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BSI Standards Publication

Protection against lightning

Part 3: Physical damage to structures and life hazard

bsi.

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National foreword

This British Standard is the UK implementation of EN IEC 62305-3:2024. It is identical to IEC 62305-3:2024. It supersedes BS EN 62305-3:2011, which will be withdrawn on 31 October 2027.

The UK committee advises users that the BS EN IEC 62305 third edition series should be implemented in full as it would not be safe to implement Parts 1, 3 and 4 of the third edition without having done a risk assessment in accordance with BS EN IEC 62305-2:2024.

The UK participation in its preparation was entrusted to Technical Committee GEL/81, Protection against lightning.

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

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This British Standard was published under the authority of the Standards Policy and Strategy Committee on 28 February 2025.

Amendments/corrigenda issued since publication

Date	Text affected

EUROPEAN STANDARD **EN IEC 62305-3**

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EUROPÄISCHE NORM

October 2024

ICS 29.020; 91.120.40

Supersedes EN 62305-3:2011

English Version

Protection against lightning - Part 3: Physical damage to structures and life hazard (IEC 62305-3:2024)

Protection contre la foudre - Partie 3: Dommages physiques sur les structures et risques humains (IEC 62305-3:2024)

Blitzschutz - Teil 3: Schutz von baulichen Anlagen und Personen (IEC 62305-3:2024)

This European Standard was approved by CENELEC on 2024-10-17. 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
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Ref. No. EN IEC 62305-3:2024 E

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European foreword

The text of document 81/764/FDIS, future edition 3 of IEC 62305-3, prepared by TC 81 "Lightning protection" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62305-3:2024.

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) 2025-10-31
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2027-10-31

This document supersedes EN 62305-3:2011 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.

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 62305-3:2024 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 61400-24	NOTE	Approved as EN IEC 61400-24
ISO 1182	NOTE	Approved as EN ISO 1182
ISO 11925-2	NOTE	Approved as EN ISO 11925-2
IEC 60071-2	NOTE	Approved as EN IEC 60071-2
IEC 60079-17	NOTE	Approved as EN IEC 60079-17
IEC 62858	NOTE	Approved as EN IEC 62858

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(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 60079-10-1	2020	Explosive atmospheres - Part 10-1: Classification of areas - Explosive gas atmospheres	EN IEC 60079-10-1	2021
IEC 60079-10-2	2015	Explosive atmospheres - Part 10-2: Classification of areas - Explosive dust atmospheres	EN 60079-10-2	2015
IEC 60079-14	-	Explosive atmospheres - Part 14: Electrical installation design, selection and installation of equipment, including initial inspection	EN IEC 60079-14	-
IEC 60364-5-53	-	Low-voltage electrical installations -- Part 5-53: Selection and erection of electrical equipment - Protection, isolation, switching, control and monitoring	-	-
IEC 61643-11	-	Low-voltage surge protective devices - Part 11: Surge protective devices connected to low-voltage power systems - Requirements and test methods	EN 61643-11	-
IEC 61643-21	-	Low voltage surge protective devices - Part 21: Surge protective devices connected to telecommunications and signalling networks - Performance requirements and testing methods	EN 61643-21	-
IEC 62305-1	2024	Protection against lightning - Part 1: General principles	EN IEC 62305-1	2024
IEC 62305-2	2024	Protection against lightning - Part 2: Risk management	EN IEC 62305-2	2024
IEC 62305-4	2024	Protection against lightning - Part 4: Electrical and electronic systems within structures	EN IEC 62305-4	2024
IEC 62561	series	Lightning protection system components (LPSC) - Part 1: Requirements for connection components	EN IEC 62561	series

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IEC 62561-1	2017	Lightning protection system components (LPSC)	EN 62561-1	2017
IEC/TS 62561-8	2018	Lightning protection system components (LPSC) - Part 8: Requirements for components for isolated LPS	-	-
ISO 3864-1	-	Graphical symbols - Safety colours and safety signs - Part 1: Design principles for safety signs and safety markings	-	-

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