



SLOVENSKI STANDARD
SIST HD 383 S2:1998/A2:1998
01-februar-1998

Conductors of insulated cables - Supplement 1: Guide to the dimensional limits of circular conductors - Amendment A2

Conductors of insulated cables - First supplement: Guide to the dimensional limits of circular conductors

Leiter für Kabel und isolierte Leitungen - Richtlinie für die dimensionsmäßigen Grenzen von Rundleitern

iTeh STANDARD PREVIEW
(standards.iteh.ai)

Ames des câbles isolés - Premier complément: Guide pour les limites dimensionnelles des âmes circulaires

[SIST HD 383 S2:1998/A2:1998](https://standards.iteh.ai/catalog/standards/sist/9d6fc850-2dde-4f0b-987b-aa613ec8c695/sist-hd-383-s2-1998-a2-1998)

<https://standards.iteh.ai/catalog/standards/sist/9d6fc850-2dde-4f0b-987b-aa613ec8c695/sist-hd-383-s2-1998-a2-1998>

Ta slovenski standard je istoveten z: HD 383 S2:1986/A2:1993

ICS:

29.060.20 Kabli Cables

SIST HD 383 S2:1998/A2:1998 en

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST HD 383 S2:1998/A2:1998](https://standards.iteh.ai/catalog/standards/sist/9d6fc850-2dde-4f0b-987b-aa613ec8c695/sist-hd-383-s2-1998-a2-1998)

<https://standards.iteh.ai/catalog/standards/sist/9d6fc850-2dde-4f0b-987b-aa613ec8c695/sist-hd-383-s2-1998-a2-1998>

HARMONIZATION DOCUMENT

HD 383 S2/A2

DOCUMENT D'HARMONISATION

HARMONISIERUNGSDOKUMENT

March 1993

UDC 621.315.21 621.315.342 621.315.55-034.3-034.3-034.71-181.1

Descriptors: Insulated cables, flexible cords, conductors, dimensions,
requirements, classification, copper, aluminium conductors

ENGLISH VERSION

Conductors of insulated cables
First supplement: Guide to the dimensional limits
of circular conductors

Ames des câbles isolés
Premier complément: Guide pour
les limites dimensionnelles des
âmes circulaires

Leiter für Kabel und isolierte
Leitungen
Erste Ergänzung: Richtlinien
für die
dimensionsmäßigen
Grenzen von Rundleitern

This amendment A2 modifies the Harmonization Document HD 383 S2:1986. 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.

[SIST HD 383 S2:1998/A2:1998](https://standards.iteh.ai/cenelec/cards/sist/9d6fc850-2dde-4f0b-987b-aa613cc8c695/sist-hd-383-s2-1998-a2-1998)

<https://standards.iteh.ai/cenelec/cards/sist/9d6fc850-2dde-4f0b-987b-aa613cc8c695/sist-hd-383-s2-1998-a2-1998>

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B-1050 Brussels

© 1993 Copyright reserved to CENELEC members

Ref. No. HD 383 S2:1986/A2:1993 E

Page 2

HD 383 S2:1986/A2:1993

FOREWORD

This amendment was prepared by CENELEC Technical Committee TC 20, Electric cables.

It was submitted to the CENELEC Unique Acceptance Procedure (UAP) in March 1992 and was approved by CENELEC as amendment A2 to HD 383 S2 on 9 December 1992.

The following dates were fixed:

- latest date of announcement
of the amendment at national level (doa) 1993-06-01
- latest date of publication of
a harmonized national standard (dop) 1993-12-01
- latest date of withdrawal of
conflicting national standards (dow) 1993-12-01

For products which have complied with HD 383 S2:1986 and its amendment A1:1989 before 1993-12-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 1994-12-01.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST HD 383 S2:1998/A2:1998](https://standards.iteh.ai/catalog/standards/sist/9d6fc850-2dde-4f0b-987b-aa613ec8c695/sist-hd-383-s2-1998-a2-1998)

<https://standards.iteh.ai/catalog/standards/sist/9d6fc850-2dde-4f0b-987b-aa613ec8c695/sist-hd-383-s2-1998-a2-1998>

Introduction

Replace the eighth paragraph by the following text:

'The same resistance values are specified for plain aluminium conductors and for aluminium alloy conductors. To achieve this standardisation of resistance, there may be a variation in wire sizes used for the same nominal cross-sectional areas according to the particular material used.'

Clause 3

Replace the text by the following:

'The conductors may consist of:

- plain or metal-coated annealed copper
- or plain aluminium or aluminium alloy

as specified for the different types of conductor in Clause 4.

The term 'metal-coated' means coated with a thin layer of suitable metal, such as tin, tin alloy or lead alloy.'

Clause 4.1.1

Replace the text by the following:

'Conductors shall consist of:

- plain or metal-coated annealed copper;
- or plain aluminium or aluminium alloy.'

Clause 4.2.1

Replace the first paragraph by the following:

'Conductors shall consist of:

- plain or metal-coated annealed copper;
- or plain aluminium or aluminium alloy.'

The second paragraph remains without change.

Clause 6

On top of page 17 delete the following text:

'Plain or metal-coated or metal-clad or metal-coated metal-clad.'

Table I

Replace the heading of column four by:

'Aluminium conductors,
circular or shaped'

SIST HD 383 S2:1998/A2:1998
<https://standards.iteh.ai/catalog/standards/sist/9d6fc850-2dde-4f0b-987b-aa613ec8c695/sist-hd-383-s2-1998-a2-1998>

Table II

Replace the heading of column 10 by:

'Aluminium
conductor'

Table V

Extend the table with the following values:

<u>t°C</u>	<u>k_s</u>
31	0.958
32	0.954
33	0.951
34	0.947
35	0.943

iTeh STANDARD PREVIEW (standards.iteh.ai)

[SIST HD 383 S2:1998/A2:1998](https://standards.iteh.ai/catalog/standards/sist/9d6fc850-2dde-4f0b-987b-aa613ec8c695/sist-hd-383-s2-1998-a2-1998)

<https://standards.iteh.ai/catalog/standards/sist/9d6fc850-2dde-4f0b-987b-aa613ec8c695/sist-hd-383-s2-1998-a2-1998>