

# **SLOVENSKI STANDARD**

## **SIST EN 61466-2:2000**

**01-februar-2000**

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### **Composite string insulator units for overhead lines with nominal voltage greater than 1 kV - Part 2: Dimensional and electrical characteristic (IEC 61466-2:1998)**

Composite string insulator units for overhead lines with nominal voltage greater than 1 kV - Part 2: Dimensional and electrical characteristics (IEC 61466-2:1998)

Verbund-Kettenisolatoren für Freileitungen mit einer Nennspannung über 1000 V -- Teil 2: Maße und elektrische Kennwerte

Isolateurs composites destinés aux lignes aériennes de tension nominale supérieure à 1 kV -- Partie 2: Caractéristiques dimensionnelles et électriques

<https://standards.iteh.ai/catalog/standards/sist/2a79975a-7d67-4f7b-802b-578d12b0b090/sist-en-61466-2-2000>

**Ta slovenski standard je istoveten z: EN 61466-2:1998**

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#### **ICS:**

29.080.10	Izolatorji	Insulators
29.240.20	Daljinovodi	Power transmission and distribution lines

**SIST EN 61466-2:2000**

**en**

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English version

**Composite string insulator units for overhead lines  
with a nominal voltage greater than 1 kV  
Part 2: Dimensional and electrical characteristics  
(IEC 61466-2:1998)**

Isolateurs composites destinés aux  
lignes aériennes de tension nominale  
supérieure à 1 kV  
Partie 2: Caractéristiques  
dimensionnelles et électriques  
(CEI 61466-2:1998)

Verbund-Kettenisolatoren für  
Freileitungen mit einer Nennspannung  
über 1 kV - Teil 2: Maße und elektrische  
Kenngrößen  
(IEC 61466-2:1998)

This European Standard was approved by CENELEC on 1998-10-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, 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

The text of document 36B/179/FDIS, future edition 1 of IEC 61466-2, prepared by SC 36B, Insulators for overhead lines, of IEC TC 36, Insulators, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61466-2 on 1998-10-01.

The following dates were fixed:

- latest date by which the EN has to be implemented  
at national level by publication of an identical  
national standard or by endorsement (dop) 1999-07-01
- latest date by which the national standards conflicting  
with the EN have to be withdrawn (dow) 2001-07-01

Annexes designated "normative" are part of the body of the standard.  
Annexes designated "informative" are given for information only.  
In this standard, annex ZA is normative and annex A is informative.  
Annex ZA has been added by CENELEC.

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### Endorsement notice

The text of the International Standard IEC 61466-2:1998 was approved by CENELEC as a European Standard without any modification.

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## Annex ZA (normative)

### Normative references to international publications with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE: When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60071-1	1993	Insulation co-ordination Part 1: Definitions, principles and rules	EN 60071-1	1995
IEC 60071-2	1976	Part 2: Application guide	HD 540.2 S1 <sup>1)</sup>	1991
IEC 61109	1992	Composite insulators for a.c. overhead lines with a nominal voltage greater than 1 kV Definitions, test methods and acceptance criteria	-	-
IEC 61466-1	1997	Composite string insulator units for overhead lines with a nominal voltage greater than 1 kV Part 1: Standard strength classes and end fittings	EN 61466-1	1997

1) HD 540.2 S1 is superseded by EN 60071-2:1997, which is based on IEC 60071-2:1996.

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**NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD**

**CEI  
IEC**

**61466-2**

Première édition  
First edition  
1998-08

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**Isolateurs composites destinés  
aux lignes aériennes de tension nominale  
supérieure à 1 000 V –**

**Partie 2:  
Caractéristiques dimensionnelles  
et électriques**

**Composite string insulator units  
for overhead lines with a nominal voltage  
greater than 1 000 V –**

**Part 2:  
Dimensional and electrical characteristics**

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

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For price, see current catalogue

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**COMPOSITE STRING INSULATOR UNITS FOR OVERHEAD LINES  
WITH A NOMINAL VOLTAGE GREATER THAN 1 000 V –****Part 2: Dimensional and electrical characteristics**

## FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested National Committees.
- 3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
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- 5) The IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with one of its standards.
- 6) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 61466-2 has been prepared by subcommittee 36B: Insulators for overhead lines, of IEC technical committee 36: Insulators.

The text of this standard is based on the following documents:

FDIS	Report on voting
36B/179/FDIS	36B/183/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

Annex A is for information only.