



SLOVENSKI STANDARD

oSIST prEN IEC 62397:2025

01-december-2025

Jedrske elektrarne - Merilna in nadzorna oprema za zagotavljanje varnosti - Detektorji upora temperature

Nuclear power plants - Instrumentation and control important to safety - Resistance
temperature detectors

Kernkraftwerke - Leittechnik mit sicherheitstechnischer Bedeutung - Widerstands-
Temperaturfühler

Centrales nucléaires de puissance - Instrumentation et contrôle-commande importants
pour la sûreté - Sondes à résistance

Ta slovenski standard je istoveten z: prEN IEC 62397:2025

[oSIST prEN IEC 62397:2025](https://standards.iteh.ai/catalog/standards/sist/56ddd2fc-8dca-461b-981d-1a43674f77ff/osist-pr-en-iec-62397-2025)

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ICS:

27.120.20 Jedrske elektrarne. Varnost Nuclear power plants. Safety

oSIST prEN IEC 62397:2025

en

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN IEC 62397

October 2025

ICS 27.120.20

English Version

**Nuclear power plants - Instrumentation and control important to
safety - Resistance temperature detectors
(IEC 62397:2022)**

Centrales nucléaires de puissance - Instrumentation et
contrôle-commande importants pour la sûreté - Sondes à
résistance
(IEC 62397:2022)

Kernkraftwerke - Leittechnik mit sicherheitstechnischer
Bedeutung - Widerstands-Temperaturfühler
(IEC 62397:2022)

This draft European Standard is submitted to CENELEC members for enquiry.
Deadline for CENELEC: 2026-01-02.

The text of this draft consists of the text of IEC 62397:2022.

If this draft becomes a European Standard, 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.

This draft European Standard was established by CENELEC 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.

Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Warning : This document is not a European Standard. It is distributed for review and comments. It is subject to change without notice and shall not be referred to as a European Standard.



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

prEN IEC 62397:2025 (E)**European foreword**

This document (prEN IEC 62397:2025) consists of the text of document IEC 62397:2022, prepared by IEC/SC 45A "Instrumentation, control and electrical power systems of nuclear facilities" of IEC/TC 45 "Nuclear instrumentation".

This document is currently submitted to the Enquiry.

The following dates are proposed:

- latest date by which the existence of this document (doa) dav + 6 months
has to be announced at national level
- latest date by which this document has to be (dop) dav + 12 months
implemented at national level by publication of an
identical national standard or by endorsement
- latest date by which the national standards (dow) dav + 36 months
conflicting with this document have to be withdrawn
(to be confirmed or
modified when voting)

As stated in the nuclear safety directive 2009/71/EURATOM, Chapter 1, Article 2, item 2, Member States are not prevented from taking more stringent safety measures in the subject-matter covered by the Directive, in compliance with Community law.

In a similar manner, this document does not prevent Member States from taking more stringent nuclear safety and/or security measures in the subject-matter covered by this document.

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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	2007	Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal)	EN 60068-2-6	2008
IEC 60068-2-30	2005	Environmental testing - Part 2-30: Tests - Test Db: Damp heat, cyclic (12 h + 12 h cycle)	EN 60068-2-30	2005
IEC 60751	2022	Industrial platinum resistance thermometers and platinum temperature sensors	EN IEC 60751	2022
IEC/IEEE 60780-323	2016	Nuclear facilities - Electrical equipment important to safety - Qualification	EN 60780-323	2017
IEC/IEEE 60980-344	2020	Nuclear facilities - Equipment important to safety - Seismic qualification	EN IEC/IEEE 60980-344	2021

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