

SLOVENSKI

**SIST EN 60317-
30:2001/oprA2:2005**

PREDSTANDARD

februar 2005

**Specifikacije za posebne vrste navijalnih žic – 30. del: S poliimidom
emajlirana bakrena žica s pravokotnim prerezom, razred 220**

Specifications for particular types of winding wires – Part 30: Polyimide enamelled
rectangular copper wire, class 220

ICS 29.060.10

Referenčna številka
SIST EN 60317-
30:2001/oprA2:2005(en)



55/926/CDV

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

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Titre du CE/SC: Fils de bobinage		TC/SC Title: Winding Wires	
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Also of interest to the following committees Intéresse également les comités suivants		Supersedes document Remplace le document 55/852/CD 55/880/CC	
Functions concerned Fonctions concernées			
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Title : Amendement 2 de IEC 60317-30, Ed. 1:
Spécifications pour types particuliers de fils de bobinage – Partie 30: Fil de section rectangulaire en cuivre émaillé avec polyimide, classe 220

Title : Amendment 2 to IEC 60317-30, Ed. 1:
Specifications for particular types of winding wire - Part 30: Polyimide enamelled rectangular copper wire, class 220

Note d'introduction

Introductory note

ATTENTION	ATTENTION
CDV soumis en parallèle au vote (CEI) et à l'enquête (CENELEC)	Parallel IEC CDV/CENELEC Enquiry

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**SPECIFICATIONS FOR PARTICULAR TYPES
OF WINDING WIRES –
Part 30: Polyimide enamelled rectangular copper wire,
class 220**

FOREWORD

1) The formal decisions or agreements of the IEC on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.

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This part of IEC 60317 has been prepared by IEC Technical Committee No. 55: Winding wires.

This second amendment to the first edition of IEC 60317-30, issued in 1990, represents a technical revision.

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

- New requirements for appearance, clause 3.1, added
- Dielectric dissipation requirements, clause 18, clarified
- 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.

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

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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).

SPECIFICATIONS FOR PARTICULAR TYPES OF WINDING WIRES –

Part 30: Polyimide enamelled rectangular copper wire, class 220

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1 Scope

Replace the first sentence by the following:

This part of IEC 60317 specifies the requirements of enamelled rectangular copper winding wire of class 220 with a sole coating based on polyimide resin.

2 Normative references

Replace the reference by the following:

IEC 60317-0-2, *Specifications for particular types of winding wires - Part 0: General requirements - Section 2: Enamelled rectangular copper wire.*

Replace the title of clause 3 by the following:

3 Definitions and general notes on methods of test and appearance

Add new subclause 3.1 for the existing text, and add new subclause 3.2 as follows:

3.1 General

For definitions and general notes on methods of test, see clause 3 of IEC 60317-0-2.

In case of inconsistencies between IEC 60317-0-2 and this standard, IEC 60317-30 shall prevail.

3.2 Appearance

See Clause 3.3 of IEC 60317-0-1.

19 Dielectric dissipation factor

Delete Note 1, retain the former Note 2, and replace the existing text as follows:

The dielectric dissipation factor $\tan \delta$ shall not exceed 60×10^{-4} when measured at room temperature at a frequency of 1 000 Hz.

NOTE

If the dielectric dissipation factor $\tan \delta$ cannot be measured, this measurement shall be replaced by a measurement of the loss of mass.

Add a new clause 23 as follows:

23 Pin hole test

Test requirements under consideration.
