

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**

Amendment 1

Winding wires – Test methods –

**Part 1:
General**

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International Electrotechnical Commission, 3, rue de Varembé, PO Box 131, CH-1211 Geneva 20, Switzerland
Telephone: +41 22 919 02 11 Telefax: +41 22 919 03 00 E-mail: inmail@iec.ch Web: www.iec.ch



Commission Electrotechnique Internationale
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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 - withdrawn;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.
-

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

Page 5

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

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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
