



SLOVENSKI STANDARD SIST EN IEC 60060-1:2025

01-september-2025

Nadomešča:
SIST EN 60060-1:2011

Visokonapetostne preskusne tehnike - 1. del: Splošne definicije in preskusne zahteve

High-voltage test techniques - Part 1: General definitions and test requirements

Hochspannungs-Prüftechnik - Teil 1: Allgemeine Begriffe und Prüfbedingungen

Technique des essais à haute tension - Partie 1: Définitions et exigences générales

Ta slovenski standard je istoveten z: EN IEC 60060-1:2025

<https://standards.iteh.ai/catalog/standards/sist/60fb6796-48e8-49d7-9088-b4195bd7d19f/sist-en-iec-60060-1-2025>

ICS:

17.220.20	Merjenje električnih in magnetnih veličin	Measurement of electrical and magnetic quantities
19.080	Električno in elektronsko preskušanje	Electrical and electronic testing

SIST EN IEC 60060-1:2025

en

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 60060-1

June 2025

ICS 17.220.20

Supersedes EN 60060-1:2010

English Version

**High-voltage test techniques - Part 1: General terminology and
test requirements
(IEC 60060-1:2025)**

Techniques d'essais à haute tension - Partie 1:
Terminologie générale et exigences d'essai
(IEC 60060-1:2025)

Hochspannungs-Prüftechnik - Teil 1: Allgemeine Begriffe
und Prüfbedingungen
(IEC 60060-1:2025)

This European Standard was approved by CENELEC on 2025-05-22. 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.

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, Türkiye and the United Kingdom.

SIST EN IEC 60060-1:2025

<https://standards.iteh.ai/catalog/standards/sist/60fb6796-48e8-49d7-9088-b4195bd7d19f/sist-en-iec-60060-1-2025>



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 60060-1:2025 (E)**European foreword**

The text of document 42/444/FDIS, future edition 4 of IEC 60060-1, prepared by TC 42 "High-voltage and high-current test techniques" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60060-1:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-06-30 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-06-30 document have to be withdrawn

This document supersedes EN 60060-1:2010 and all of its amendments and corrigenda (if any).

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.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 60060-1:2025 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 standard indicated:

IEC 60270	NOTE	Approved as EN 60270
IEC 60507	NOTE	Approved as EN 60507
IEC 60060-3	NOTE	Approved as EN 60060-3
IEC 60071-1	NOTE	Approved as EN IEC 60071-1
IEC 60071-2	NOTE	Approved as EN IEC 60071-2
IEC 62271-1	NOTE	Approved as EN 62271-1

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 60060-2	-	High-voltage test techniques - Part 2: Measuring systems	EN IEC 60060-2	-
IEC 61083-1	-	Instruments and software used for measurement in high-voltage impulse tests - Part 1: Requirements for instruments	EN 61083-1	-
IEC 61083-2	-	Instruments and software used for measurement in high-voltage and high-current tests - Part 2: Requirements for software for tests with impulse voltages and currents	EN 61083-2	-
IEC 62475	-	High-current test techniques - Definitions and requirements for test currents and measuring systems	EN 62475	-



IEC 60060-1

Edition 4.0 2025-04

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**High-voltage test techniques –
Part 1: General terminology and test requirements**

**Techniques d'essais à haute tension –
Partie 1: Terminologie générale et exigences d'essai**

SIST EN IEC 60060-1:2025

<https://standards.iteh.ai/catalog/standards/sist/60fb6796-48e8-49d7-9088-b4195bd7d19f/sist-en-iec-60060-1-2025>

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 17.220.20

ISBN 978-2-8327-0328-1

**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.**