BS EN IEC 63522-37:2025

BSI Standards Publication

Electrical relays — Tests and measurements

Part 37: Terminal temperature rise at rated load

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National foreword

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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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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 63522-37

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English Version

Electrical relays - Tests and measurements - Part 37: Terminal temperature rise at rated load (IEC 63522-37:2025)

Relais électriques - Essais et mesurages - Partie 37: Échauffement des bornes à la charge assignée (IEC 63522-37:2025)

Elektrische Relais - Mess- und Prüfverfahren - Teil 37: Klemmentemperaturanstieg bei Nennlast (IEC 63522-37:2025)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
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European foreword

The text of document 94/1131/FDIS, future edition 1 of IEC 63522-37, prepared by TC 94 "Electrical relays" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63522-37:2025.

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) 2026-06-30
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2028-06-30

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

This document is read in conjunction with EN 63522-0:–[1].

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 63522-37:2025 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 60664-1	NOTE	Approved as EN IEC 60664-1
IEC 61810-7:2006	NOTE	Approved as EN 61810-7:2006 (not modified)

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

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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 60584-1	-	Thermocouples - Part 1: EMF specifications and tolerances	EN 60584-1	-
IEC 60998-1	-	Connecting devices for low-voltage circuits for household and similar purposes - Part 1: General requirements	EN 60998-1	-
IEC 60999-1	-	Connecting devices - Electrical copper conductors - Safety requirements for screw-type and screwless-type clamping units - Part 1: General requirements and particular requirements for clamping units for conductors from 0,2 mm2 up to 35 mm2 (included)	EN 60999-1	-
IEC 61810-1	2015	Electromechanical elementary relays - Part 1: General and safety requirements	EN 61810-1	2015
IEC 63522-0	—[2]	Electrical relays - Tests and Measurements - Part 0: General and Guidance	EN IEC 63522-0	—[3]
IEC 63522-7	-	Electrical relays - Tests and measurements - Part 7: Functional tests	EN IEC 63522-7	-

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

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

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