



SLOVENSKI STANDARD

SIST HD 21.1 S2:1998/A16:1998

01-februar-1998

Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 1: General requirements - Amendment A16

Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V -- Part 1 : General requirements

Polyvinylchlorid-isolierte Leitungen mit Nennspannungen bis 450/750 V -- Teil 1:
Allgemeine Anforderungen

Conducteurs et câbles isolés au polychlorure de vinyle, de tension assignée au plus
égale à 450/750 V -- Partie 1: Prescriptions générales

Ta slovenski standard je istoveten z: **HD 21.1 S2:1990/A16:1995**

ICS:

29.060.20 Kabli Cables

SIST HD 21.1 S2:1998/A16:1998 en

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[SIST HD 21.1 S2:1998/A16:1998](https://standards.iteh.ai/catalog/standards/sist/86ebeb73-06fa-479e-b30d-1b1cede63d1c/sist-hd-21-1-s2-1998-a16-1998)

<https://standards.iteh.ai/catalog/standards/sist/86ebeb73-06fa-479e-b30d-1b1cede63d1c/sist-hd-21-1-s2-1998-a16-1998>

HARMONIZATION DOCUMENT
DOCUMENT D'HARMONISATION
HARMONISIERUNGSDOKUMENT

HD 21.1 S2/A16

June 1995

UDC (621.315.211.2+621.315.32)027.475-036.743.22-777.001.2.002.2(083.71)(083.73)
ICS 29.060.20

Descriptors: See HD 21.1 S2

English version

**Polyvinyl chloride insulated cables of rated voltages
up to and including 450/750 V
Part 1 : General requirements**

Conducteurs et câbles isolés au
polychlorure de vinyle, de tension
assignée au plus égale à 450/750 V
Partie 1: Prescriptions générales

Polyvinylchlorid-isolierte Leitungen mit
Nennspannungen bis 450/750 V
Teil 1: Allgemeine Anforderungen

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This amendment A16 modifies the Harmonization Document HD 21.1 S2:1990; it was approved by CENELEC on 1995-05-15. 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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

SIST.....HD 21.1 S2/A16.....
PREVZET PO METODI RAZGLASITVE

-02- 1998

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.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A16 to HD 21.1 S2:1990 on 1995-05-15.

The following dates were fixed:

- latest date by which the existence of the amendment has to be announced at national level (doa) 1996-01-01
- latest date by which the amendment has to be implemented at national level by publication of a harmonized national standard or by endorsement (dop) 1996-07-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1996-07-01

For products which have complied with HD 21.1 S2:1990 and its amendments A5:1990 to A15:1995 before 1996-07-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1997-07-01.

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Introduce in Table II, a new column 6 for compound Type TM 5 and renumber the existing columns accordingly.

[SIST HD 21.1 S2:1998/A16:1998](https://standards.iteh.ai/catalog/standards/sist/86eb73-06fa-479e-b30d-111cc05d1631/sist-hd-21-1-s2-1998-a16-1995)

<https://standards.iteh.ai/catalog/standards/sist/86eb73-06fa-479e-b30d-111cc05d1631/sist-hd-21-1-s2-1998-a16-1995>

The tests and requirements for compound TM 5 shall comply with those given in column 5 for compound TM 2 with the following additional requirement.

1	2	3	4	5	6	7	8
Ref. No.	Tests	Unit	Type of compound			Test method	
			TM 1	TM 2	TM 5	HD	Clause
9.	Mechanical properties after immersion in mineral oil					505.2.1	10
9.1	Test conditions						
	- temperature of oil	°C	--	--	90±2		
	- duration of immersion in oil	h	--	--	7x24		
9.1.1	Value to be obtained for the tensile strength:						
	- variation, ^(*) , max.	%	--	--	±30		
9.1.2	Value to be obtained for the elongation at break:						
	- variation ^(*) , max	%	--	--	±30		

^(*) Variation: difference between the median value after ageing and the median value without ageing, expressed as a percentage of the latter.

