

Insulators for overhead lines with a nominal voltage above 1000 V - Ceramic or glass insulator units for AC systems - Characteristics of insulator units of the cap and pin type

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

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English Version

Insulators for overhead lines with a nominal voltage above
1 000 V - Ceramic or glass insulator units for AC systems -
Characteristics of insulator units of the cap and pin type
(IEC 60305:2021)

Isolateurs pour lignes aériennes de tension nominale
supérieure à 1 000 V - Éléments d'isolateurs en céramique
ou en verre pour réseaux à tension alternative -
Caractéristiques des éléments d'isolateurs du type capot et
tige
(IEC 60305:2021)

Isolatoren für Freileitungen mit einer Nennspannung über
1000 V – Keramik- oder Glas-Kettenisolatoren für
Wechselstromsysteme – Kenngrößen von Kettenisolatoren
vom Typ Kappenisolator
(IEC 60305:2021)

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European Committee for Electrotechnical Standardization
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European foreword

The text of document 36/499/FDIS, future edition 5 of IEC 60305, prepared by IEC/TC 36 "Insulators" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60305:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2021-11-15 level by publication of an identical national standard or by endorsement
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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60120:2020	NOTE	Harmonized as EN IEC 60120:2020 (not modified)
IEC 60471:2020	NOTE	Harmonized as EN IEC 60471:2020 (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 60383-1	-	Insulators for overhead lines with a nominal voltage above 1000 V - Part 1: Ceramic or glass insulator units for a.c. systems - Definitions, test methods and acceptance criteria	EN 60383-1	-

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Insulators for overhead lines with a nominal voltage above 1 000 V – Ceramic or glass insulator units for AC systems – Characteristics of insulator units of the cap and pin type

Isolateurs pour lignes aériennes de tension nominale supérieure à 1 000 V – Éléments d'isolateurs en céramique ou en verre pour réseaux à tension alternative – Caractéristiques des éléments d'isolateurs du type capot et tige



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IEC Central Office
3, rue de Varembe
CH-1211 Geneva 20
Switzerland

Tel.: +41 22 919 02 11
info@iec.ch
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CONTENTS

FOREWORD	3
1 Scope	5
2 Normative references	5
3 Terms and definitions	5
4 Mechanical characteristics, dimensions and types	6
5 Designation and marking with respect to shed profile	6
6 Tolerances	8
Bibliography	14
Figure 1 – Typical "standard" profile	7
Figure 2 – Typical "anti-fog" profile "P"	7
Figure 3 – Typical "aerodynamic" profile "D"	7
Figure 4 – Typical "two-alternating" profile "V"	7
Figure 5 – Typical "three-alternating" profile "T"	8
Figure 6 – String insulator unit of standard and anti-fog profile with ball and socket coupling	8
Figure 7 – String insulator unit of standard and anti-fog profile with clevis and tongue coupling	10
Figure 8 – String insulator unit of aerodynamic profile with ball and socket coupling	11
Figure 9 – String insulator unit of two-alternating profile with ball and socket coupling	11
Figure 10 – String insulator unit of three-alternating profile with ball and socket coupling	12
Table 1 – Specified values of mechanical and dimensional characteristics for string insulator units of standard and anti-fog profile with ball and socket couplings	9
Table 2 – Specified values of mechanical and dimensional characteristics for string insulator units of standard and anti-fog profile with clevis and tongue couplings	10
Table 3 – Specified values of mechanical and dimensional characteristics for string insulator units of aerodynamic profile with ball and socket couplings	11
Table 4 – Specified values of mechanical and dimensional characteristics for string insulator units of two-alternating profile with ball and socket couplings	12
Table 5 – Specified values of mechanical and dimensional characteristics for string insulator units of three-alternating profile with ball and socket couplings	13

INTERNATIONAL ELECTROTECHNICAL COMMISSION

**INSULATORS FOR OVERHEAD LINES WITH
A NOMINAL VOLTAGE ABOVE 1 000 V –
CERAMIC OR GLASS INSULATOR UNITS FOR AC SYSTEMS –
CHARACTERISTICS OF INSULATOR UNITS OF THE CAP AND PIN TYPE**

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International Standard IEC 60305 has been prepared by IEC technical committee 36: Insulators.

This fifth edition cancels and replaces the fourth edition published in 1995. This edition constitutes a technical revision.

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

- a) wording in Scope changed from "it is recommended" to "it is applicable";
- b) new normative references added;
- c) electromechanical or mechanical failing load in Clause 4 specified;
- d) new figures added showing profiles;
- e) Tables 1, 2, 3, 4 and 5 expanded to include more specified values.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
36/499/FDIS	36/501/RVD

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

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