



SLOVENSKI STANDARD
SIST EN 60851-2:2001/A1:2001
01-september-2001

Amendment to subclauses 3.2.1 and 3.2.5 of EN

Winding wires - Test methods -- Part 2: Determination of dimensions

Wickeldrähte - Prüfverfahren -- Teil 2: Ermittlung der Maße

Fils de bobinage - Méthodes d'essai -- Partie 2: Détermination des dimensions

Ta slovenski standard je istoveten z: EN 60851-2:1996/A1:1997

[SIST EN 60851-2:2001/A1:2001](https://standards.iteh.ai/catalog/standards/sist/92fb5c2f-70d5-494c-8814-f5c6e3814ae6/sist-en-60851-2-2001-a1-2001)

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ICS:

29.060.10 Žice Wires

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60851-2/A1

October 1997

ICS 29.060.10

Descriptors: Electrical wire, winding wire, insulated wire, dimension

English version

**Winding wires - Test methods
Part 2: Determination of dimensions
(IEC 60851-2:1996/A1:1997)**

Fils de bobinage - Méthodes d'essai
Partie 2: Détermination des dimensions
(CEI 60851-2:1996/A1:1997)

Wickeldrähte - Prüfverfahren
Teil 2: Ermittlung der Maße
(IEC 60851-2:1996/A1:1997)

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This amendment A1 modifies the European Standard EN 60851-2:1996; it was approved by CENELEC on 1997-10-01. 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, 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 55/587/FDIS, future amendment 1 to IEC 60851-2:1996, 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 60851-2:1996 on 1997-10-01.

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) 1998-07-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1998-07-01

Endorsement notice

The text of amendment 1:1997 to the International Standard IEC 60851-2:1996 was approved by CENELEC as an amendment to the European Standard without any modification.

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**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

60851-2

1996

AMENDEMENT 1
AMENDMENT 1

1997-07

Amendement 1

Fils de bobinage – Méthodes d'essai –

**Partie 2:
Détermination des dimensions**

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Amendment 1

[SIST EN 60851-2:2001/A1:2001](https://standards.iteh.ai/catalog/standards/sist-en-60851-2-2001-a1-2001)

<https://standards.iteh.ai/catalog/standards/sist-en-60851-2-2001-a1-2001>
Winding wires – Test methods –

**Part 2:
Determination of dimensions**

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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
55/587/FDIS	55/605/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.

Modification of IEC 60851-2, subclauses 3.2.1.1 and 3.2.5.1

3.2.1 Conductor dimension

3.2.1.1 Round wire

NOTE – See table 2.

3.2.1.1.1 Nominal conductor diameter over 0,063 mm and up to and including 0,200 mm

From a straight piece of wire, the insulation shall be removed at three places, 1 m apart, by any method that does not damage the conductor. One measurement shall be made at these three places.

The three single values shall be reported. The mean value represents the conductor diameter.

3.2.1.1.2 Nominal conductor diameter over 0,200 mm

From a straight piece of wire, the insulation shall be removed by any method that does not damage the conductor. Three measurements of the bare conductor diameter shall be made at points evenly distributed around the circumference of the conductor.

The three single values shall be reported. The mean value represents the conductor diameter.

3.2.5 Overall dimension

3.2.5.1 Round wire

3.2.5.1.1 Nominal diameter up to and including 0,200 mm

On a straight piece of wire, at three places 1 m apart, one measurement of the overall diameter shall be made.

The three single values shall be reported. The mean value represents the overall diameter.

3.2.5.1.2 Nominal conductor diameter over 0,200 mm

On a straight piece of wire, at each of two places 1 m apart, three measurements of the overall diameter shall be made at points evenly distributed around the circumference of the wire.

The six single values shall be reported. The mean value represents the overall diameter.

For determination of the conductor diameter as given in the relevant standards, the following applies:

Table 2 – Determination of the conductor diameter

Nominal conductor diameter	Measurement	Clause
$d \leq 0,063$ mm	Resistance	3 (IEC 60851-5)
$d > 0,063$ mm	Dimension	3.2.1.1
NOTE – By agreement between purchaser and supplier, resistance measurements may be made in the range of nominal conductor diameters over 0,063 mm and up to and including 1,000 mm.		

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