
Posebne zahteve za opremo za preklapljanje virov (SSE) (IEC 62991:2022)

Particular requirements for source switching equipment (SSE) (IEC 62991:2022)

Besondere Anforderungen an Quellenumschaltanlagen (SSE) (IEC 62991:2022)

Exigences particulières relatives au matériel de commutation de source (SSE) (IEC 62991:2022)

Ta slovenski standard je istoveten z: EN IEC 62991:2025

ICS:

27.015	Energijska učinkovitost. Ohranjanje energije na splošno	Energy efficiency. Energy conservation in general
91.140.50	Sistemi za oskrbo z elektriko	Electricity supply systems

SIST EN IEC 62991:2025**en,fr,de**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 62991

April 2025

ICS 03.100.70; 27.015; 29.020

English Version

**Particular requirements for source switching equipment (SSE)
(IEC 62991:2022)**

Exigences particulières relatives au matériel de
commutation de source (SSE)
(IEC 62991:2022)

Besondere Anforderungen an
Quellenumschaltanlagen (SSE)
(IEC 62991:2022)

This European Standard was approved by CENELEC on 2025-02-19. 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 62991:2025

<https://standards.iteh.ai/catalog/standards/sist/1e2485d8-d18c-44dd-b72b-e5ca6d9a04e0/sist-en-iec-62991-2025>



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 62991:2025 (E)**European foreword**

The text of document 23K/78/FDIS, future edition 1 of IEC 62991, prepared by SC 23K "Electrical Energy Efficiency products" of IEC/TC 23 "Electrical accessories" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62991:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-04-30 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-04-30 document have to be withdrawn

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.

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.

For the relationship with EU Legislation, see informative Annex ZZ, which is an integral part of this document.

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 62991:2022 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 60038	NOTE Approved as EN 60038
IEC 60112	NOTE Approved as EN IEC 60112
IEC 60364-4-41	NOTE Approved as HD 60364-4-41
IEC 60364-8-1:2019	NOTE Approved as HD 60364-8-1:2019 (not modified)
IEC 60529	NOTE Approved as EN 60529
IEC 60669-1:2017	NOTE Approved as EN 60669-1:2018
IEC 60947-1:2020	NOTE Approved as EN IEC 60947-1:2021 (not modified)
IEC 60947-4-1:2018	NOTE Approved as EN IEC 60947-4-1:2019 (not modified)
IEC 60947-6-1:2021	NOTE Approved as EN IEC 60947-6-1:2023 (not modified)
IEC 61000-6-1	NOTE Approved as EN IEC 61000-6-1
IEC 61140	NOTE Approved as EN 61140

IEC 62019 NOTE Approved as EN 62019

IEC 62933-1:2018 NOTE Approved as EN IEC 62933-1:2018 (not modified)

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<https://standards.iteh.ai/catalog/standards/sist/1e2485d8-d18c-44dd-b72b-e5ca6d9a04e0/sist-en-iec-62991-2025>

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 60068-2-78	-	Environmental testing – Part 2-78: Tests – Test Cab: Damp heat, steady state	EN 60068-2-78	2013
IEC 60085	-	Electrical insulation – Thermal evaluation and designation	EN 60085	2008
IEC 60127-1	-	Miniature fuses – Part 1: Definitions for miniature fuses and general requirements for miniature fuse-links	EN IEC 60127-1	2024
IEC 60212	-	Standard conditions for use prior to and during the testing of solid electrical insulating materials	EN 60212	2011
IEC 60228	-	Conductors of insulated cables	EN IEC 60228	2024
IEC 60317-0-1	2013	Specifications for particular types of winding wires - Part 0-1: General requirements - Enamelled round copper wire	EN 60317-0-1 + A1	2014 2019
IEC 60364-8-82	2022 ¹	Low voltage electrical installations- Part 8-82: Prosumer's low-voltage electrical installations	-	-
IEC 60384-14 + A1	2013 2016	Fixed capacitors for use in electronic equipment – Part 14: Sectional specification – Fixed capacitors for electromagnetic interference suppression and connection to the supply mains	EN 60384-14 + A1 + AC	2013 2016 2016

¹ Dated as no EN equivalent exists.

EN IEC 62991:2025 (E)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60417	database	Graphical symbols for use on equipment (available at http://www.graphical-symbols.info/equipment)	-	-
IEC 60664-1	2020	Insulation coordination for equipment within low-voltage systems - Part 1: Principles, requirements and tests	EN IEC 60664-1 + AC	2020 2020-12
IEC 60664-3	-	Insulation coordination for equipment within low-voltage systems - Part 3: Use of coating, potting or moulding for protection against pollution	EN 60664-3	2017
IEC 60669	series	Switches for household and similar fixed-electrical installations	EN 60669-1 + AC + AC EN IEC 60669-2-1 + A11 + AC EN 60669-2-2 EN 60669-2-3 EN 60669-2-4 EN 60669-2-5 EN 60669-2-6	2018 2018-11 2020-02 2022 2022 2024-01 2006 2006 2005 2016 2012
IEC 60695-2-10	-	Fire hazard testing - Part 2-10: Glowing/hot-wire based test methods - Glow-wire apparatus and common test procedure	EN IEC 60695-2-10 + AC	2021 2024-01
IEC 60695-2-11	2021	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	2021
IEC 60898-1	-	Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 1: Circuit-breakers for a.c. operation	EN 60898-1	2019
IEC 60898-2	-	Electrical accessories - Circuit-breakers for overcurrent protection for household and similar installations - Part 2: Circuit-breakers for AC and DC operation	EN 60898-2	2021
IEC 61000-4-2	-	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	EN 61000-4-2	2009
IEC 61000-4-3	-	Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test	EN IEC 61000-4-3	2020