



**SLOVENSKI STANDARD
SIST EN IEC 60471:2020**

01-december-2020

Spojke s stremeni za člene izolatorskih verig - Dimenzije (IEC 60471:2020)

Clevis and tongue couplings of string insulator units - Dimensions (IEC 60471:2020)

Klöppel- und Pfannen-Verbindungen von Isolatorketten - Anschlussmaße (IEC 60471:2020)

Assemblages à chape et tenon des éléments de chaînes d'isolateurs - Dimensions (IEC 60471:2020)

**ITeh STANDARD PREVIEW
(standards.iteh.ai)**

Ta slovenski standard je istoveten z: EN IEC 60471:2020

SIST EN IEC 60471:2020
<https://standards.iteh.ai/catalog/standards/sist/4017c9b0-127c-4207-98d5-d7c0cae3fbce/sist-en-iec-60471-2020>

ICS:

29.080.10 Izolatorji Insulators

SIST EN IEC 60471:2020 en,fr,de

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN IEC 60471:2020](#)

<https://standards.iteh.ai/catalog/standards/sist/4017c9b0-127c-4207-98d5-d7c0cae3fbce/sist-en-iec-60471-2020>

EUROPEAN STANDARD

EN IEC 60471

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2020

ICS 29.080.10; 29.240.20

English Version

Clevis and tongue couplings of string insulator units - Dimensions (IEC 60471:2020)

Assemblages à chape et tenon des éléments de chaînes
d'isolateurs - Dimensions
(IEC 60471:2020)

Klöppel- und Pfannen-Verbindungen von Isolatorketten -
Anschlussmaße
(IEC 60471:2020)

This European Standard was approved by CENELEC on 2020-08-13. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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 IEC 60471:2020 (E)**European foreword**

The text of document 36/484/FDIS, future edition 3 of IEC 60471, prepared by IEC/TC 36 "Insulators" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60471:2020.

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) 2021-05-13
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-08-13

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 60471:2020 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

<u>SIST EN IEC 60471:2020</u>		
IEC 60305	NOTE	Harmonized as EN 60305
IEC 60383-1	NOTE	Harmonized as EN 60383-1
IEC 60433	NOTE	Harmonized as EN 60433
IEC 61325	NOTE	Harmonized as EN 61325
IEC 62223:2009	NOTE	Harmonized as EN 62223:2009 (not modified)

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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-471	2007	International Electrotechnical Vocabulary - Part 471: Insulators	-	-
IEC 60120	2020	Ball and socket couplings of string insulator units - Dimensions	EN IEC 60120	2020

[SIST EN IEC 60471:2020](https://standards.iteh.ai/catalog/standards/sist/4017c9b0-127c-4207-98d5-d7c0cae3fbce/sist-en-iec-60471-2020)
<https://standards.iteh.ai/catalog/standards/sist/4017c9b0-127c-4207-98d5-d7c0cae3fbce/sist-en-iec-60471-2020>

iTeh STANDARD PREVIEW
(standards.iteh.ai)

[SIST EN IEC 60471:2020](https://standards.iteh.ai/catalog/standards/sist/4017c9b0-127c-4207-98d5-d7c0cae3fbce/sist-en-iec-60471-2020)

<https://standards.iteh.ai/catalog/standards/sist/4017c9b0-127c-4207-98d5-d7c0cae3fbce/sist-en-iec-60471-2020>



IEC 60471

Edition 3.0 2020-07

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Clevis and tongue couplings of string insulator units – Dimensions

**Assemblages à chape et tenon des éléments de chaînes d'isolateurs –
Dimensions**

[SIST EN IEC 60471:2020](https://standards.iteh.ai/catalog/standards/sist/4017c9b0-127c-4207-98d5-d7c0cae3fbce/sist-en-iec-60471-2020)

[https://standards.iteh.ai/catalog/standards/sist/4017c9b0-127c-4207-98d5-
d7c0cae3fbce/sist-en-iec-60471-2020](https://standards.iteh.ai/catalog/standards/sist/4017c9b0-127c-4207-98d5-d7c0cae3fbce/sist-en-iec-60471-2020)

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 29.080.10; 29.240.20

ISBN 978-2-8322-8478-0

**Warning! Make sure that you obtained this publication from an authorized distributor.
Attention! Veuillez vous assurer que vous avez obtenu cette publication via un distributeur agréé.**

CONTENTS

FOREWORD	3
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Couplings	6
4.1 General.....	6
4.2 Couplings with limited movement	6
4.3 Couplings with unlimited movement	6
4.4 Designation of couplings	6
5 Dimensions.....	7
Bibliography.....	10
Figure 1 – Dimensions of clevis and tongue couplings for cap and pin insulators	7
Figure 2 – Dimensions of clevis and tongue couplings for long rod insulators	8
Table 1 – Dimensions of clevis and tongue couplings for cap and pin insulators	7
Table 2 – Dimensions of clevis and tongue couplings for long rod insulators	9

(standards.iteh.ai)

[SIST EN IEC 60471:2020](https://standards.iteh.ai/catalog/standards/sist/4017c9b0-127c-4207-98d5-d7c0cae3fbce/sist-en-iec-60471-2020)

<https://standards.iteh.ai/catalog/standards/sist/4017c9b0-127c-4207-98d5-d7c0cae3fbce/sist-en-iec-60471-2020>

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**CLEVIS AND TONGUE COUPLINGS OF
STRING INSULATOR UNITS – DIMENSIONS**

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of 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, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). 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. 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 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 IEC National Committees.
- 3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.
- 4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.
- 5) IEC itself does not provide any attestation of conformity. Independent certification bodies provide conformity assessment services and, in some areas, access to IEC marks of conformity. IEC is not responsible for any services carried out by independent certification bodies.
- 6) All users should ensure that they have the latest edition of this publication.
- 7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.
- 8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.
- 9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 60471 has been prepared by IEC technical committee 36: Insulators.

This third edition cancels and replaces the second edition published in 1977. This edition constitutes a technical revision.

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

- a) According to the results of the questionnaire(36/424/Q), it is confirmed that there are no new clevis and tongue couplings;
- b) For the dimensions of the existing designated size of couplings that characterize the same location, the effective number of the size is unified.