



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN IEC 60317-93:2023

Specifications for particular types of winding wires - Part 93: Polyester or polyesterimide overcoated with polyamide-imide enamelled

Technische Lieferbedingungen für
bestimmte Typen von Wickeldrähten -
Teil 93: Flachdrähte aus Kupfer,
lackisoliert mit Polyester oder

Spécifications pour types particuliers de
fils de bobinage - Partie 93: Fil de section
rectangulaire en cuivre émaillé au
polyamide-imide, avec émail sous-jacent

09/2023



National Foreword

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ILNAS-EN IEC 60317-93:2023

EUROPEAN STANDARD **EN IEC 60317-93**

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2023

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English Version

**Specifications for particular types of winding wires - Part 93:
Polyester or polyesterimide overcoated with polyamide-imide
enamelled rectangular copper wire, class 220
(IEC 60317-93:2023)**

Spécifications pour types particuliers de fils de bobinage -
Partie 93: Fil de section rectangulaire en cuivre émaillé au
polyamide-imide, avec émail sous-jacent en polyester ou
polyestérimide, classe 220
(IEC 60317-93:2023)

Technische Lieferbedingungen für bestimmte Typen von
Wickeldrähten - Teil 84: Flachdrähte aus Kupfer, lackisoliert
mit Polyester oder Polyesterimid und darüber mit
Polyamidimid, Klasse 220
(IEC 60317-93:2023)

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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

European foreword

The text of document 55/1940/CDV, future edition 1 of IEC 60317-93, prepared by IEC/TC 55 "Winding wires" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60317-93:2023.

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) 2024-06-04
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2026-09-04

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The text of the International Standard IEC 60317-93:2023 was approved by CENELEC as a European Standard without any modification.

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

IEC 60264 (series)	NOTE	Approved as EN 60264 (series)
IEC 60317 (series)	NOTE	Approved as EN 60317 (series)
IEC 60851 (series)	NOTE	Approved as EN 60851 (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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Specifications for particular types of winding wires –
Part 93: Polyester or polyesterimide overcoated with polyamide-imide enamelled
rectangular copper wire, class 220**

**Spécifications pour types particuliers de fils de bobinage –
Partie 93: Fil de section rectangulaire en cuivre émaillé au polyamide-imide, avec
émail sous-jacent en polyester ou polyestérimide, classe 220**

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