

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

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ICS 29.020, 91.120.40

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EUROPEAN STANDARD

EN IEC 62561-2

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 62561-2:2012

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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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

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- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-03-01

This document supersedes EN 62561-2:2012.

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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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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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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