

BS EN 62561-6:2011



BSI Standards Publication

Lightning protection system components (LPSC)

Part 6: Requirements for lightning strike counters (LSC)

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National foreword

This British Standard is the UK implementation of EN 62561-6:2011. It was derived by CENELEC from IEC 62561-6:2011. It supersedes BS EN 50164-6:2009, which will be withdrawn on 28 July 2014.

The CENELEC common modifications have been implemented at the appropriate places in the text. The start and finish of each common modification is indicated in the text by **■** **■**.

The UK participation in its preparation was entrusted to Technical Committee GEL/81, Protection against lightning.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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Amendments/corrigenda issued since publication

Date	Text affected
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**Lightning protection system components (LPSC) -
Part 6: Requirements for lightning strike counters (LSC)**
(IEC 62561-6:2011, modified)

Composants de système de protection
contre la foudre (CSPF) -
Partie 6: Exigences pour les compteurs de
coups de foudre (LSC)
(CEI 62561-6:2011, modifiée)

Blitzschutzsystembauteile (LPSC) -
Teil 6: Anforderungen an Blitzzähler (LSC)
(IEC 62561-6:2011, modifiziert)

This European Standard was approved by CENELEC on 2011-07-28. 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.

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 Central Secretariat has the same status as the official versions.

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

CENELEC

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

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Foreword

The text of document 81/392/FDIS, future edition 1 of IEC 62561-6, prepared by IEC TC 81, Lightning protection, was submitted to the IEC-CENELEC parallel vote.

A draft amendment, prepared by the Technical Committee CENELEC TC 81X, Lightning protection, was submitted to the formal vote.

The combined texts were approved by CENELEC as EN 62561-6:2011 on 2011-07-28.

This European Standard supersedes EN 50164-6:2009.

The following dates were fixed:

- latest date by which the amendment has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2012-07-28
- latest date by which the national standards conflicting
with the amendment have to be withdrawn (dow) 2014-07-28

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62561-6:2011 was approved by CENELEC as a European Standard with agreed common modifications as given below.

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

IEC 60068-2-52:1996	NOTE Harmonized as EN 60068-2-52:1996 (not modified).
IEC 61000-6-2	NOTE Harmonized as EN 61000-6-2.

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>	<u>EN/HD</u>	<u>Year</u>
IEC 60060-1	-	High-voltage test techniques - Part 1: General definitions and test requirements	EN 60060-1	-
IEC 60068-2-52 + corr. July	1996 1996	Environmental testing - Part 2: Tests - Test Kb: Salt mist, cyclic (sodium chloride solution)	EN 60068-2-52	1996
IEC 60068-2-75	1997	Environmental testing - Part 2-75: Tests - Test Eh: Hammer tests	EN 60068-2-75	1997
IEC 60529	-	Degrees of protection provided by enclosures (IP Code)	EN 60529	-
IEC 61000-6-4	-	Electromagnetic compatibility (EMC) - Part 6-4: Generic standards - Emission standard for industrial environments	EN 61000-6-4	-
IEC 61180-1	-	High-voltage test techniques for low-voltage equipment - Part 1: Definitions, test and procedure requirements	EN 61180-1	-
IEC 62305	Series	Protection against lightning - Part 1: General principles	EN 62305	Series
ISO 4892-2	2006	Plastics - Methods of exposure to laboratory light sources - Part 2: Xenon-arc lamps	EN ISO 4892-2	2006
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	-	-
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 6 of **EN 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 **EN 62305** series of standards.