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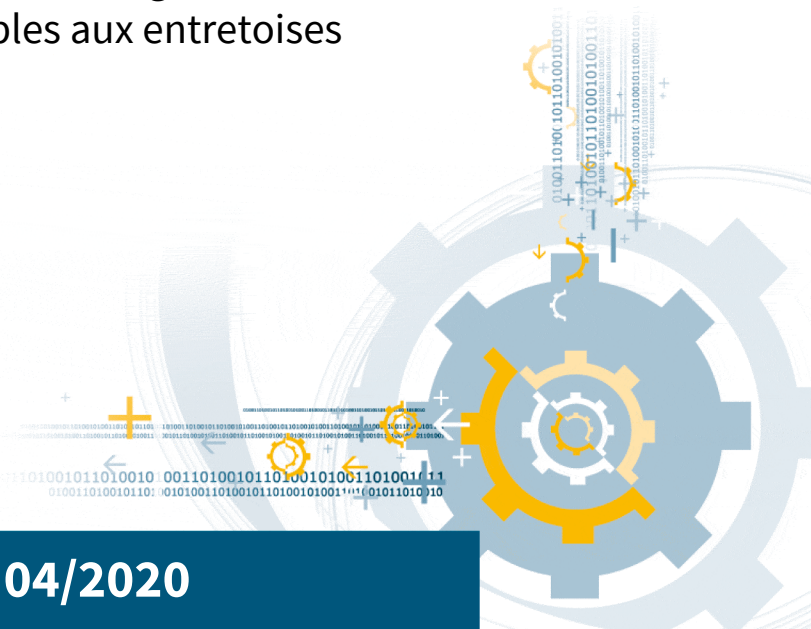
**ILNAS-EN IEC 61854:2020**

## **Overhead lines - Requirements and tests for spacers**

Freileitungen - Anforderungen und  
Prüfungen für Feldabstandhalter

Lignes aériennes - Exigences et essais  
applicables aux entretoises

**04/2020**



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ILNAS-EN IEC 61854:2020

EUROPEAN STANDARD **EN IEC 61854**

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Supersedes EN 61854:1998 and all of its amendments  
and corrigenda (if any)

English Version

**Overhead lines - Requirements and tests for spacers  
(IEC 61854:2020)**

Lignes aériennes - Exigences et essais applicables aux  
entretoises  
(IEC 61854:2020)

Freileitungen - Anforderungen und Prüfungen für  
Feldabstandhalter  
(IEC 61854:2020)

This European Standard was approved by CENELEC on 2020-03-24. 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.

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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 11/265/FDIS, future edition 2 of IEC 61854, prepared by IEC/TC 11 "Overhead lines" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61854:2020.

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) 2020-12-24
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2023-03-24

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The text of the International Standard IEC 61854:2020 was approved by CENELEC as a European Standard without any modification.

## 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](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050-466	1990	International Electrotechnical Vocabulary. 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 34-1	2015	Rubber, vulcanized or thermoplastic - Determination of tear strength - Part 1: Trouser, angle and crescent test pieces	-	-
ISO 34-2	2015	Rubber, vulcanized or thermoplastic - Determination of tear strength - Part 2: Small (Delft) test pieces	-	-
ISO 37	2017	Rubber, vulcanized or thermoplastic - Determination of tensile stress-strain properties	-	-
ISO 188	2011	Rubber, vulcanized or thermoplastic - Accelerated ageing and heat resistance tests	-	-
ISO 812	2017	Rubber, vulcanized or thermoplastic - Determination of low-temperature brittleness	-	-
ISO 815-1	2014	Rubber, vulcanized or thermoplastic - Determination of compression set - Part 1: At ambient or elevated temperatures	-	-
ISO 815-2	2014	Rubber, vulcanized or thermoplastic - Determination of compression set - Part 2: At low temperatures	-	-
ISO 868	2003	Plastics and ebonite - Determination of indentation hardness by means of a durometer (Shore hardness)	EN ISO 868	2003

ISO 1183-1	2019	Plastics - Methods for determining the density of non-cellular plastics - Part 1: Immersion method, liquid pycnometer method and titration method	EN ISO 1183-1	2019
ISO 1431-1	2012	Rubber, vulcanized or thermoplastic - Resistance to ozone cracking - Part 1: Static and dynamic strain testing	-	-
ISO 1461	2009	Hot dip galvanized coatings on fabricated iron and steel articles - Specifications and test methods	EN ISO 1461	2009
ISO 1817	2015	Rubber, vulcanized or thermoplastic - Determination of the effect of liquids	-	-
ISO 2781	2018	Rubber, vulcanized or thermoplastic - Determination of density	-	-
ISO 2859-1	1999	Sampling procedures for inspection by attributes - Part 1: Sampling schemes indexed by acceptable quality limit (AQL) for lot-by-lot inspection	-	-
+ A1	2011		-	-
ISO 2859-2	1985	Sampling procedures for inspection by attributes - Part 2: Sampling plans indexed by limiting quality (LQ) for isolated lot inspection	-	-
ISO 2921	2011	Rubber, vulcanized - Determination of low-temperature retraction (TR test)	-	-
ISO 3951-1	2013	Sampling procedures for inspection by variables - Part 1: Specification for single sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection for a single quality characteristic and a single AQL	-	-
ISO 3951-2	2013	Sampling procedures for inspection by variables - Part 2: General specification for single sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection of independent quality characteristics	-	-
ISO 4649	2017	Rubber, vulcanized or thermoplastic - Determination of abrasion resistance using a rotating cylindrical drum device	-	-
ISO 4662	2017	Rubber, vulcanized or thermoplastic - Determination of rebound resilience	-	-
ISO 6502-2	2018	Rubber - Measurement of vulcanization characteristics using curemeters - Part 2: Oscillating disc curemeter	-	-
ISO 9001	2015	Quality management systems - Requirements	EN ISO 9001	2015



# INTERNATIONAL STANDARD

# NORME INTERNATIONALE



**Overhead lines – Requirements and tests for spacers**

**Lignes aériennes – Exigences et essais applicables aux entretoises**

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