

SLOVENSKI STANDARD
oSIST prEN IEC/IEEE 62395-1:2026
01-marec-2026

**Industrijski in komercialni sistemi električnih uporovnih grelnih trakov - 1. del:
Splošno in zahteve za preskušanje**

Electrical resistance trace heating systems for industrial and commercial applications -
Part 1: General and testing requirements

Elektrische Widerstands-Begleitheizungen für industrielle und gewerbliche Zwecke - Teil
1: Allgemeine Anforderungen und Prüfanforderungen

Systèmes de traçage par résistance électrique pour applications industrielles et
commerciales - Partie 1 : exigences générales et d'essai

Ta slovenski standard je istoveten z: prEN IEC/IEEE 62395-1:2026

[oSIST prEN IEC/IEEE 62395-1:2026](https://standards.itek.si/catalog/standards/jst/c712bb24_4264_4080_1000_6cc80a0a02c/sist-pren-iec-ieee-62395-1-2026)

ICS:

25.180.10 Električne peči Electric furnaces

oSIST prEN IEC/IEEE 62395-1:2026 en

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
prEN IEC/IEEE 62395-1

January 2026

ICS 25.180.10

Will supersede EN 62395-1:2013

English Version

Electrical resistance trace heating systems for industrial and
commercial applications - Part 1: General and testing
requirements
(IEC/IEEE 62395-1:2024)

Systèmes de traçage par résistance électrique pour
applications industrielles et commerciales - Partie 1 :
exigences générales et d'essai
(IEC/IEEE 62395-1:2024)

Elektrische Widerstands-Begleitheizungen für industrielle
und gewerbliche Zwecke - Teil 1: Allgemeine
Anforderungen und Prüfanforderungen
(IEC/IEEE 62395-1:2024)

This draft European Standard is submitted to CENELEC members for enquiry.
Deadline for CENELEC: 2026-04-10.

The text of this draft consists of the text of IEC/IEEE 62395-1:2024.

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/IEEE 62395-1:2026 (E)**European foreword**

This document (prEN IEC/IEEE 62395-1:2026) consists of the text of IEC/IEEE 62395-1:2024 prepared by IEC/TC 27 "Industrial electroheating and electromagnetic processing".

This document is currently submitted to the Enquiry.

The following dates are proposed:

- latest date by which the existence of this document has (doa) dav+ 6 months 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 conflicting (dow) dav+ 36 months with this document have to be withdrawn (to be confirmed or modified when voting)

This document will supersede EN 62395-1:2013 and all of its amendments and corrigenda (if any).

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[oSIST prEN IEC/IEEE 62395-1:2026](#)

<https://standards.iteh.ai/catalog/standards/sist/e712bb24-4264-4989-b990-6eac80a9c03c/osist-pren-iec-ieee-62395-1-2026>

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.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60519-1	-	Safety in installations for electroheating and electromagnetic processing - Part 1: General requirements	EN IEC 60519-1	-
IEC 60529	-	Degrees of protection provided by enclosures (IP Code)	EN 60529	-
IEC 60695-11-3	2012	Fire hazard testing - Part 11-3: Test flames - 500 W flames - Apparatus and confirmational test methods	EN 60695-11-3	2012
IEC/IEEE 62395-2	2024	Electrical resistance trace heating systems for industrial and commercial applications - Part 2: Application guide for system design, installation and maintenance	EN IEC/IEEE 62395-2	— ¹
ISO 7240-2	2017	Fire detection and alarm systems - Part 2: Fire detection control and indicating equipment	—	—
ANSI/UL 864	-	Standard for Control Units and Accessories for Fire Alarm Systems & Control and Indicating Equipment	-	-
ASTM D 5025-20	-	Standard Specification for Laboratory Burner Used for Small-Scale Burning Tests on Plastic Materials	-	-
ASTM G155-21	-	Standard practice for operating xenon arc light apparatus for exposure of nonmetallic materials	-	-

¹ Under preparation. Stage at the time of Enquiry: prEN IEC/IEEE 62395-2:2026.



IEC/IEEE 62395-1

Edition 1.0 2024-06

INTERNATIONAL STANDARD



Electrical resistance trace heating systems for industrial and commercial applications – Part 1: General and testing requirements

Document Preview

[oSIST prEN IEC/IEEE 62395-1:2026](#)

<https://standards.iteh.ai/catalog/standards/sist/e712bb24-4264-4989-b990-6eac80a9c03c/osist-pr-en-iec-ieee-62395-1-2026>

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

ICS 25.180.10

ISBN 978-2-8322-9002-6

Warning! Make sure that you obtained this publication from an authorized distributor.