

STN	Elektrické relé Skúšky a merania Časť 30: Zasekávanie kontaktov (oneskorené uvoľnenie)	STN EN IEC 63522-30 35 3410
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Electrical relays - Tests and measurements - Part 30: Contact sticking (delayed release)

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. 11/25

Obsahuje: EN IEC 63522-30:2025, IEC 63522-30:2025

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EUROPEAN STANDARD

EN IEC 63522-30

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

**Electrical relays - Tests and measurements - Part 30: Contact sticking (delayed release)
(IEC 63522-30:2025)**

Relais électriques - Essais et mesurages - Partie 30:
Collage de contacts (relâchement différé)
(IEC 63522-30:2025)

Elektrische Relais - Mess- und Prüfverfahren - Teil 30:
Kontaktkleben (verzögertes Rückfallen)
(IEC 63522-30:2025)

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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

EN IEC 63522-30:2025 (E)**European foreword**

The text of document 94/1072/FDIS, future edition 1 of IEC 63522-30, prepared by TC 94 "Electrical relays" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63522-30:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-09-30 level by publication of an identical national standard or by endorsement
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Endorsement notice

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In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60068-2-1	NOTE	Approved as EN 60068-2-1
IEC 60068-2-2	NOTE	Approved as EN 60068-2-2
IEC 60068-2-14	NOTE	Approved as EN IEC 60068-2-14
IEC 60068-2-30	NOTE	Approved as EN 60068-2-30
IEC 60068-2-38	NOTE	Approved as EN IEC 60068-2-38
IEC 60068-2-78	NOTE	Approved as EN 60068-2-78
IEC 61810-1:2015	NOTE	Approved as EN 61810-1:2015 (not modified)
IEC 61810-1:2015/A1:2019	NOTE	Approved as EN 61810-1:2015/A1:2020 (not modified)
IEC 61810-7:2006	NOTE	Approved as EN 61810-7:2006 (not modified)
IEC 63522-7	NOTE	Approved as EN IEC 63522-7

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 63522-0	— ¹	Electrical relays - Tests and Measurements - Part 0: General and Guidance	EN IEC 63522-0	— ²
IEC 63522-1 ³	-	Electrical relays - Tests and measurements - Part 1: Visual inspection and check of dimensions	EN IEC 63522-1 ⁴	-
IEC 63522-3 ⁵	-	Electrical relays - Tests and measurements - Part 3: Relay coil properties	EN IEC 63522-3 ⁶	-
IEC 63522-6	-	Electrical relays - Tests and measurements - Part 6: Contact-circuit resistance or voltage drop	EN IEC 63522-6	-
IEC 63522-8	-	Electrical relays - Tests and measurements - Part 8: Timing	EN IEC 63522-8	-

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

² Under preparation. Stage at the time of publication: prEN IEC 63522-0:2024.

³ Under preparation. Stage at the time of publication: IEC RFDIS 63522-1:2025.

⁴ Under preparation. Stage at the time of publication: FprEN IEC 63522-1:2025.

⁵ Under preparation. Stage at the time of publication: IEC CDV 63522-3:2025.

⁶ Under preparation. Stage at the time of publication: prEN IEC 63522-3:2025.



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**Electrical relays - Tests and measurements -
Part 30: Contact sticking (delayed release)**



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**Electrical relays -
Tests and measurements -
Part 30: Contact sticking (delayed release)**

FOREWORD

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IEC 63522-30 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:

FDIS	Report on voting
94/1072/FDIS	94/1152/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 of 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,
- withdrawn, or
- revised.

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1 Scope

This document is used for testing all kinds of electrical relays and for evaluating their ability to perform under expected conditions of transportation, storage and all aspects of operational use.

NOTE Examples for electrical relays in the sense of this document include electromechanical relays, reed relays, reed contacts, reed switches, solid state relays, time relays and technology combinations of these.

This document defines a standard test method to determine contact sticking of relays as part of the normal service life, i.e., devices under test (DUTs) fail to open within a specified time, due to, for example, effects of remanence, chemical effects, or high temperature. It does not cover contact sticking during or after electrical endurance testing or due to other validation tests for relays.

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 63522-0:—, *Electrical relays - Tests and measurements - Part 0: Testing - General and guidance*¹

IEC 63522-1, *Electrical relays - Tests and measurements - Part 1: Visual inspection and check of dimensions*²

IEC 63522-3, *Electrical relays - Tests and measurements - Part 3: Relay coil properties*³

IEC 63522-6, *Electrical relays - Tests and measurements - Part 6: Contact-circuit resistance or voltage drop*

IEC 63522-8, *Electrical relays - Tests and measurements - Part 8: Timing tests*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN

¹ First edition under preparation. Stage at the time of publication: IEC CDV 63522-0:2024.

² First edition under preparation. Stage at the time of publication: IEC RFDIS 63522-1:2025.

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