



**SLOVENSKI STANDARD**  
**SIST EN 60317-46:2014**

**01-april-2014**

**Nadomešča:**  
**SIST EN 60317-46:2001**

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**Specifikacije za posebne vrste navijalnih žic - 46. del: Okrogla bakrena žica, prevlečena z aromatskim poliimidom, razred 240 (IEC 60317-46:2013)**

Specifications for particular types of winding wires - Part 46: Aromatic polyimide enamelled round copper wire, class 240

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Spécifications pour types particuliers de fils de bobinage - Partie 46: Fil de section circulaire en cuivre émaillé avec polyimide aromatique, classe 240

**Ta slovenski standard je istoveten z: EN 60317-46:2014**

**ICS:**

29.060.10	Žice	Wires
77.150.30	Bakreni izdelki	Copper products

**SIST EN 60317-46:2014** en



EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

**EN 60317-46**

February 2014

ICS 29.060.10

Supersedes EN 60317-46:1997

English version

**Specifications for particular types of winding wires -  
Part 46: Aromatic polyimide enamelled round copper wire, class 240  
(IEC 60317-46:2013)**

Spécifications pour types particuliers de  
fils de bobinage -  
Partie 46: Fil de section circulaire en  
cuivre émaillé avec polyimide aromatique,  
classe 240  
(CEI 60317-46:2013)

Technische Lieferbedingungen für  
bestimmte Typen von Wickeldrähten -  
Teil 46: Runddrähte aus Kupfer,  
lackisoliert mit aromatischen Polyimiden,  
Klasse 240  
(IEC 60317-46:2013)

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This European Standard was approved by CENELEC on 2013-11-18. 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. [-46:2014](https://standards.iteh.ai/catalog/standards/sist/c406d3f6-6e2d-460e-9c38-f30dcef72f83/sist-46:2014)

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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.

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 CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

**CENELEC**

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

**CEN-CENELEC Management Centre: Avenue Marnix 17, B - 1000 Brussels**

## Foreword

The text of document 55/1420/FDIS, future edition 2 of IEC 60317-46, prepared by IEC/TC 55 "Winding wires" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60317-46:2014.

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) 2014-08-18
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2016-11-18

This document supersedes EN 60317-46:1997.

EN 60317-46:2014 includes the following significant technical changes with respect to EN 60317-46:1997:

- deletion of the "in some countries" statement in the scope;
- new subclause containing general notes on winding wire, formerly a part of the scope;
- new subclause containing requirements for appearance;
- revision to the notes in Clause 19, Dielectric dissipation factor;
- new Clause 23, Pin-hole test.

This standard is to be read in conjunction with EN 60317-0-1:2014.

The numbering of clauses in this standard is not continuous from Clauses 20 and 30 in order to reserve space for possible future wire requirements prior to those for wire packaging.

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

## Endorsement notice

The text of the International Standard IEC 60317-46:2013 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 (not modified).
IEC 60317 Series	NOTE	Harmonized as EN 60317 Series (not modified).
IEC 60851 Series	NOTE	Harmonized as EN 60851 Series (not modified).

**Annex ZA**  
(normative)**Normative references to international publications  
with their corresponding European publications**

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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 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

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IEC 60317-46

Edition 2.0 2013-10

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Specifications for particular types of winding wires –  
Part 46: Aromatic polyimide enamelled round copper wire, class 240**

**Spécifications pour types particuliers de fils de bobinage –  
Partie 46: Fil de section circulaire en cuivre émaillé avec polyimide aromatique,  
classe 240**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**SPECIFICATIONS FOR PARTICULAR TYPES OF WINDING WIRES –****Part 46: Aromatic polyimide enamelled round copper wire, class 240**

## FOREWORD

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- 9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 60317-46 has been prepared by IEC technical committee 55: Winding wires.

This second edition cancels and replaces the first edition published in 1997. This edition constitutes a technical revision.

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

- deletion of the "in some countries" statement in the scope;
- new subclause containing general notes on winding wire, formerly a part of the scope;
- new subclause containing requirements for appearance;
- revision to the notes in Clause 19, Dielectric dissipation factor;
- new Clause 23, Pin-hole test.

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

FDIS	Report on voting
55/1420/FDIS	55/1441/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.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

This International standard is to be read in conjunction with the IEC 60317-0-1:2013.

The numbering of clauses in this standard is not continuous from Clauses 20 and 30 in order to reserve space for possible future wire requirements prior to those for wire packaging.

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 publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

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