

STN	Elektrické relé Skúšky a merania Časť 43: Skúšobný index odolnosti proti povrchovému prúdeniu (PTI)	STN EN IEC 63522-43 35 3410
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Electrical relays - Tests and measurements - Part 43: Proof tracking index (PTI)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 03/26

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EUROPEAN STANDARD

EN IEC 63522-43

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

**Electrical relays - Tests and measurements - Part 43: Proof tracking index (PTI)
(IEC 63522-43:2025)**

Relais électriques - Essais et mesurages - Partie 43: Indice de tenue au cheminement (ITC)
(IEC 63522-43:2025)

Elektrische Relais - Mess- und Prüfverfahren - Teil 43: Prüfzahl der Kriechwegbildung (PTI)
(IEC 63522-43:2025)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
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EN IEC 63522-43:2026 (E)**European foreword**

The text of document 94/1076/FDIS, future edition 1 of IEC 63522-43, prepared by TC 94 "Electrical relays" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63522-43:2026.

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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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 60112	2020	Method for the determination of the proof and the comparative tracking indices of solid insulating materials	EN IEC 60112	2020
IEC 63522-0	– ¹	Electrical relays - Tests and Measurements - Part 0: General and Guidance	EN IEC 63522-0	– ²

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

² Under preparation. Stage at the time of publication: prEN IEC 63522-0:2025.



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NORME INTERNATIONALE

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

**Relais électriques - Essais et mesurages -
Partie 43: Indice de tenue au cheminement (ITC)**



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

FOREWORD

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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.

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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.

A list of all parts in the IEC 63522 series, published under the general title *Electrical relays - Tests and measurements*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
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- 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

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