

**SLOVENSKI**

**SIST EN 60317-  
31:2001/oprA2:2005**

**PREDSTANDARD**

februar 2005

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**Specifikacije za posebne vrste navijalnih žic – 31. del: – Bakrena žica s pravokotnim prerezom, gola ali emajlirana, ovita z optičnimi vlakni in impregnirana s smolo ali lakom, temperaturni indeks 180**

Specifications for particular types of winding wires – Part 31: Glass-fibre wound resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180

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ICS 29.060.10

Referenčna številka  
SIST EN 60317-  
31:2001/oprA2:2005(en)





55/927/CDV

COMMITTEE DRAFT FOR VOTE (CDV)  
PROJET DE COMITÉ POUR VOTE (CDV)

Project number Numéro de projet		IEC 60317-31, A2 Ed. 1	
IEC/TC or SC: <b>TC 55</b> CEI/CE ou SC:	Date of circulation Date de diffusion <b>2004-11-19</b>	Closing date for voting (Voting mandatory for P-members) Date de clôture du vote (Vote obligatoire pour les membres (P)) <b>2005-04-22</b>	
Titre du CE/SC: Fils de bobinage		TC/SC Title: Winding Wires	
Secretary: M. LEIBOWITZ - USA E-Mail: mik_leibowitz@nema.org			
Also of interest to the following committees Intéresse également les comités suivants		Supersedes document Remplace le document 55/853/CD 55/881/CC	
Functions concerned Fonctions concernées			
<input checked="" type="checkbox"/> Safety Sécurité	<input type="checkbox"/> EMC CEM	<input type="checkbox"/> Environment Environnement	<input type="checkbox"/> Quality assurance Assurance qualité

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Titre : Amendement 2 de IEC 60317-31, Ed. 1: Spécifications pour types particuliers de fils de bobinage – Partie 31: Fil de section rectangulaire en cuivre nu ou émaillé guipé de fibres de verre imprégnées de vernis ou de résine, d'indice de température 180

Title : Amendment 2 to IEC 60317-31, Ed. 1: Specifications for particular types of winding wire - Part 31: Glass-fibre wound resin or varnish resin impregnated, bare or enamelled rectangular copper wire, temperature index 180

Note d'introduction

Introductory note

<b>ATTENTION</b> <b>CDV soumis en parallèle au vote (CEI) et à l'enquête (CENELEC)</b>	<b>ATTENTION</b> <b>Parallel IEC CDV/CENELEC Enquiry</b>
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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**SPECIFICATIONS FOR PARTICULAR TYPES  
OF WINDING WIRES -****Part 31: Glass-fibre wound resin or varnish resin impregnated,  
bare or enamelled rectangular 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 cooperation 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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This International Standard has been prepared by IEC technical committee 55: Winding wires.

This second amendment to the first edition of IEC 60317-31, issued in 1990, represents a technical revision.

The main changes with respect to the previous edition are listed below:

- Descriptions of glass-fibre coverings, clause 1, added
- New requirements for appearance, subclause 3.2, added
- New pin hole test, clause 23, added

The committee has decided that this publication remains valid until 2009. At this date, in accordance with the committee's decision, the publication will be

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

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*Throughout the text, add 60000 to the numbers of the standards cited. For example, change "IEC 851" to "IEC 60851".*

Page 7

## INTRODUCTION

*Replace the existing text by the following:*

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).

Page 9

## 1 Scope

*Revise the first sentence as follows:*

This part of IEC 60317 specifies the requirements of glass-fibre wound resin or varnish impregnated, bare, grade 1 or grade 2 enamelled rectangular copper winding wire, temperature index 180.

*Remove the year of publication from the enamelled wire standards.*

*Clause 1, following paragraph 7, add the following:*

The covering shall have two grades of thickness:

- grade G1 and grade G2 for bare covered wires;
- grade 2G1 and grade 2G2 for grade 2 enamelled wires.

Page 11

## 2 Normative references

*Delete the publication year of publication from all references.*

*Replace the title of clause 3 by following:*

## 3 Definitions and general notes on methods of test and appearance

*Assign subclause 3.1 to the existing text, and add the following new subclause 3.2 as follows:*

### 3.1 General

For definitions and general notes on methods of test, see clause 3 of IEC 60317-0-4.

In case of inconsistencies between IEC 60317-0-4 and this standard, IEC 60317-31 shall prevail.

### 3.2 Appearance

See clause 3.3 of IEC 60317-0-4.

Page 15

*Add new clause 23 as follows:*

**23 Pin hole test**

Test inappropriate.

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