

SLOVENSKI STANDARD

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Elementi za zaščito pred strelo (LPSC) - 2. del: Zahteve za vodnike in ozemljila

Lightning Protection System Components (LPSC) - Part 2: Requirements for conductors and earth electrodes

Blitzschutzsystembauteile (LPSC) - Teil 2: Anforderungen an Leiter und Erder

Composants des systèmes de protection contre la foudre (CSPF) - Partie 2: Exigences pour les conducteurs et les électrodes de terre

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91.120.40

Zaščita pred strelo

Lightning protection

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EUROPEAN STANDARD
NORME EUROPÉENNE
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English Version

**Lightning protection system components (LPSC) - Part 2:
Requirements for conductors and earth electrodes
(IEC 62561-2:2018)**

Composants des systèmes de protection contre la foudre
(CSPF) - Partie 2: Exigences pour les conducteurs et les
électrodes de terre
(IEC 62561-2:2018)

Blitzschutzsystembauteile (LPSC) - Teil 2: Anforderungen
an Leiter und Erder
(IEC 62561-2:2018)

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 62561-2:2018 (E)**European foreword**

The text of document 81/577/FDIS, future edition 2 of IEC 62561-2, prepared by IEC/TC 81 "Lightning protection" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62561-2:2018.

The following dates are fixed:

- latest date by which the document has to be (dop) 2018-12-01
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publication of an identical national
standard or by endorsement
- latest date by which the national (dow) 2021-03-01
standards conflicting with the
document have to be withdrawn

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

IEC 62305-1	NOTE	Harmonized as EN 62305-1.
ISO 1460	NOTE	Harmonized as EN ISO 1460.
ISO 1461	NOTE	Harmonized as EN ISO 1461.

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.

Publication	Year	Title	EN/HD	Year
IEC 60068-2-52	1996	Environmental testing - Part 2-52: Tests - Test Kb: Salt mist, cyclic (sodium chloride solution)	EN 60068-2-52	1996
IEC 62305-3	-	Protection against lightning - Part 3: Physical damage to structures and life hazard	EN 62305-3	-
IEC 62305-4	-	Protection against lightning - Part 4: Electrical and electronic systems within structures	EN 62305-4	-
IEC 62561-1 (mod)	2012	Lightning Protection System Components (LPSC) - Part 1: Requirements for connection components	EN 62561-1	2012
ISO 2178	-	Non-magnetic coatings on magnetic substrates - Measurement of coating thickness - Magnetic method	EN ISO 2178	-
ISO 6892-1	-	Metallic materials - Tensile testing - Part 1: Method of test at room temperature	EN ISO 6892-1	-
ISO 6957	1988	Copper alloys; ammonia test for stress corrosion resistance	-	-
ISO 6988	1985	Metallic and other non-organic coatings - Sulfur dioxide test with general condensation of moisture	EN ISO 6988	1994

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IEC 62561-2

Edition 2.0 2018-01

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Lightning protection system components (LPSC) –
Part 2: Requirements for conductors and earth electrodes**

**Composants des systèmes de protection contre la foudre (CSPF) –
Partie 2: Exigences pour les conducteurs et les électrodes de terre**

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CONTENTS

FOREWORD.....	4
INTRODUCTION.....	6
1 Scope.....	7
2 Normative references	7
3 Terms and definitions	7
4 Requirements	9
4.1 General.....	9
4.2 Documentation.....	9
4.3 Air-termination conductors, air-termination rods, earth lead-in rods and down-conductors.....	9
4.4 Earth electrodes.....	11
4.4.1 General	11
4.4.2 Earth rods.....	11
4.4.3 Couplers for earth rods	11
4.4.4 Earth conductors and earth plates	12
4.5 Marking.....	12
5 Tests	14
5.1 General conditions for tests	14
5.2 Conductors, air-termination rods, earth lead-in rods and earth electrodes (except earth rods).....	14
5.2.1 General	14
5.2.2 Test for thickness of coating	15
5.2.3 Bend and adhesion test for coated conductors	16
5.2.4 Environmental test for coated materials	16
5.2.5 Electrical resistivity test	16
5.2.6 Tensile test.....	17
5.3 Earth rods	17
5.3.1 General	17
5.3.2 Test for thickness of coating on earth rods	17
5.3.3 Adhesion test.....	17
5.3.4 Bend test.....	18
5.3.5 Environmental test for coated earth rods	19
5.3.6 Electrical resistivity test	19
5.3.7 Tensile strength test	19
5.3.8 Test for yield/tensile ratio	20
5.4 Couplers for earth rods	20
5.4.1 General	20
5.4.2 Compression test by mechanical means	20
5.4.3 Environmental test.....	22
5.4.4 Electrical test.....	22
5.4.5 Tensile strength test	22
5.5 Marking test.....	22
5.5.1 General conditions for tests	22
5.5.2 Acceptance criteria	22
6 Electromagnetic compatibility (EMC)	23
7 Structure and content of the test report.....	23
7.1 General.....	23

7.2	Report identification	23
7.3	Specimen description	23
7.4	Conductor	24
7.5	Standards and references	24
7.6	Test procedure	24
7.7	Testing equipment, description	24
7.8	Measuring instruments description	24
7.9	Results and parameters recorded	24
7.10	Statement of pass/fail	24
Annex A (normative)	Environmental test for conductors, air-termination rods and earth lead-in rods	25
A.1	General	25
A.2	Salt mist treatment	25
A.3	Humid sulphurous atmosphere treatment	25
A.4	Ammonia atmosphere treatment	25
Annex B (normative)	Electrical test	26
B.1	General	26
B.2	Acceptance criteria	26
Annex C (normative)	Requirements for conductors	27
Annex D (normative)	Requirements for earth electrodes	28
Annex E (normative)	Flow chart of tests for air-termination conductors, air-termination rods, earth lead-in rods, down-conductors, earth conductors and earth plates, see Figure E.1	29
Annex F (normative)	Flow chart of tests for earth rods	30
Annex G (normative)	Flow chart of tests of couplers for earth rods	31
Bibliography	32
Figure 1	– Coating measurements around the circumference of a round conductor	15
Figure 2	– Coating measurements of a plate conductor	15
Figure 3	– Typical test arrangement for adhesion test	18
Figure 4	– Definitions of upper yield strength R_{eH} and tensile strength R_m	20
Figure 5	– Typical test arrangement for the compression test by mechanical means	21
Figure E.1	– Flow chart of tests for air-termination conductors, air-termination rods, earth lead-in rods, down-conductors, earth conductors and earth plates	29
Figure F.1	– Flow chart of tests for earth rods	30
Figure G.1	– Flow chart of tests of couplers for earth rods	31
Table 1	– Material, configuration and cross-sectional area of air-termination conductors, air-termination rods, earth lead-in rods ⁹ and down-conductors	10
Table 2	– Mechanical and electrical characteristics of air-termination conductors, air-termination rods, earth lead-in rods, down-conductors and earth electrodes	11
Table 3	– Material, configuration and cross-sectional area of earth electrodes	13
Table B.1	– Lightning impulse current (I_{imp}) parameters	26
Table C.1	– Summary of requirements for various elements tested according to Table 1 and Table 2	27
Table D.1	– Summary of requirements for various elements tested according to Table 2 and Table 3	28

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LIGHTNING PROTECTION SYSTEM COMPONENTS (LPSC) –**Part 2: Requirements for conductors and earth electrodes****FOREWORD**

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International Standard IEC 62561-2 has been prepared by subcommittee 81: Lightning protection.

This second edition cancels and replaces the first edition published in 2012. This edition constitutes a technical revision.

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

- a) Tables 2 and 4 have been merged into one Table (Table 2).
- b) Figure 2 showing the coating measurement of a plate conductor has been added.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
81/577/FDIS	81/580/RVD

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

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

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

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

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INTRODUCTION

This part of IEC 62561 deals with the requirements and tests for lightning protection system components (LPSC), specifically conductors and earth electrodes, used for the installation of a lightning protection system (LPS) designed and implemented according to IEC 62305 (all parts).

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