



SLOVENSKI STANDARD SIST EN IEC 61071:2025

01-oktober-2025

Nadomešča:
SIST EN 61071:2007

Kondenzatorji za močnostno elektroniko (IEC 61071:2017)

Capacitors for power electronics (IEC 61071:2017)

Kondensatoren der Leistungselektronik (IEC 61071:2017)

Condensateurs pour électronique de puissance (IEC 61071:2017)

Ta slovenski standard je istoveten z: EN IEC 61071:2025

<https://standards.iteh.ai/catalog/standards/sist/a3c41a7e-d655-40ee-83db-1cc6505aab1c/sist-en-iec-61071-2025>
ICS: 31.060.70 Močnostni kondenzatorji Power capacitors

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en

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 61071

August 2025

ICS 31.060.70

Supersedes EN 61071:2007

English Version

**Capacitors for power electronics
(IEC 61071:2017)**

Condensateurs pour électronique de puissance
(IEC 61071:2017)

Kondensatoren der Leistungselektronik
(IEC 61071:2017)

This European Standard was approved by CENELEC on 2024-10-16. 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.

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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 IEC 61071:2025 (E)**European foreword**

The text of document 33/610/FDIS, future edition 2 of IEC 61071, prepared by TC 33 "Power capacitors and their applications" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61071:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-08-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-08-31 document have to be withdrawn

This document supersedes EN 61071:2007 and all of its amendments and corrigenda (if any).

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This document has been prepared under a standardization request addressed to CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

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 61071:2017 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 60146-1-1:2009	NOTE Approved as EN 60146-1-1:2010 (not modified)
IEC 61287-1:2014	NOTE Approved as EN 61287-1:2014 (not modified)
IEC 60110-1:1998	NOTE Approved as EN 60110-1:1998 (not modified)
IEC 60143 (series)	NOTE Approved as EN IEC 60143 (series)
IEC 60252-1:2010	NOTE Approved as EN 60252-1:2011 (not modified)
IEC 60252-1:2010/A1:2013	NOTE Approved as EN 60252-1:2011/A1:2013 (not modified)
IEC 60358-1:2012	NOTE Approved as EN 60358-1:2012 (not modified)
IEC 60384-14:2013	NOTE Approved as EN 60384-14:2013 (not modified)
IEC 60831-1:2014	NOTE Approved as EN 60831-1:2014 (not modified)
IEC 60831-2:2014	NOTE Approved as EN 60831-2:2014 (not modified)

IEC 60871-1:2014	NOTE Approved as EN 60871-1:2014 (not modified)
IEC 60931-1:1996	NOTE Approved as EN 60931-1:1996 (not modified)
IEC 60931-2:1995	NOTE Approved as EN 60931-2:1996 (not modified)
IEC 61048:2006	NOTE Approved as EN 61048:2006 (not modified)
IEC 61048:2006/A1:2015	NOTE Approved as EN 61048:2006/A1:2016 (not modified)
IEC 61270-1:1996	NOTE Approved as EN 61270-1:1996 (not modified)
IEC 61881-1:2010	NOTE Approved as EN 61881-1:2011 (not modified)
IEC 61881-2:2012	NOTE Approved as EN 61881-2:2012 (not modified)
IEC 61881-3:2012	NOTE Approved as EN 61881-3:2012 (not modified)
IEC 61881-3:2012/A1:2013	NOTE Approved as EN 61881-3:2012/A1:2013 (not modified)

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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 60068-2-6	-	Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal)	EN 60068-2-6	-
IEC 60068-2-14	-	Environmental testing - Part 2-14: Tests - Test N: Change of temperature	EN IEC 60068-2-14	-
IEC 60068-2-20	-	Environmental testing - Part 2-20: Tests - Test Ta and Tb: Test methods for solderability and resistance to soldering heat of devices with leads	EN IEC 60068-2-20	-
IEC 60068-2-21	-	Environmental testing - Part 2-21: Tests - Test U: Robustness of terminations and integral mounting devices	EN IEC 60068-2-21	-
IEC 60068-2-78	-	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state	EN 60068-2-78	-
IEC 60269-1	-	Low-voltage fuses - Part 1: General requirements	EN IEC 60269-1	-
IEC 60664-1	-	Insulation coordination for equipment within low-voltage supply systems - Part 1: Principles, requirements and tests	EN IEC 60664-1	-
IEC 60695-2-11	-	Fire hazard testing - Part 2-11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end products (GWEPT)	EN IEC 60695-2-11	-
IEC 60695-2-12	-	Fire hazard testing - Part 2-12: Glowing/hot-wire based test methods - Glow-wire flammability index (GWFI) test method for materials	EN IEC 60695-2-12	-
IEC 60947-1	2007	Low-voltage switchgear and controlgear - Part 1: General rules	-	-



IEC 61071

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Capacitors for power electronics

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