



BSI Standards Publication

Safety of transformers, reactors, power supply units and combinations thereof

Part 2-1: Particular requirements and tests for separating transformers and power supply units incorporating separating transformers for general applications

National foreword

This British Standard is the UK implementation of EN IEC 61558-2-1:2025. It is identical to IEC 61558-2-1:2021. It supersedes BS EN 61558-2-1:2007, which will be withdrawn on 31 March 2028.

The UK participation in its preparation was entrusted to Technical Committee PEL/96, Small transformers.

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

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Published by BSI Standards Limited 2025

ISBN 978 0 539 05618 1

ICS 29.180

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 31 March 2025.

Amendments/corrigenda issued since publication

Date	Text affected
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English Version

Safety of transformers, reactors, power supply units and combinations thereof - Part 2-1: Particular requirements and tests for separating transformers and power supplies incorporating separating transformers for general applications (IEC 61558-2-1:2021)

Sécurité des transformateurs, des bobines d'inductance, des blocs d'alimentation et combinaisons de ces éléments - Partie 2-1 : Exigences particulières et essais pour les transformateurs d'isolement à enroulements séparés et les blocs d'alimentation incorporant des transformateurs d'isolement à enroulements séparés pour applications d'ordre général (IEC 61558-2-1:2021)

Sicherheit von Transformatoren, Drosseln, Netzgeräten und entsprechenden Kombinationen - Teil 2-1: Besondere Anforderungen und Prüfungen für Netztransformatoren und Netzgeräte, die Netztransformatoren enthalten, für allgemeine Anwendungen (IEC 61558-2-1:2021)

This European Standard was approved by CENELEC on 2024-10-16. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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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 96/499/FDIS, future edition 3 of IEC 61558-2-1, prepared by TC 96 "Transformers, reactors, power supply units, and combinations thereof" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61558-2-1:2025.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2026-03-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2028-03-31 document have to be withdrawn

This document supersedes EN 61558-2-1:2007 and all of its amendments and corrigenda (if any).

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 IEC 61558-1:2019.

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 61558-2-1:2021 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 61558 series	NOTE	Approved as EN 61558 series
IEC 60204-1:2016	NOTE	Approved as EN 60204-1:2018

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.

Annex ZA of EN IEC 61558-1 is applicable, except as follows:

Add:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61558-1	2017	Safety of transformers, reactors, power supply units and combinations thereof - Part 1: General requirements and tests	EN IEC 61558-1	2019

CONTENTS

FOREWORD	3
INTRODUCTION	5
1 Scope	6
2 Normative references	7
3 Terms and definitions	7
4 General requirements	7
5 General notes on tests	7
6 Ratings	8
7 Classification	8
8 Marking and other information	8
9 Protection against electric shock	9
10 Change of input voltage setting	9
11 Output voltage and output current under load	9
12 No-load output voltage	9
13 Short-circuit voltage	10
14 Heating	10
15 Short-circuit and overload protection	10
16 Mechanical strength	11
17 Protection against harmful ingress of dust, solid objects and moisture	11
18 Insulation resistance, dielectric strength and leakage current	11
19 Construction	11
20 Components	11
21 Internal wiring	11
22 Supply connection and other external flexible cable or cords	11
23 Terminals for external conductors	11
24 Provisions for protective earthing	11
25 Screws and connections	11
26 Creepage distances, clearances and distances through insulation	11
27 Resistance to heat, fire and tracking	11
28 Resistance to rusting	12
Annexes	13
Bibliography	14
Table 101 – Symbols indicating the kind of transformer	9
Table 102 – Output voltage ratio	10