SLOVENSKI STANDARD
SIST EN IEC 62561-7:2018

01-maj-2018

Nadomešča:
SIST EN 62561-7:2012

Elementi za zaščito pred strelo (LPSC) - 7. del: Zahteve za spojine, ki izboljšajo ozemljitev

Lightning Protection System Components (LPSC) - Part 7: Requirements for earthing enhancing compounds

Blitzschutzsystembauteile (LPSC) - Teil 7: Anforderungen an Mittel zur Verbesserung der Erdung

iTeh STANDARD PREVIEW
(standards.iteh.ai)

Composants des systèmes de protection contre la foudre (CSPF) - Partie 7: Exigences pour les enrichisseurs de terre

Document Preview
https://standards.iteh.ai/catalog/standards/sist/6ed4ab5a-a7bf-490b-b5fb-cdc53c3be348/sist-en-iec-62561-7-2018

Ta slovenski standard je istoveten z: **EN IEC 62561-7:2018**

ICS:

91.120.40	Zaščita pred strelo	Lightning protection

SIST EN IEC 62561-7:2018 **en**

2003-01.Slovenski inštitut za standardizacijo. Razmnoževanje celote ali delov tega standarda ni dovoljeno.

SIST EN IEC 62561-7:2018

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN IEC 62561-7:2018
https://standards.iteh.ai/catalog/standards/sist/6ed4ab5a-a7bf-490b-b5fb-cdc53c3be348/sist-en-iec-62561-7-2018

SIST EN IEC 62561-7:2018

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 62561-7

March 2018

ICS 29.020; 91.120.40

Supersedes EN 62561-7:2012

English Version

Lightning protection system components (LPSC) - Part 7: Requirements for earthing enhancing compounds (IEC 62561-7:2018)

Composants des systèmes de protection contre la foudre (CSPF) - Partie 7: Exigences pour les enrichisseurs de terre (IEC 62561-7:2018)

Blitzschutzsystembauteile (LPSC) - Teil 7: Anforderungen an Mittel zur Verbesserung der Erdung (IEC 62561-7:2018)

This European Standard was approved by CENELEC on 2018-03-01. 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 CEN-CENELEC Management Centre or to any CENELEC member.

iTeh STANDARD PREVIEW
(standards.iteh.ai)

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

SIST EN IEC 62561-7:2018

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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

© 2018 CENELEC All rights of exploitation in any form and by any means reserved worldwide for CENELEC Members.

Ref. No. EN IEC 62561-7:2018 E

SIST EN IEC 62561-7:2018

European foreword

The text of document 81/576/FDIS, future edition 2 of IEC 62561-7, prepared by IEC/TC 81 "Lightning protection" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62561-7:2018.

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 62561-7:2012.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Endorsement notice

The text of the International Standard IEC 62561-7:2018 was approved by CENELEC as a European Standard without any modification.

iTeh STANDARD PREVIEW

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

(standards.iteh.ai)

IEC 62305 (series)	NOTE	Harmonized as EN 62305 (series).
IEC 62561-2	NOTE	Harmonized as EN 62561-2.

SIST EN IEC 62561-7:2018
https://standards.iteh.ai/catalog/standards/sist/6ed4ab5a-a7bf-490b-b5fb-cdc53c3be348/sist-en-iec-62561-7-2018

SIST EN IEC 62561-7:2018

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
ISO 4689-3	-	Iron ores -- Determination of sulfur content -- Part 3: Combustion/infrared method	-	-
ISO 14869-1	-	Soil quality_- Dissolution for the determination of total element content_- Part_1: Dissolution with hydrofluoric and perchloric acids	-	-
		Characterization of waste – Leaching – Compliance test for leaching of granular waste materials and sludges – Part 2: One stage batch test at a liquid to solid ratio of 10 l/kg for materials with particle size below 4 mm (without or with size reduction)	EN 12457-2	
		Characterization of waste – Analysis of eluates	EN 16192	
ASTM G102-89	-	Standard Practice for Calculation of Corrosion Rates and Related Information from Electrochemical Measurements	-	-
ASTM G57-06	-	Standard Test Method for Field Measurement of Soil Resistivity Using the Wenner Four-Electrode Method	-	-
ASTM G59-97	-	Standard Test Method for Conducting Potentiodynamic Polarization Resistance Measurements	-	-

iTeh STANDARD PREVIEW
(standards.iteh.ai)
SIST EN IEC 62561-7:2018
https://standards.iteh.ai/catalog/standards/sist/6ad4eb5a-a7bf-4991-b5f8-ede53c3be348/sist-en-iec-62561-7-2018

SIST EN IEC 62561-7:2018

iTeh STANDARD PREVIEW
(standards.iteh.ai)

SIST EN IEC 62561-7:2018
https://standards.iteh.ai/catalog/standards/sist/6ed4ab5a-a7bf-490b-b5fb-cdc53c3be348/sist-en-iec-62561-7-2018

SIST EN IEC 62561-7:2018

IEC 62561-7

Edition 2.0 2018-01

INTERNATIONAL STANDARD

NORME INTERNATIONALE

iTeh STANDARD PREVIEW
(standards.iteh.ai)

Lightning protection system components (LPSC) –
Part 7: Requirements for earthing enhancing compounds

Composants des systèmes de protection contre la foudre (CSPF) –
Partie 7: Exigences pour les enrichisseurs de terre

SIST EN IEC 62561-7:2018
https://standards.iteh.ai/catalog/standards/sist/9cd4a05a-a7bf-490b-b5fb-cdc53c3be348/sist-en-iec-62561-7-2018

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 29.020; 91.120.40 ISBN 978-2-8322-5249-9

Warning! Make sure that you obtained this publication from an authorized distributor.
Attention! Veuillez vous assurer que vous avez obtenu cette publication via un distributeur agréé.

® Registered trademark of the International Electrotechnical Commission
Marque déposée de la Commission Electrotechnique Internationale

SIST EN IEC 62561-7:2018

CONTENTS

iTeh STANDARD PREVIEW
(standards.iteh.ai)
SIST EN IEC 62561-7:2018
https://standards.iteh.ai/catalog/standards/sist/6ed4ab5a-a7bf-490b-b5fb-cdc53c3be348/sist-en-iec-62561-7-2018

SIST EN IEC 62561-7:2018

INTERNATIONAL ELECTROTECHNICAL COMMISSION

____

LIGHTNING PROTECTION SYSTEM COMPONENTS (LPSC) –

Part 7: Requirements for earthing enhancing compounds

FOREWORD

1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.

2) The formal decisions or agreements of IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested IEC National Committees.

3) IEC Publications have the form of recommendations for international use and are accepted by IEC National Committees in that sense. While all reasonable efforts are made to ensure that the technical content of IEC Publications is accurate, IEC cannot be held responsible for the way in which they are used or for any misinterpretation by any end user.

4) In order to promote international uniformity, IEC National Committees undertake to apply IEC Publications transparently to the maximum extent possible in their national and regional publications. Any divergence between any IEC Publication and the corresponding national or regional publication shall be clearly indicated in the latter.

5) IEC itself does not provide any attestation of conformity. Independent certification bodies provide conformity assessment services and, in some areas, access to IEC marks of conformity. IEC is not responsible for any services carried out by independent certification bodies.

6) All users should ensure that they have the latest edition of this publication.

7) No liability shall attach to IEC or its directors, employees, servants or agents including individual experts and members of its technical committees and IEC National Committees for any personal injury, property damage or other damage of any nature whatsoever, whether direct or indirect, or for costs (including legal fees) and expenses arising out of the publication, use of, or reliance upon, this IEC Publication or any other IEC Publications.

8) Attention is drawn to the Normative references cited in this publication. Use of the referenced publications is indispensable for the correct application of this publication.

9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

iTeh STANDARD PREVIEW
(standards.iteh.ai)
SIST EN IEC 62561-7:2018
https://standards.iteh.ai/catalog/standards/sist/6ed4ab5a-a7bf-400b-b5fb-eda53e3b6546/sist-en-iec-62561-7-2018

International Standard IEC 62561-7 has been prepared by IEC technical committee 81: Lightning protection.

This second edition cancels and replaces the first edition, published in 2011. This edition constitutes a technical revision.

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

a) information concerning the execution of the test for the determination of the resistivity in 5.4.3;

b) addition of Annex A for the assessment of the corrosion load.

SIST EN IEC 62561-7:2018

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

FDIS	Report on voting
81/576/FDIS	81/579/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

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

iTeh STANDARD PREVIEW
(standards.iteh.ai)
SIST EN IEC 62561-7:2018
https://standards.iteh.ai/catalog/standards/sist/6ed4ab5a-a7bf-490b-b5fb-cdc53c3be348/sist-en-iec-62561-7-2018

SIST EN IEC 62561-7:2018

INTRODUCTION

This part of IEC 62561 deals with the requirements and tests for earthing enhancing compounds as being a lightning protection system component (LPSC) designed and implemented according to IEC 62305 (all parts).

iTeh STANDARD PREVIEW
(standards.iteh.ai)
SIST EN IEC 62561-7:2018
https://standards.iteh.ai/catalog/standards/sist/6ed4ab5a-a7bf-490b-b5fb-cdc53c3be348/sist-en-iec-62561-7-2018