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Part 43: Proof tracking index (PTI)

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Electrical relays - Tests and measurements - Part 43: Proof tracking index (PTI)

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IEC 63522-43 has been prepared by IEC technical committee 94: Electrical relays. It is an International Standard.

The text of this International Standard is based on the following documents:

Draft	Report on voting
94/1076/FDIS	94/1169/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

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– reconfirmed,

– withdrawn, or

– revised.

1 Scope

This document is used for testing along with the appropriate severities and conditions for measurements and tests designed to assess the ability of specimens to perform under expected conditions of transportation, storage and all aspects of operational use.

This document defines a standard test method for evaluation of appropriate materials having appropriate values of tracking resistance.

2 Normative references

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.

IEC 60112:2020, *Method for the determination of the proof and the comparative tracking indices of solid insulating materials*

IEC 63522-0:–, *Electrical relays - Tests and measurements - Part 0: General and guidance*[1]

[1] Under preparation. Stage at the time of publication: IEC CCDV 63522-0:2024.