

English version

**Fire hazard testing -
Part 2-10: Glowing/hot-wire based test methods -
Glow-wire apparatus and common test procedure
(IEC 60695-2-10:2013)**

Essais relatifs aux risques du feu -
Partie 2-10: Essais au fil
incandescent/chauffant -
Appareillage et méthode commune d'essai
(CEI 60695-2-10:2013)

Prüfungen zur Beurteilung der
Brandgefahr -
Teil 2-10: Prüfverfahren mit dem
Glühdraht -
Glühdrahtprüfeinrichtung und allgemeines
Prüfverfahren
(IEC 60695-2-10:2013)

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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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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 89/1154/FDIS, future edition 2 of IEC 60695-2-10, prepared by IEC/TC 89 "Fire hazard testing" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60695-2-10:2013.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2014-02-14
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2016-05-14

This document supersedes EN 60695-2-10:2001.

EN 60695-2-10:2013 includes the following significant technical changes with respect to EN 60695-2-10:2001:

- A table of contents has been added.
- The introduction has been updated to align with other TC 89 documents.
- The scope has been clarified to align with other documents in the EN 60695-2 Glow-wire series.
- Terms and definitions relevant to this document have been added.
- Clause 4 has been deleted and the remaining clauses renumbered.
- The description of the power supply has been updated with additional details (see 4.1).
- The temperature measuring system (see 4.3) and the description of the specified layer has been updated (see 4.4).
- New guidance has been introduced to assist in the verification of the temperature measuring system (see 5.2 and Annex C).
- The common test produced has been clarified (see Clause 7).
- The tolerances have been changed for the dimensions of the glow-wire (see Figure 1).
- New guidance on flaming observations has been added (see Annex B).

This standard is to be used in conjunction with EN 60695-2-11, EN 60695-2-12 and EN 60695-2-13.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC [and/or CEN] shall not be held responsible for identifying any or all such patent rights.

This standard covers the Principle Elements of the Safety Objectives for Electrical Equipment Designed for Use within Certain Voltage Limits (LVD - 2006/95/EC).

Endorsement notice

The text of the International Standard IEC 60695-2-10:2013 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 standards indicated:

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| IEC 60695-1-10 | NOTE | Harmonised as EN 60695-1-10. |
| IEC 60695-1-11 | NOTE | Harmonised as EN 60695-1-11. |