

<b>STN</b>	<b>Kompozitné závesné izolátory pre vonkajšie vedenia s menovitým napätím nad 1 kV Časť 2: Rozmerové a elektrické charakteristiky Zmena A2</b>	<b>STN EN 61466-2/A2</b>  34 8054
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Composite string insulator units for overhead lines with a nominal voltage greater than 1 kV. Part 2: Dimensional and electrical characteristics

Táto norma obsahuje anglickú verziu európskej normy.  
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 02/19

STN EN 61466-2 z apríla 2002 sa bez zmeny A2 môže používať do 13. 6. 2021.

Obsahuje: EN 61466-2:1998/A2:2018, IEC 61466-2:1998/AMD2:2018

**128063**

EUROPEAN STANDARD

**EN 61466-2:1998/A2**

NORME EUROPÉENNE

EUROPÄISCHE NORM

August 2018

ICS 29.080.10; 29.240.20

English Version

Composite string insulator units for overhead lines with a  
nominal voltage greater than 1 000 V -  
Part 2: Dimensional and electrical characteristics  
(IEC 61466-2:1998/A2:2018)

Isolateurs composites destinés aux lignes aériennes de  
tension nominale supérieure à 1 000 V -  
Partie 2: Caractéristiques dimensionnelles et électriques  
(IEC 61466-2:1998/A2:2018)

Verbund-Kettenisolatoren für Freileitungen mit einer  
Nennspannung über 1000 V -  
Teil 2: Maße und elektrische Kennwerte  
(IEC 61466-2:1998/A2:2018)

This amendment A2 modifies the European Standard EN 61466-2:1998; it was approved by CENELEC on 2018-06-13. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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.

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

**CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels**

**EN 61466-2:1998/A2:2018****European foreword**

The text of document 36/427/FDIS, future IEC 61466-2:1998/A2, prepared by IEC/TC 36 "Insulators" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61466-2:1998/A2:2018.

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) 2019-03-13
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-06-13

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**Endorsement notice**

The text of the International Standard IEC 61466-2:1998/A2:2018 was approved by CENELEC as a European Standard without any modification.

## Annex ZA (normative)

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

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where 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>
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**Add to Annex ZA of EN 61466-2:1998 the following new reference:**

IEC/TS 60815-3	-	Selection and dimensioning of high-voltage - insulators intended for use in polluted conditions - Part 3: Polymer insulators for a.c. systems	-	-
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IEC 61466-2

Edition 1.0 2018-05

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

AMENDMENT 2  
AMENDEMENT 2

**Composite string insulator units for overhead lines with a nominal voltage greater than 1 000 V –  
Part 2: Dimensional and electrical characteristics**

**Isolateurs composites destinés aux lignes aériennes de tension nominale supérieure à 1 000 V –  
Partie 2: Caractéristiques dimensionnelles et électriques**





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IEC 61466-2

Edition 1.0 2018-05

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# NORME INTERNATIONALE

AMENDMENT 2  
AMENDEMENT 2

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**Composite string insulator units for overhead lines with a nominal voltage greater than 1 000 V –  
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ICS 29.080.10; 29.240.20

ISBN 978-2-8322-5670-1

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## FOREWORD

This amendment has been prepared by IEC technical committee 36: Insulators.

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

FDIS	Report on voting
36/427/FDIS	36/429/RVD

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

The committee has decided that the contents of this amendment and the base 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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## INTRODUCTION to Amendment 2

Amendment 2 implements the introduction of UHV (ultra-high voltage) applications and the relevant characteristics of composite insulators.

### 1 Scope

*Replace the first paragraph with the following new text:*

This part of IEC 61466 is applicable to composite string insulator units with a specified mechanical load (SML) of 40 kN to 600 kN for AC overhead lines with a nominal voltage greater than 1 000 V and a frequency not greater than 100 Hz.

*Replace the fourth paragraph with the following new text:*

This standard specifies values for electrical and dimensional characteristics for composite insulators for overhead lines with a minimum lightning impulse withstand voltage (BIL) up to 3 100 kV and a specified mechanical load (SML) of 40 kN to 600 kN.

### 2 Normative references

*Add the following new reference:*

IEC TS 60815-3, *Selection and dimensioning of high-voltage insulators intended for use in polluted conditions – Part 3: Polymer insulators for a.c. systems*