SLOVENSKI STANDARD

SIST EN 60317-0-6:2002

01-april-2002

Specifications for particular types of winding wires – Part 0–6: General requirements – Glass–fibre wound resin or varnish impregnated, bare or enamelled round copper wire

Specifications for particular types of winding wires -- Part 0-6: General requirements - Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire

Technische Lieferbedingungen für bestimmte Typen von Wickeldrähten -- Teil 0-6: Allgemeine Anforderungen - Runddrähte aus Kupfer, blank oder lackisoliert, mit Glasgewebe umsponnen und mit Harz oder Lack imprägniert

Spécifications pour types particuliers de fils de bobinage -- Partie 0-6: Prescriptions générales - Fil de section circulaire en cuivre nu ou émaillé, guipé de fibres de verre imprégnées de résine ou de vernis

Ta slovenski standard je istoveten z: **EN 60317-0-6:2001**

ICS:

29.060.10 Žice Wires

SIST EN 60317-0-6:2002 **en**

EUROPEAN STANDARD **EN 60317-0-6**

NORME EUROPÉENNE

EUROPÄISCHE NORM July 2001

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English version

Specifications for particular types of winding wires Part 0-6: General requirements – Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire

(IEC 60317-0-6:2001)

Spécifications pour types particuliers de fils de bobinage
Partie 0-6: Prescriptions générales – Fil de section circulaire en cuivre nu ou émaillé, guipé de fibres de verre imprégnées de résine ou de vernis
(CEI 60317-0-6:2001)

Technische Lieferbedingungen für bestimmte Typen von Wickeldrähten
Teil 0-6: Allgemeine Anforderungen – Runddrähte aus Kupfer, blank oder lackisoliert, mit Glasgewebe umsponnen und mit Harz oder Lack imprägniert
(IEC 60317-0-6:2001)

This European Standard was approved by CENELEC on 2001-06-01. 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.

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 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, 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

Ref. No. EN 60317-0-6:2001 E

Foreword

The text of document 55/744/FDIS, future edition 1 of IEC 60317-0-6, prepared by IEC TC 55, Winding wires, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60317-0-6 on 2001-06-01.

The following dates were fixed:

– latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2002-03-01
– latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2004-06-01

Annexes designated "normative" are part of the body of the standard.
In this standard, annex ZA is normative.
Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60317-0-6:2001 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 60317-0-1:1997	NOTE: Harmonized as EN 60317-0-1:1998 (not modified).
IEC 60317-48:1999	NOTE: Harmonized as EN 60317-48:2000 (not modified).
IEC 60317-49:1999	NOTE: Harmonized as EN 60317-49:2000 (not modified).
IEC 60317-50:1999	NOTE: Harmonized as EN 60317-50:2000 (not modified).

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

Publication	Year	Title	EN/HD	Year
IEC 60851-5	1996	Winding wires - Test methods Part 5: Electrical properties	EN 60851-5	1996
A1	1997		A1	1997
IEC 60851-6	1996	Part 6: Thermal properties	EN 60851-6	1996
A1	1997		A1	1997
ISO 3	1973	Preferred numbers - Series of preferred numbers	-	-

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Spécifications pour types particuliers de fils de bobinage –

Partie 0-6: Prescriptions générales – Fil de section circulaire en cuivre nu ou émaillé, guipé de fibres de verre imprégnées de résine ou de vernis

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FOREWORD

1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.

2) The formal decisions or agreements of the IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested National Committees.

3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical specifications, technical reports or guides and they are accepted by the National Committees in that sense.

4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.

5) The IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with one of its standards.

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

International Standard IEC 60317-0-6 has been prepared by IEC technical committee 55: Winding wires.

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

FDIS	Report on voting
55/744/FDIS	55/748/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 3.

Annexes A, B and C are for information only.

The committee has decided that the contents of this publication will remain unchanged until 2007. At this date, the publication will be

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

INTRODUCTION

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

1) Winding wires – 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 0-6: General requirements – Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire

1 Scope

This part of IEC 60317 specifies general requirements of glass-fibre wound resin or varnish impregnated, bare or enamelled, round copper winding wires.

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

When a reference is made to a winding wire according to one of the IEC 60317 series, the following information should be given in the description:

– reference to IEC specification;
– nominal conductor diameter in millimetres;
– grade of coating and glass covering.

EXAMPLE: IEC 60317-48 0,500 1G2

2 Normative references

The following normative documents contain provisions which, through reference in this text, constitute provisions of this part of IEC 60317. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this part of IEC 60317 are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of IEC and ISO maintain registers of currently valid International Standards.

IEC 60851-5:1996, *Winding wires – Test methods – Part 5: Electrical properties* [1]

IEC 60851-6:1996, *Winding wires – Test methods – Part 6: Thermal properties*

ISO 3:1973, *Preferred numbers – Series of preferred numbers*

[1] A consolidated edition 3.1 exists (1997) that includes IEC 60851-5 (1996) and its amendment 1 (1997).