

Navijalne žice - Preskusne metode - 1. del: Splošno

Winding wires - Test methods - Part 1: General

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[SIST EN 60851-1:2001/A1:2004](https://standards.iteh.ai/catalog/standards/sist/95bd84df-8882-46e5-a3e2-d7cc647739e6/sist-en-60851-1-2001-a1-2004)
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EUROPEAN STANDARD

EN 60851-1/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2004

ICS 29.060.10

English version

**Winding wires -
Test methods
Part 1: General**
(IEC 60851-1:1996/A1:2003)

Fils de bobinage -
Méthodes d'essai
Partie 1: Généralités
(CEI 60851-1:1996/A1:2003)

Wickeldrähte -
Prüfverfahren
Teil 1: Allgemeines
(IEC 60851-1:1996/A1:2003)

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This amendment A1 modifies the European Standard EN 60851-1:1996; it was approved by CENELEC on 2004-03-01. 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 55/873/FDIS, future amendment 1 to IEC 60851-1:1996, prepared by IEC TC 55, Winding wires, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 60851-1:1996 on 2004-03-01.

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) 2004-12-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2007-03-01

Endorsement notice

The text of amendment 1:2003 to the International Standard IEC 60851-1:1996 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC

60851-1

1996-10

AMENDEMENT 1
AMENDMENT 1
2003-12

Amendement 1

Fils de bobinage – Méthodes d'essai –

**Partie 1:
Généralités**

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Amendment 1

SIST EN 60851-1:2001/A1:2004

<https://standards.iteh.ai/catalog/standards/sist/en-60851-1-2001/a1-2004>
Winding wires – Test methods –

**Part 1:
General**

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Commission Electrotechnique Internationale
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Международная Электротехническая Комиссия

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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
55/873/FDIS	55/890/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 2009. At this date, 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”.

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<https://standards.iteh.ai/catalog/standards/sist/95bd84df-8882-46e5-a3e2-d7cc647739e6/sist-en-60851-1-2001-a1-2004>

INTRODUCTION

Replace the existing text with the following:

This standard is one of a series which deals with insulated wires used for windings in electrical equipment. The series comprises three groups:

- 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 13

Annex A

Part 3: Mechanical properties

Replace, on page 15, “5.5.4 Tape wrapped round and rectangular wire” with the following text:

5.5.4 Tape wrapped round and rectangular wire (only for adhesive tape)

Replace the title of Test 18 with the following new title:

7 Test 18*: Heat bonding (applicable to enamelled round wire with a nominal conductor diameter over 0,050 mm up to and including 2,000 mm)

Add, after the reference to Annex A, the following:

Annex B Friction test methods

Part 4: Chemical properties

Page 17

Replace the title and the text of Test 20 as follows:

6 Test 20*: Resistance to hydrolysis and to transformer oil (applicable to enamelled wire)

6.1 Round wire

6.2 Rectangular wire

Part 5: Electrical properties

In Test 13: Breakdown voltage, change the title of 4.6 and add 4.7 as follows:

4.6 Fibre wound round wire

4.7 Rectangular wire

Change the title of Test 19 as follows:

6 Test 19: Dielectric dissipation factor (applicable to enamelled round, rectangular and bunched wire)

Add the following test:

7 Test 22: Pin hole test

Annex A Tangent delta

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