of announcement  
of the amendment at national level (doa) 1992-06-01
- latest date of publication of  
a harmonized national standard (dop) 1992-12-01
- latest date of withdrawal of  
conflicting national standards (dow) 1992-12-01

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SIST HD 516 S1:1998/A2:1998

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Sub-Clause 3.4.1

Add the following at the end of paragraph 2:

"Multicore control cables, if installed so that they are continually flexed, shall be protected in a manner which prevents abrasion, cutting and sharp bends."

Sub-Clause 3.4.7

Add new sub-clause:

"The cables covered by this HD are not suitable for use in deep mining operations, in quarrying, nor on moveable equipment such as cranes with spring-loaded reeling devices."

Table 2

Amend the column for "HD 22.4, Clause 5" to "HD 22.4, Clauses 5/6"

Table 4

Add further entries to line 9, columns 3 - 7 inclusive, as follows:

HD 22.4	6	450/750	6 - 18	1.5 - 4
			19 - 36	1.5 - 2.5

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Appendix 2

Add new sub-category: <https://standards.iteh.ai/catalog/standards/sist/e6e21671-a90b-4c8b-b41a-f1340255167f/sist-hd-516-s1-1998-a2-1998>

4a. Heavy Duty (Multicore Cables only)

Use as for Heavy Duty cables, but primarily for the inter-connection of parts of machines used for manufacturing purposes, including machine tools and mechanical handling equipment. Can be used inside or outside buildings where the ambient temperatures remain within the range -25°C to +50°C, and the stabilised conductor temperatures do not exceed 60°C.

Such usage could be as the connection of a control unit to a machine such as a crane or hoist, or the inter-connection of a control console with a manufacturing machine where the length of cable is not normally greater than 10m. Longer lengths are acceptable where cables are used in fixed inter-connections.