SLOVENSKI STANDARD
SIST EN IEC 63522-17:2025

01-maj-2025

Električni releji - Preskusi in meritve - 7-17. del: Udar, pospešek in vibracije

Electrical relays - Tests and Measurements - Part 7-17: Shock, Acceleration and Vibration

Elektrische Relais – Mess- und Prüfverfahren – Teil 17: Schock, Vibration und Beschleunigung

Relais électriques - Essais et mesurages - Partie 7-17: Chocs, accélération et vibrations

Ta slovenski standard je istoveten z: **EN IEC 63522-17:2025**

ICS:

29.120.70 Releji Relays

SIST EN IEC 63522-17:2025 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 63522-17

January 2025

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English Version

Electrical relays - Tests and measurements - Part 17: Shock, acceleration and vibration (IEC 63522-17:2024)

Relais électriques - Essais et mesurages - Partie 17: Chocs, accélération et vibrations (IEC 63522-17:2024)

Elektrische Relais - Mess- und Prüfverfahren - Teil 17: Schock, Vibration und Beschleunigung (IEC 63522-17:2024)

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CENELEC

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

Ref. No. EN IEC 63522-17:2025 E

European foreword

The text of document 94/1053/FDIS, future edition 1 of IEC 63522-17, prepared by TC 94 "Electrical relays" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63522-17:2025.

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) 2026-01-31
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2028-01-31

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The text of the International Standard IEC 63522-17:2024 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 standard indicated:

IEC 61373:2010	NOTE	Approved as EN 61373:2010 (not modified)
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 61810-4:2020	NOTE	Approved as EN IEC 61810-4:2020 (not modified)
IEC 61810-7:2006	NOTE	Approved as EN 61810-7:2006 (not modified)
IEC 61810-10:2019	NOTE	Approved as EN IEC 61810-10:2019 (not modified)

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.

Publication	Year	Title	EN/HD	Year
IEC 60068-2-6	2007	Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal)	EN 60068-2-6	2008
IEC 60068-2-7	1983	Basic environmental testing procedures - Part 2-7: Tests - Test Ga and guidance: Acceleration, steady state	EN 60068-2-7	1993
+ A1	1986		-	-
IEC 60068-2-27	2008	Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock	EN 60068-2-27	2009
IEC 60068-2-64	2008	Environmental testing - Part 2-64: Tests - Test Fh: Vibration, broadband random and guidance	EN 60068-2-64	2008
+ A1	2019		+ A1	2019
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 63522-5[5]	-	Electrical relays - Tests and measurements - Part 5: Insulation resistance	EN IEC 63522-5[6]	-

[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 CDV 63522-1:2023.

[4] Under preparation. Stage at the time of publication: prEN IEC 63522-1:2023.

[5] Under preparation. Stage at the time of publication: IEC CDV 63522-5:2024.

[6] Under preparation. Stage at the time of publication: prEN IEC 63522-5:2024.

Publication	Year	Title	EN/HD	Year
IEC 63522-6[7]	-	Electrical relays - Tests and measurements - Part 6: Contact-circuit resistance (or voltage drop)	EN IEC 63522-6[8]	-
IEC 63522-7[9]	-	Electrical relays - Tests and measurements - Part 7: Functional tests	EN IEC 63522-7[10]	-

[7] Under preparation. Stage at the time of publication: IEC FDIS 63522-6:2024.

[8] Under preparation. Stage at the time of publication: FprEN IEC 63522-6:2024.

[9] Under preparation. Stage at the time of publication: IEC FDIS 63522-7:2024.

[10] Under preparation. Stage at the time of publication: FprEN IEC 63522-7:2024.

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ELECTRICAL RELAYS – TESTS AND MEASUREMENTS –

Part 17: Shock, acceleration and vibration

FOREWORD

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IEC 63522-17 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
94/1053/FDIS	94/1082/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.

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 French version of this standard has not been voted upon.

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.