
Nadzemni vodi - Zahteve in preskusi za dušilnike vetrnih vibracij Stockbridge (IEC 61897:1998)

Overhead lines - Requirements and tests for Stockbridge type aeolian vibration dampers

Freileitungen - Anforderungen und Prüfungen für Schwingungsdämpfer Typ Stockbridge

Lignes aériennes - Exigences et essais applicables aux amortisseurs de vibrations éoliennes Stockbridge

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Ta slovenski standard je istoveten z: EN 61897:1998

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Descriptors: Overhead electrical line, electrical conductor, damping, vibration, requirement, design, quality assurance, classification, test, effectiveness, visual examination, protection against corrosion, non-destructive test, verification of dimension, mechanical test, fatigue test

English version

**Overhead lines - Requirements and tests for Stockbridge type
aeolian vibration dampers
(IEC 61897:1998)**

Lignes aériennes - Exigences et essais
applicables aux amortisseurs de
vibrations éoliennes Stockbridge
(CEI 61897:1998)

Freileitungen - Anforderungen und
Prüfungen für Schwingungsdämpfer
Typ Stockbridge
(IEC 61897:1998)

This European Standard was approved by CENELEC on 1998-10-01. 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 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.

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CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 11/140/FDIS, future edition 1 of IEC 61897, prepared by IEC TC 11, Overhead lines, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61897 on 1998-10-01.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 1999-07-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2001-07-01

Annexes designated "normative" are part of the body of the standard.
Annexes designated "informative" are given for information only.
In this standard, annexes A, C and ZA are normative and annex B is informative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61897:1998 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 60050(466)	1990	International electrotechnical vocabulary (IEV) - Chapter 466: Overhead lines	-	-
IEC 60888	1987	Zinc-coated steel wires for stranded conductors	-	-
IEC 61284	1997	Overhead lines - Requirements and tests for fittings	EN 61284	1997
ISO 1461	¹⁾	Hot dip galvanized coatings on fabricated ferrous products - Specifications	-	-
ISO 2859-1	1989	Sampling procedures for inspection by attributes Part 1: Sampling plans indexed by acceptable quality level (AQL) for lot-by-lot inspection	-	-
ISO 2859-2	1985	Part 2: Sampling plans indexed by limiting quality (LQ) for isolated lot inspection	-	-
ISO 3951	1989	Sampling procedures and charts for inspection by variables for percent non-conforming	-	-

1) To be published.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**OVERHEAD LINES –
REQUIREMENTS AND TESTS FOR
STOCKBRIDGE TYPE AEOLIAN VIBRATION DAMPERS****FOREWORD**

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the 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, the IEC publishes International Standards. 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. The 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 the 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 National Committees.
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- 5) The IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with one of its standards.
- 6) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 61897 has been prepared by IEC technical committee 11: Overhead lines.

The text of this standard is based on the following documents:

FDIS	Report on voting
11/140/FDIS	11/142/RVD

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

Annexes A and C form an integral part of this standard.

Annex B is for information only.

OVERHEAD LINES – REQUIREMENTS AND TESTS FOR STOCKBRIDGE TYPE AEOLIAN VIBRATION DAMPERS

1 Scope

This International Standard applies to Stockbridge type aeolian vibration dampers intended for single conductors or earth wires or conductor bundles where dampers are directly attached to each subconductor.

The purchaser may adopt part(s) of this standard when specifying requirements for other types of aeolian vibration dampers or for Stockbridge dampers used on conductors or cables different from those mentioned above (e.g. optical ground wires, all dielectric self-supporting optical cables).

In many cases, test procedures and test values are left to agreement between the purchaser and the supplier and are stated in the procurement contract.

Annex A lists the minimum technical details to be agreed between purchaser and supplier.

Throughout this standard, the word "conductor" is used when the test applies to Stockbridge dampers for conductors or earth wires.

2 Normative references

[SIST EN 61897:1999](https://standards.iteh.ai/catalog/standards/sist/af072838-b553-4bdd-8f64-1d164a671ed/sist-en-61897-1998)

<https://standards.iteh.ai/catalog/standards/sist/af072838-b553-4bdd-8f64-1d164a671ed/sist-en-61897-1998>

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. At the time of publication, the editions indicated were valid. All normative documents are subject to revision, and parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 60050(466):1990, *International Electrotechnical Vocabulary (IEV) – Chapter 466: Overhead lines*

IEC 61284:1997, *Overhead lines – Requirements and tests for fittings*

IEC 60888:1987, *Zinc-coated steel wires for stranded conductors*

ISO 1461, — *Hot dip galvanized coatings on fabricated ferrous products – Specifications* ¹⁾

ISO 2859-1:1989, *Sampling procedures for inspection by attributes – Part 1: Sampling plans indexed by acceptable quality level (AQL) for lot-by-lot inspection*

¹⁾ To be published.