# **Specifications for particular types of winding wires –** Part 84: Polyesterimide enamelled round copper wire, class 200

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD



| | |
|---|---|
| See Eesti standard EVS-EN IEC 60317-84:2021 sisaldab Euroopa standardi EN IEC 60317-84:2021 ingliskeelset teksti. | This Estonian standard EVS-EN IEC 60317-84:2021 consists of the English text of the European standard EN IEC 60317-84:2021. |
| Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas. | This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation. |
| Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 17.09.2021. | Date of Availability of the European standard is 17.09.2021. |
| Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest. | The standard is available from the Estonian Centre for Standardisation and Accreditation. |

Tagasisidet standardi sisu kohta on võimalik edastada, kasutades EVS-i veebilehel asuvat tagasiside vormi või saates e-kirja meiliaadressile standardiosakond@evs.ee.

ICS 29.060.10

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

# EN IEC 60317-84

September 2021

ICS 29.060.10



English Version

# Specifications for particular types of winding wires - Part 84: Polyesterimide enamelled round copper wire, class 200 (IEC 60317-84:2021)

Spécifications pour types particuliers de fils de bobinage - Partie 84: Fil de section circulaire en cuivre émaillé avec polyesterimide, classe 200 (IEC 60317-84:2021)

Technische Lieferbedingungen für bestimmte Typen von Wickeldrähten - Teil 84: Runddrähte aus Kupfer, lackisoliert mit Polyesterimid, Klasse 200 (IEC 60317-84:2021)

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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**



Ref. No. EN IEC 60317-84:2021 E

# European foreword

The text of document 55/1892/CDV, future edition 1 of IEC 60317-84, prepared by IEC/TC 55 “Winding wires” was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60317-84:2021.

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) 2022–05–24
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024–08–24

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## Endorsement notice

The text of the International Standard IEC 60317-84:2021 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 standards indicated:

IEC 60264 (series) NOTE Harmonized as EN 60264 (series)

IEC 60317 (series) NOTE Harmonized as EN 60317 (series)

IEC 60851 (series) NOTE Harmonized 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.cenelec.eu.

| Publication | Year | Title | EN/HD | Year |
|---|---|---|---|---|
| IEC 60317-0-1 | 2013 | Specifications for particular types of winding wires - Part 0–1: General requirements - Enamelled round copper wire | EN 60317-0-1 | 2014 |
| + A1 | 2019 | | + A1 | 2019 |
| IEC 60851-4 | 2016 | Winding wires - Test methods - Part 4: Chemical properties | EN 60851-4 | 2016 |

# IEC 60317-84

Edition 1.0 2021-07

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE



## Specifications for particular types of winding wires – Part 84: Polyesterimide enamelled round copper wire, class 200

**Spécifications pour types particuliers de fils de bobinage – Partie 84: Fil de section circulaire en cuivre émaillé avec polyestérimide, classe 200**

IEC 60317-84:2021-07(en-fr)

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IEC 60317-84

Edition 1.0 2021-07

# INTERNATIONAL STANDARD

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## Specifications for particular types of winding wires – Part 84: Polyesterimide enamelled round copper wire, class 200

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

ICS 29.060.10

ISBN 978-2-8322-1005-4

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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# SPECIFICATIONS FOR PARTICULAR TYPES OF WINDING WIRES –

## Part 84: Polyesterimide enamelled round copper wire, class 200



## FOREWORD

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IEC 60317-84 has been prepared by IEC technical committee 55: Winding wires. It is an International Standard.

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

| Draft | Report on voting |
|---|---|
| 55/1892/CDV | 55/1910/RVC |

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

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/standardsdev/publications.

A list of all parts in the IEC 60317 series, published under the general title *Specifications for particular types of winding wires*, can be found on the IEC website.

The numbering of clauses in this standard is not continuous from Clauses 21 through 30 in order to reserve space for possible future wire requirements prior to those for wire packaging.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under 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.

# INTRODUCTION

This part of IEC 60317 forms an element of a series of standards which deals with insulated wires used for windings in electrical equipment. It is composed of the following series:

1) *Winding wires – Test methods* (IEC 60851 series);
2) *Specifications for particular types of winding wires* (IEC 60317 series);
3) *Packaging of winding wires* (IEC 60264 series).