



BSI Standards Publication

Electrical relays — Tests and measurements

Part 17: Shock, acceleration and vibration

National foreword

This British Standard is the UK implementation of EN IEC 63522-17:2025. It is identical to IEC 63522-17:2024.

The UK participation in its preparation was entrusted to Technical Committee W/-, Miscellaneous Standards.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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Amendments/corrigenda issued since publication

Date	Text affected
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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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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

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 (dop) 2026-01-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-01-31 document have to be withdrawn

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Endorsement notice

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.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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.

EN IEC 63522-17:2025 (E)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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.