

**SLOVENSKI
STANDARD**

**SIST EN 60317-0-
2:2001/A2:2005**

julij 2005

Specifikacije za posebne tipe navitij – 0-2. del: Splošne zahteve – Emajliran bakren vodnik s pravokotnim prerezom

Specifications for particular types of winding wires – Part 0-2: General requirements – Enamelled rectangular copper wire

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[SIST EN 60317-0-2:2001/A2:2005](https://standards.iteh.ai/catalog/standards/sist/9cc1bc25-2263-461b-bd35-9a96083488fa/sist-en-60317-0-2-2001-a2-2005)

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ICS 29.060.10

Referenčna številka
SIST EN 60317-0-2:2001/A2:2005(en)

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EUROPEAN STANDARD

EN 60317-0-2/A2

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2005

ICS 29.060.10

English version

**Specifications for particular types of winding wires
Part 0-2: General requirements –
Enamelled rectangular copper wire
(IEC 60317-0-2:1997/A2:2005)**

Spécifications pour types particuliers
de fils de bobinage
Partie 0-2: Prescriptions générales –
Fil de section rectangulaire
en cuivre émaillé
(CEI 60317-0-2:1997/A2:2005)

Technische Lieferbedingungen für
bestimmte Typen von Wickeldrähten
Teil 0-2: Allgemeine Anforderungen -
Flachdrähte aus Kupfer, lackisoliert
(IEC 60317-0-2:1997/A2:2005)

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This amendment A2 modifies the European Standard EN 60317-0-2:1998; it was approved by CENELEC on 2005-03-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 Central Secretariat or to any CENELEC member.

This amendment 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 Central Secretariat has the same status as the official versions.

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

CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 55/922/FDIS, future amendment 2 to IEC 60317-0-2:1997, prepared by IEC TC 55, Winding wires, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A2 to EN 60317-0-2:1998 on 2005-03-01.

The following dates were fixed:

- latest date by which the amendment has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2005-12-01
- latest date by which the national standards conflicting
with the amendment have to be withdrawn (dow) 2008-03-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of amendment 2:2005 to the International Standard IEC 60317-0-2:1997 was approved by CENELEC as an amendment to the European Standard without any modification.

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 Where 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 60172	- 1)	Test procedure for the determination of the temperature index of enamelled winding wires	EN 60172	1994 ²⁾
IEC 60317-16	- 1)	Specifications for particular types of winding wires Part 16: Polyester enamelled rectangular copper wire, class 155	EN 60317-16	1994 ²⁾
IEC 60317-17	- 1)	Part 17: Polyvinyl acetal enamelled rectangular copper wire, class 105	EN 60317-17	1994 ²⁾
IEC 60317-18	- 1)	Part 18 : Polyvinyl acetal enamelled rectangular copper wire, class 120	EN 60317-18	2004 ²⁾
IEC 60317-28	- 1)	Part 28: Polyesterimide enamelled rectangular copper wire, class 180	EN 60317-28	1996 ²⁾
IEC 60317-29	- 1)	Part 29: Polyester or polyesterimide overcoated with polyamide-imide enamelled rectangular copper wire, class 200	EN 60317-29	1996 ²⁾
IEC 60317-30	- 1)	Part 30: Polyimide enamelled rectangular copper wire, class 220	EN 60317-30	1996 ²⁾
IEC 60851	Series	Winding wires - Test methods	EN 60851	Series
ISO 3	- 1)	Preferred numbers - Series of preferred numbers	-	-

1) Undated reference.

2) Valid edition at date of issue.

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SIST EN 60317-0-2:2001/A2:2005

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC

60317-0-2

1997

AMENDEMENT 2
AMENDMENT 2
2005-01

Amendement 2

**Spécifications pour types particuliers
de fils de bobinage –**

**Partie 0-2:
Prescriptions générales –
Fil de section rectangulaire en cuivre émaillé**

[SIST EN 60317-0-2:2001/A2:2005](https://standards.itec.ai/catalog/standards/sist/9cc1bc25-2263-461b-bd35-9a96083488fa/sist-en-60317-0-2-2001-a2-2005)

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Amendment 2

**Specifications for particular types
of winding wires –**

**Part 0-2:
General requirements –
Enamelled rectangular copper wire**

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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE

D

*Pour prix, voir catalogue en vigueur
For price, see current catalogue*

FOREWORD

This amendment has been prepared by IEC technical committee 55: Winding wires.

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

FDIS	Report on voting
55/922/FDIS	55/936/RVD

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

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the maintenance result 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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[SIST EN 60317-0-2:2001/A2:2005](https://standards.iteh.ai/catalog/standards/sist/9cc1bc25-2263-461b-bd35-9a96083488fa/sist-en-60317-0-2-2001-a2-2005)

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INTRODUCTION

Replace the existing introduction as follows:

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).

Page 9

2 Normative references

Replace the introductory text of the normative references as follows:

The following referenced documents are indispensable for the application 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.

Delete the publication dates of all quoted IEC and ISO references.

Replace the normative reference IEC 60851 as follows:

IEC 60851 (all parts), *Methods of test for winding wires*

Page 11

Replace the title of Clause 3 with the following:

3 Definitions, general notes on tests and appearance

3.1 Definitions

Add the following new definition:

normal vision

20/20 vision, with corrective lenses, if necessary

Page 13

Add, after subclause 3.2, the following new subclause.

3.3 Appearance

The film coating shall be essentially smooth and continuous, free from streaks, blisters and foreign material when examined with normal vision, as wound on the original spool or reel.

Page 19

Table 3 – Corner radii

Replace, in Table 3, second column, fourth line, the number ,55 by 3,55.

Page 23

10 Cut-through

Replace the existing text of this clause as follows:

Test under consideration.

Page 25

20 Resistance to transformer oil

Replace the existing text of this clause as follows:

For requirements, see the relevant specification sheet.