

**SLOVENSKI**  
**STANDARD**

**SIST EN 60317-  
17:2001/A2:2005**

julij 2005

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**Specifikacije za posebne tipe navitij – 17. del: S polivinil acetalom emajliran bakren vodnik s pravokotnim prerezom, razred 105**

Specifications for particular types of winding wires – Part 17: Polyvinyl acetal enamelled rectangular copper wire, class 105

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ICS 29.060.10

Referenčna številka  
SIST EN 60317-17:2001/A2:2005(en)

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EUROPEAN STANDARD

**EN 60317-17/A2**

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2005

ICS 29.060.10

English version

**Specifications for particular types of winding wires**  
**Part 17: Polyvinyl acetal enamelled rectangular copper wire, class 105**  
(IEC 60317-17:1990/A2:2005)

Spécifications pour types particuliers  
de fils de bobinage  
Partie 17: Fil de section rectangulaire  
en cuivre émaillé avec acétal  
de polyvinyle, classe 105  
(CEI 60317-17:1990/A2:2005)

Technische Lieferbedingungen für  
bestimmte Typen von Wickeldrähten  
Teil 17: Flachdrähte aus Kupfer,  
lackisoliert mit Polyvinylazetat, Klasse 105  
(IEC 60317-17:1990/A2:2005)

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This amendment A2 modifies the European Standard EN 60317-17:1994; 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 55/933/FDIS, future amendment 2 to IEC 60317-17:1990, 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 60317-17:1994 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) 2006-01-01
- latest date by which the national standards conflicting  
with the amendment have to be withdrawn (dow) 2008-03-01

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## Endorsement notice

The text of amendment 2:2005 to the International Standard IEC 60317-17:1990 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD

CEI  
IEC

60317-17

1990

AMENDEMENT 2  
AMENDMENT 2  
2005-03

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Amendement 2

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

**Partie 17:  
Fil de section rectangulaire en cuivre émaillé  
avec acétal de polyvinyle, classe 105**

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Amendment 2

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

**Part 17:  
Polyvinyl acetal enamelled rectangular  
copper wire, class 105**

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## 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
55/933/FDIS	55/941/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 the base publication and its amendments 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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Throughout the text of this standard, add 60000 to all the numbers of the standards cited. For example, change "IEC 317-0-2" to "IEC 60317-0-2".

Page 7

### INTRODUCTION

*Replace the existing text with 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) Test methods (IEC 60851)
- 2) Specifications for particular types of winding wire (IEC 60317)
- 3) Packaging of winding wires (IEC 60264).

Page 9

## 1 Scope

*Replace the first paragraph with the following:*

This part of IEC 60317 specifies the requirements of enamelled rectangular copper winding wire of class 105 with a sole coating based on polyvinyl acetal resin, which may be modified providing it retains the chemical identity of the original resin and meets all specified wire requirements.

Page 11

## 3 Definitions and general notes on methods of test

*Replace the title of Clause 3, and add Subclauses 3.1 and 3.2 as follows:*

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

#### 3.1 Definitions and general notes on method of test

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 60317-17 shall prevail.

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#### 3.2 Appearance

See Clause 3 of IEC 60317-0-2.

Page 13

## 10 Cut-through

*Replace the existing text with the following:*

Test inappropriate.

Page 15

## 20 Resistance to transformer oil

*Replace the existing text with the following:*

Test requirements are under consideration.

*Add the following new clause:*

**23 Pin hole test**

Test inappropriate.

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