



# SLOVENSKI STANDARD

## SIST EN 61466-1:2016

01-december-2016

Nadomešča:  
SIST EN 61466-1:1997

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### Kompozitni izolatorji za nadzemne vode z nazivno napetostjo nad 1000 V - 1. del: Standardni razredi trdnosti in končni pribor (IEC 61466-1:2016)

Composite string insulator units for overhead lines with a nominal voltage greater than 1000 V - Part 1: Standard strength classes and end fittings (IEC 61466-1:2016)

Verbund-Kettenisolatoren für Freileitungen mit einer Nennspannung über 1000 V - Teil 1:  
Genormte Festigkeitsklassen und Endarmaturen (IEC 61466-1:2016)

Isolateurs composites pour lignes aériennes de tension nominale supérieure à 1000 V -  
Partie 1: Classes mécaniques et accrochages d'extrémité standards (IEC 61466-1:2016)

Ta slovenski standard je istoveten z: EN 61466-1:2016

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#### ICS:

29.080.10	Izolatorji	Insulators
29.240.20	Daljnovodi	Power transmission and distribution lines

SIST EN 61466-1:2016 en,fr,de

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EUROPEAN STANDARD

**EN 61466-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 2016

ICS 29.080.10; 29.240.20

Supersedes EN 61466-1:1997

English Version

Composite string insulator units for overhead lines with a  
nominal voltage greater than 1000 V - Part 1: Standard strength  
classes and end fittings  
(IEC 61466-1:2016)

Éléments de chaîne d'isolateurs composites pour lignes  
aériennes de tension nominale supérieure à 1 000 V -  
Partie 1: Classes mécaniques et armatures d'extrémité  
normalisées  
(IEC 61466-1:2016)

Verbund-Kettenisolatoren für Freileitungen mit einer  
Nennspannung über 1000 V - Teil 1: Genormte  
Festigkeitsklassen und Endarmaturen  
(IEC 61466-1:2016)

This European Standard was approved by CENELEC on 2016-06-22. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

**EN 61466-1:2016****European foreword**

The text of document 36/378/FDIS, future edition 2 of IEC 61466-1, prepared by IEC/TC 36 "Insulators" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61466-1:2016.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2017-03-22
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2019-06-22

This document supersedes EN 61466-1:1997.

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In the official version, for Bibliography, the following note has to be added for the standard indicated :

IEC 61109:2008

NOTE Harmonized as EN 61109:2008.

## Annex ZA (normative)

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

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: [www.cenelec.eu](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60120	1984	Dimensions of ball and socket couplings of string insulator units	HD 474 S1	1986
IEC 60471	1977	Dimensions of clevis and tongue couplings of string insulator units		-

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IEC 61466-1

Edition 2.0 2016-05

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

**Composite string insulator units for overhead lines with a nominal voltage greater than 1 000 V –  
Part 1: Standard strength classes and end fittings**

**Éléments de chaîne d'isolateurs composites pour lignes aériennes de tension nominale supérieure à 1 000 V –  
Partie 1: Classes mécaniques et armatures d'extrémité normalisées**

INTERNATIONAL  
ELECTROTECHNICAL  
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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**COMPOSITE STRING INSULATOR UNITS FOR OVERHEAD LINES  
WITH A NOMINAL VOLTAGE GREATER THAN 1 000 V –****Part 1: Standard strength classes and end fittings**

## FOREWORD

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International Standard IEC 61466-1 has been prepared by IEC technical committee 36: Insulators.

This second edition cancels and replaces the first edition published in 1997. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) Addition of strength classes reflecting UHV practice;
- b) Inclusion of Corrigendum 1:2008 for Y fitting hole dimensions.

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

FDIS	Report on voting
36/378/FDIS	36/381/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.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 61466 series, published under the general title *Composite string insulator units for overhead lines with a nominal voltage greater than 1 000 V*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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