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Protection against lightning - Part 2: Risk management

Blitzschutz - Teil 2: Risiko-Management

Protection contre la foudre - Partie 2: Evaluation des risques

Ta slovenski standard je istoveten z: EN IEC 62305-2:2024

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**Protection against lightning - Part 2: Risk management
(IEC 62305-2:2024)**

Protection contre la foudre - Partie 2: Évaluation des
risques
(IEC 62305-2:2024)

Blitzschutz - Teil 2: Risiko-Management
(IEC 62305-2:2024)

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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

EN IEC 62305-2:2024 (E)**European foreword**

The text of document 81/769/FDIS, future edition 3 of IEC 62305-2, prepared by TC 81 "Lightning protection" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62305-2:2024.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2025-10-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2027-10-31 document have to be withdrawn

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Endorsement notice

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In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60364-4-44	NOTE	Approved as HD 60364-4-444
IEC 61000-4-5:2014	NOTE	Approved as EN 61000-4-5:2014 (not modified)
IEC 60079-10-1	NOTE	Approved as EN IEC 60079-10-1
IEC 60079-10-2	NOTE	Approved as EN 60079-10-2
IEC 60664-1:2020	NOTE	Approved as EN IEC 60664-1:2020 (not modified)
IEC 61643-11:2011	NOTE	Approved as EN 61643-11:2012 +A11:2018

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.cencenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61643	series	Low-voltage surge protective devices -- Part 1: Surge protective devices connected to low-voltage power distribution systems - Requirements and tests	EN IEC 61643	series
IEC 62305-1	2024	Protection against lightning - Part 1: General principles	EN IEC 62305-1	2024
IEC 62305-3	2024	Protection against lightning - Part 3: Physical damage to structures and life hazard	EN IEC 62305-3	2024
IEC 62305-4	2024	Protection against lightning - Part 4: Electrical and electronic systems within structures	EN IEC 62305-4	2024
IEC 62793	-	Thunderstorm warning systems - Protection against lightning	EN IEC 62793	-
IEC 62858	-	Lightning density based on lightning location systems (LLS) - General principles	EN IEC 62858	-



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INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Protection against lightning –
Part 2: Risk management**

**Protection contre la foudre –
Partie 2: Évaluation des risques**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

PROTECTION AGAINST LIGHTNING –**Part 2: Risk management****FOREWORD**

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as “IEC Publication(s)”). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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IEC 62305-2 has been prepared by IEC technical committee 81: Lightning protection. It is an International Standard.

This third edition cancels and replaces the second edition, published in 2010. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) The concept of a single risk, to combine loss of human life and loss due to fire, has been introduced.
- b) The concept of frequency of damage that can impair the availability of the internal systems within the structure has been introduced.