SLOVENSKI STANDARD
SIST EN IEC 62561-1:2023

01-julij-2023

Elementi za zaščito pred strelo (LPSC) - 1. del: Zahteve za spojne komponente (IEC 62561-1:2023)

Lightning protection system components (LPSC) - Part 1: Requirements for connection components (IEC 62561-1:2023)

Blitzschutzsystembauteile (LPSC) - Teil 1: Anforderungen an Verbindungsbauteile (IEC 62561-1:2023)

Composants des systèmes de protection contre la foudre (CSPF) - Parte 1: Exigences pour les composants de connexion (IEC 62561-1:2023)

Ta slovenski standard je istoveten z: **EN IEC 62561-1:2023**

ICS:

29.120.20	Spojni elementi	Connecting devices
91.120.40	Zaščita pred strelo	Lightning protection

SIST EN IEC 62561-1:2023 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 62561-1

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English Version

Lightning protection system components (LPSC) - Part 1: Requirements for connection components (IEC 62561-1:2023)

Composants des systèmes de protection contre la foudre (CSPF) - Partie 1: Exigences pour les composants de connexion (IEC 62561-1:2023)

Blitzschutzsystembauteile (LPSC) - Teil 1: Anforderungen an Verbindungsbauteile (IEC 62561-1:2023)

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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

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European foreword

The text of document 81/721/FDIS, future edition 3 of IEC 62561-1, prepared by IEC/TC 81 "Lightning protection" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62561-1:2023.

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) 2024-02-04
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2026-05-04

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Endorsement notice

The text of the International Standard IEC 62561-1:2023 was approved by CENELEC as a European Standard without any modification.

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

IEC 62305 (series) NOTE Approved as EN 62305 (series)

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 62561-2	-	Lightning protection system components (LPSC) - Part 2: Requirements for conductors and earth electrodes	EN IEC 62561-2	-
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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INTERNATIONAL STANDARD

NORME INTERNATIONALE

Lightning protection system components (LPSC) – Part 1: Requirements for connection components

Composants des systèmes de protection contre la foudre (CSPF) – Partie 1: Exigences pour les composants de connexion

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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LIGHTNING PROTECTION SYSTEM COMPONENTS (LPSC) –

Part 1: Requirements for connection components

FOREWORD

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IEC 62561-1has 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) definitions of connection types mentioned in the scope have been added;
b) location classification has been expanded in detail;
c) the document has been updated in line with the new edition of ISO 22479:2019 on humid sulphurous atmosphere treatment;
d) a new normative Annex E for reduced test procedures has been introduced.

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

Draft	Report on voting
81/721/FDIS	81/724/RVD

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

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 webstore.iec.ch in the data related to the specific document. At this date, the document will be

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

INTRODUCTION

This part of IEC 62561 deals with the requirements and tests for lightning protection system components (LPSC) used for the installation of a lightning protection system (LPS) designed and implemented according to the IEC 62305 series.