

SLOVENSKI STANDARD SIST EN 62561-4:2011

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Nadomešča:

SIST EN 50164-4:2008

Zahteve za elemente sistema za zaščito pred strelo (LPSC) - 4. del: Zahteve za pritrdilne elemente (IEC 62561-4:2010, spremenjen)

Requirements for Lightning Protection System Components (LPSC) - Part 4: Requirements for fasteners

Blitzschutzsystembauteile (LPSC) - Teil 4) Anforderungen an Leitungshalter

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Composants de Système de Protection contre la Foudre (ĆSPF) - Partie 4: Exigences pour les fixations de conducteur SIST EN 62561-4:2011

https://standards.iteh.ai/catalog/standards/sist/9801e515-97f2-4a4e-b532-b00d26fedcec/sist-en-62561-4-2011

Ta slovenski standard je istoveten z: EN 62561-4:2011

ICS:

91.120.40 Zaščita pred strelo Lightning protection

SIST EN 62561-4:2011 en

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EUROPEAN STANDARD

EN 62561-4

NORME EUROPÉENNE EUROPÄISCHE NORM

March 2011

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Supersedes EN 50164-4:2008

English version

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

(IEC 62561-4:2010, modified)

Composants de système de protection contre la foudre (CSPF) - Partie 4: Exigences pour les fixations de conducteur (CEI 62561-4:2010, modifiée)

Blitzschutzsystembauteile (LPSC) -Teil 4: Anforderungen an Leitungshalter (IEC 62561-4:2010, modifiziert)

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This European Standard was approved by CENELEC on 2011-02-21. 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 Central Secretariat or to any CENELEC member. 5-9712-444c-b532-

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CENELEC

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

Management Centre: Avenue Marnix 17, B - 1000 Brussels

Foreword

The text of the International Standard IEC 62561-4:2010, prepared by IEC TC 81, Lightning protection, together with common modifications prepared by the Technical Committee CENELEC TC 81X, Lightning protection, was submitted to the formal vote and was approved by CENELEC as EN 62561-4 on 2011-02-21.

This European Standard supersedes EN 50164-4:2008.

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The following dates were fixed:

 latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement

(dop) 2012-02-21

 latest date by which the national standards conflicting with the EN have to be withdrawn

(dow) 2014-02-21

Endorsement notice

The text of the International Standard IEC 62561-4:2010 was approved by CENELEC as a European Standard with agreed common modifications as given below.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 62305-1:2006 NOTE Harmonized as en 62305-1:2006 (not modified).

SIST EN 62561-4:2011

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LOOMMON MODIFICATIONS

Through the complete document:

Replace all IEC 62305 references by EN 62305.

Replace all IEC 62561 references by EN 62561.

2 Normative references

Replace the first six references to IEC standards with the following:

EN 60068-2-52:1996, Environmental testing – Part 2: Tests – Test Kb: Salt mist, cyclic (sodium chloride solution) (IEC 60068-2-52:1996)

EN 62305-1, Protection against lightning – Part 1: General principles (IEC 62305-1)

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

EN 62305-4, Protection against lightning – Part 4: Electrical and electronic systems within the structure (IEC 62305-4)

EN ISO 4892-2:2006, Plastics – Methods of exposure to laboratory light sources – Part 2: Xenon-arc lamps (ISO 4892-2:2006)

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EN ISO 6988:1994, Metallic and other non-organic coatings – Sulfur dioxide test with general condensation of moisture (ISO 6988:1985)

Subclause 6.3.1

Delete at the end of the 1st paragraph the word "fastening" after "... for screwed...".

Subclause 6.3.2

Delete at the end of the 1st paragraph the word "fastening" after "... for screwed...".

Sublause 6.3.3

Delete at the end of the 1st paragraph the word "fastening" after "... for screwed...".

Replace the 3rd paragraph by the paragraph:

"The specimens are deemed to have passed this part of the test if the conductor or metal parts of the conductor fastener do not exhibit any corrosive deterioration and if its plastic parts show no sign of disintegration and no cracks visible to normal or corrected vision."

Subclause 8.1

Add in the 1st line of the clause after "...general requirements for type test reports issued by the ...".

Delete "...test reports." at the end of the sentence. ITeh STANDARD PREVIEW

Annex A

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Clause A.1

Replace "ISO 60068-2-52:1996" by "EN 60068-2-52:1996" 4:2011

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In the NOTE replace "ISO 60068-2-52:1996" by "EN 60068-2-52:1996".

Clause A.2

Replace "ISO 6988:1985" by "EN ISO 6988:1994".

In the NOTE replace "ISO 6988:1985" by "EN ISO 6988:1994".

Bibliography

Add the following reference:

"EN 60068-2-75:1997, Environmental testing - Part 2-75: Tests - Test Eh: Hammer tests (IEC 60068-2-75:1997)".

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	EN/HD	<u>Year</u>
IEC 60068-2-75	1997	Environmental testing - Part 2-75: Tests - Test Eh: Hammer tests	EN 60068-2-75	1997
ISO 4892-3	2006	Plastics - Methods of exposure to laboratory light sources - Part 3: Fluorescent UV lamps	EN ISO 4892-3	2006
ISO 4892-4	2004	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	-	-

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INTERNATIONAL STANDARD

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Lightning protection system components (LRSC) EVIEW Part 4: Requirements for conductor fasteners h.ai)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

LIGHTNING PROTECTION SYSTEM COMPONENTS (LPSC) -

Part 4: Requirements for conductor fasteners

FOREWORD

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International Standard IEC 62561-4 has been prepared by IEC technical committee 81: Lightning protection.

The text of this standard is based on the following documents:

FDIS	Report on voting
81/369/FDIS	81/379/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all the parts in the IEC 62561 series, under the general title *Lightning protection* system components (LPSC), can be found on the IEC website.

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The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "http://webstore.iec.ch" in the data related to the specific publication. At this date, the publication will be

- · reconfirmed,
- withdrawn,
- · replaced by a revised edition, or
- amended.4

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INTRODUCTION

This Part 4 of IEC 62561 deals with the requirements and tests for conductor fasteners as being a lightning protection system component (LPSC) designed and implemented according to the IEC 62305 series of standards.

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