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STN	**Špecifikácie jednotlivých typov vodičov na vinutia Časť 0-3: Všeobecné požiadavky Lakovaný hliníkový vodič kruhového prierezu**	**STN EN IEC 60317-0-3 34 7307**

Specifications for particular types of winding wires - Part 0-3: General requirements - Enamelled round aluminium wire

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 12/24

Obsahuje: EN IEC 60317-0-3:2024, IEC 60317-0-3:2024

Oznámením tejto normy sa od 31.10.2027 ruší
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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 60317-0-3

October 2024

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Supersedes EN 60317-0-3:2008;
EN 60317-0-3:2008/A1:2013;
EN 60317-0-3:2008/A2:2019

English Version

Specifications for particular types of winding wires - Part 0-3: General requirements - Enamelled round aluminium wire (IEC 60317-0-3:2024)

Spécifications pour types particuliers de fils de bobinage - Partie 0-3: Exigences générales - Fil de section circulaire en aluminium émaillé (IEC 60317-0-3:2024)

Technische Lieferbedingungen für bestimmte Typen von Wickeldrähten - Teil 0-3: Allgemeine Anforderungen - Lackisolierte Runddrähte aus Aluminium (IEC 60317-0-3:2024)

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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 60317-3:2024 E

European foreword

The text of document 55/2049/FDIS, future edition 4 of IEC 60317-0-3, prepared by TC 55 "Winding wires" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60317-0-3:2024.

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) 2025-10-31
•	latest date by which the national standards conflicting with the document have to be withdrawn	(dow) 2027-10-31

This document supersedes EN 60317-0-3:2008 and all of its amendments and corrigenda (if any).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of the International Standard IEC 60317-0-3:2024 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

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

Publication	Year	Title	EN/HD	Year
IEC 60172	-	Test procedure for the determination of the temperature index of enamelled and tape wrapped winding wires	EN IEC 60172	-
IEC 60317	series	Specifications for particular types of winding wires	EN 60317	series
IEC 60851	series	Winding wires - Test methods	EN IEC 60851	series
ISO 3	-	Preferred numbers - Series of preferred numbers	-	-
ASTM B233-97	-	Standard Specification for Aluminum 1350 Drawing Stock for Electrical Purposes	-	-
		Aluminium and aluminium alloys - Drawing stock - Part 2: Specific requirements for electrical applications	EN 1715-2	-

IEC 60317-0-3

Edition 4.0 2024-09

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Specifications for particular types of winding wires – Part 0-3: General requirements – Enamelled round aluminium wire

Spécifications pour types particuliers de fils de bobinage – Partie 0-3: Exigences générales – Fil de section circulaire en aluminium émaillé

IEC 60317-0-3:2024-09(en-fr)

IEC 60317-0-3

Edition 4.0 2024-09

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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SPECIFICATIONS FOR PARTICULAR TYPES OF WINDING WIRES –

Part 0-3: General requirements – Enamelled round aluminium wire

FOREWORD

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IEC 60317-0-3 has been prepared by IEC technical committee 55: Winding wires. It is an International Standard.

This fourth edition cancels and replaces the third edition published in 2008, Amendment 1:2013 and Amendment 2:2019. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

a) Revision to Clause 7, designating the test as inappropriate;
b) Revision to Clause 10, designating the test as inappropriate.

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

Draft	Report on voting
55/2049/FDIS	55/2054/RVD

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/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 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, or
- revised.

INTRODUCTION

The International Electrotechnical Commission (IEC) draws attention to the fact that it is claimed that compliance with this document may involve the use of a patent. IEC takes no position concerning the evidence, validity, and scope of this patent right.

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This part of IEC 60317 is one of a series that deals with insulated wires used for windings in electrical equipment. The series has three groups describing

1) winding wires and test methods (IEC 60851);
2) specifications for particular types of winding wires (IEC 60317);
3) packaging of winding wires (IEC 60264).

SPECIFICATIONS FOR PARTICULAR TYPES OF WINDING WIRES –

Part 0-3: General requirements – Enamelled round aluminium wire

1 Scope

This part of IEC 60317 specifies the general requirements of enamelled round aluminium winding wires with or without a bonding layer.

The range of nominal conductor diameters is given in the relevant specification sheet.

2 Normative references

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.

IEC 60172, *Test procedure for the determination of the temperature index of enamelled and tape wrapped winding wires*

IEC 60317 (all parts), *Specifications for particular types of winding wires*

IEC 60851 (all parts), *Winding wires – Test methods*

ISO 3, *Preferred numbers – Series of preferred numbers*

ASTM B233-97, *Standard Specification for Aluminum 1350 Drawing Stock for Electrical Purposes*

EN 1715-2, *Aluminium and aluminium alloys – Drawing stock – Part 2: Specific requirements for electrical applications*