
Specifications for particular types of winding wires - Part 49: Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire, temperature index 180

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Technische Lieferbedingungen für bestimmte Typen von Wickeldrähten -- Teil 49: Runddrähte aus Kupfer, blank oder lackisoliert, umhüllt mit Glasgewebe und imprägniert, Klasse 180

Spécifications pour types particuliers de fils de bobinage -- Partie 49: Fil de section circulaire en cuivre nu ou émaillé, recouvert d'un guipage de fibres de verre imprégnées de résine ou de vernis, indice de température 180

Ta slovenski standard je istoveten z: EN 60317-49:2000

ICS:

29.060.10 Žice Wires

SIST EN 60317-49:2001 **en**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60317-49

February 2000

ICS 29.060.10

English version

**Specifications for particular types of winding wires
Part 49: Glass-fibre wound resin or varnish impregnated,
bare or enamelled round copper wire, temperature index 180
(IEC 60317-49:1999)**

Spécifications pour types particuliers
de fils de bobinage
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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

Foreword

The text of document 55/706/FDIS, future edition 1 of IEC 60317-49, prepared by IEC TC 55, Winding wires, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60317-49 on 2000-01-01.

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) 2000-10-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2003-01-01

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 60317-49:1999 was approved by CENELEC as a European Standard without any modification.

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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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60317-8	1990	Specifications for particular types of winding wires Part 8: Polyesterimide enamelled round copper wire, class 180	EN 60317-8	1994
IEC 60317-13	1990	Part 13: Polyester or polyesterimide overcoated with polyamide-imide enamelled round copper wire, class 200	EN 60317-13	1994
IEC 60317-46	1997	Part 46: Aromatic polyimide enamelled round copper wire, class 240	EN 60317-46	1997

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

60317-49

Première édition
First edition
1999-10

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

Partie 49:

**Fil de section circulaire en cuivre nu ou émaillé,
recouvert d'un guipage de fibres de verre
imprégnées de résine ou de vernis,
indice de température 180**

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[https://standards.iteh.ai/catalog/standards/sist/137ec050-befc-4063-94f7-](https://standards.iteh.ai/catalog/standards/sist/137ec050-befc-4063-94f7-60317-49-2001)

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

Part 49:

**Glass-fibre wound resin or varnish impregnated,
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Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SPECIFICATIONS FOR PARTICULAR TYPES OF WINDING WIRES –**Part 49: Glass-fibre wound resin or varnish impregnated,
bare or enamelled round copper wire,
temperature index 180**

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.
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International Standard IEC 60317-49 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
55/706/FDIS	55/733/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.

The committee has decided that this publication remains valid until 2004-10.

At this date, in accordance with the committee's decision, the publication 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. The series has three groups describing

- 1) methods of test (IEC 60851);
- 2) specifications (IEC 60317);
- 3) packaging (IEC 60264).

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