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Lightning protection system components (LPSC) - Part 4: Requirements for conductor fasteners (IEC 62561-4:2023)

Blitzschutzsystembauteile (LPSC) - Teil 4: Anforderungen an Leitungshalter (IEC 62561-4:2023)

Composants de systèmes de protection contre la foudre (CSPF) - Partie 4: Exigences pour les fixations de conducteur (IEC 62561-4:2023)

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Blitzschutzsystembauteile (LPSC) - Teil 4: Anforderungen an Leitungshalter (IEC 62561-4:2023)

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Comité Européen de Normalisation Electrotechnique
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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 81/734/FDIS, future edition 3 of IEC 62561-4, prepared by IEC/TC 81 "Lightning protection" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62561-4:2023.

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)	2024-08-17
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2024-05-24

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The text of the International Standard IEC 62561-4:2023 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 62305-1	NOTE	Approved as EN 62305-1
IEC 62305-4	NOTE	Approved as EN 62305-4
IEC 62561-4:2017	NOTE	Approved as EN 62561-4:2017 (not modified)

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 60068-2-52	2017	Environmental testing - Part 2-52: Tests - Test Kb: Salt mist, cyclic (sodium chloride solution)	EN IEC 60068-2-52	2018
IEC 60068-2-75	2014	Environmental testing - Part 2-75: Tests - Test Eh: Hammer tests	EN 60068-2-75	2014
IEC 62305-3 (mod)	2010	Protection against lightning - Part 3: Physical damage to structures and life hazard	EN 62305-3	2011
IEC 62561-1	-	Lightning protection system components (LPSC) - Part 1: Requirements for connection components	EN IEC 62561-1	-
ISO 4892-2	-	Plastics - Methods of exposure to laboratory light sources - Part 2: Xenon-arc lamps	EN ISO 4892-2	-
ISO 4892-3	2016	Plastics - Methods of exposure to laboratory light sources - Part 3: Fluorescent UV lamps	EN ISO 4892-3	2016
ISO 4892-4	-	Plastics - Methods of exposure to laboratory light sources - Part 4: Open-flame carbon-arc lamps	-	-
ISO 6957	1988	Copper alloys; ammonia test for stress corrosion resistance	-	-
ISO 22479	2019	Corrosion of metals and alloys – Sulfur dioxide test in a humid atmosphere (fixed gas method)	EN ISO 22479	2022

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Lightning protection system components (LPSC) – Part 4: Requirements for conductor fasteners

Composants des systèmes de protection contre la foudre (CSPF) – Partie 4: Exigences pour les fixations de conducteurs

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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LIGHTNING PROTECTION SYSTEM COMPONENTS (LPSC) –

Part 4: Requirements for conductor fasteners

FOREWORD

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IEC 62561-4 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 2017. This edition constitutes a technical revision.

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

a) alignment with the latest edition of ISO IEC 60068-2-52:2017 relating to *s*alt mist atmosphere treatment;
b) alignment with the new edition of ISO 22479:2019 relating to humid sulphurous atmosphere treatment;
c) new normative annex for the applicability of previous tests.