



BSI Standards Publication

Electrical relays — Tests and measurements

Part 16: Soldering

National foreword

This British Standard is the UK implementation of EN IEC 63522-16:2025. It is identical to IEC 63522-16:2025.

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

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English Version

Electrical relays - Tests and measurements - Part 16: Soldering
(IEC 63522-16:2025)

Relais électriques - Essais et mesurages - Partie 16:
Brasage
(IEC 63522-16:2025)

Elektrische Relais - Mess- und Prüfverfahren - Teil 16:
Löten
(IEC 63522-16:2025)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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European foreword

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The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-06-30 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-06-30 document have to be withdrawn

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This document is read in conjunction with EN IEC 63522-0¹.

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 63522-16:2025 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 60068-2-17	NOTE	Approved as EN IEC 60068-2-17
IEC 60068-2-69	NOTE	Approved as EN 60068-2-69

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

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 60068-2-20	2021	Environmental testing - Part 2-20: Tests - Test Ta and Tb: Test methods for solderability and resistance to soldering heat of devices with leads	EN IEC 60068-2-20	2021
IEC 60068-2-69	-	Environmental testing - Part 2-69: Tests - Test Te/Tc: Solderability testing of electronic components and printed boards by the wetting balance (force measurement) method	EN 60068-2-69	-
IEC 61760-1	2020	Surface mounting technology - Part 1: Standard method for the specification of surface mounting components (SMDs)	EN IEC 61760-1	2020
IEC 63522-0 ²	—	Electrical relays - Tests and Measurements - Part 0: General and Guidance	EN IEC 63522-0 ³	—
IEC 63522-1 ⁴	—	Electrical relays - Tests and measurements - Part 1: Visual inspection and check of dimensions	EN IEC 63522-1 ⁵	—
IEC 63522-7	2025	Electrical relays - Tests and measurements - Part 7: Functional tests	EN IEC 63522-7	2025
IEC 63522-11	2025	Electrical relays - Tests and measurements - Part 11: Enclosure protection and degree of protection	EN IEC 63522-11	2025

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.

⁴ Under preparation. Stage at the time of publication: IEC FDIS 63522-1:2024.

⁵ Under preparation. Stage at the time of publication: FprEN IEC 63522-1:2025.

CONTENTS

FOREWORD.....	3
1 Scope.....	5
2 Normative references.....	5
3 Terms and definitions.....	5
4 Test procedure.....	6
4.1 Purpose.....	6
4.2 Procedure.....	6
4.2.1 General.....	6
4.2.2 Resistance to soldering heat.....	6
4.2.3 Resistance to standard industrial soldering processes.....	8
4.2.4 Solderability, wetting – Wetting balanced method.....	9
4.3 Conditions.....	10
5 Evaluation.....	10
5.1 General.....	10
5.2 Test report.....	11
Bibliography.....	12
Figure 1 – Double wave soldering profile.....	8
Figure 2 – SMT and through hole soldering profile.....	9
Table 1 – Test conditions for test Tb.....	7