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**BS EN 60851-6:2012**



BSI Standards Publication

# Winding wires — Test methods

Part 6: Thermal properties

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This British Standard is the UK implementation of EN 60851-6:2012. It is identical to IEC 60851-6:2012. It supersedes BS EN 60851-6:1998 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee GEL/55, Winding wires.

A list of organizations represented on this committee can be obtained on request to its secretary.

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#### **Amendments issued since publication**

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**EUROPÄISCHE NORM**

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Supersedes EN 60851-6:1996 + A1:1997 + A2:2004

English version

**Winding wires -  
Test methods -  
Part 6: Thermal properties  
(IEC 60851-6:2012)**

Fils de bobinage -  
Méthodes d'essai -  
Partie 6: Propriétés thermiques  
(CEI 60851-6:2012)

Wickeldrähte -  
Prüfverfahren -  
Teil 6: Thermische Eigenschaften  
(IEC 60851-6:2012)

This European Standard was approved by CENELEC on 2012-06-27. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard 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 CEN-CENELEC Management Centre has the same status as the official versions.

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**CENELEC**

European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

**Management Centre: Avenue Marnix 17, B - 1000 Brussels**

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The text of document 55/1312/FDIS, future edition 3 of IEC 60851-6, prepared by IEC/TC 55 "Winding wires" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60851-6:2012.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-03-27
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2015-06-27

This document supersedes EN 60851-6:1996 + A1:1997 + A2:2004.

EN 60851-6:2012 includes the following significant technical changes with respect to EN 60851-6:1996 + A1:1997 + A2:2004:

- deletion of Table 2: Heating period in Test 10: Cut-through;
- revision to Test 15, where the temperature index requirements for all winding wire constructions have a common reference.

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### **Endorsement notice**

The text of the International Standard IEC 60851-6:2012 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated :

IEC 60851-1      NOTE      Harmonised as EN 60851-1.

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(normative)

### **Normative references to international publications with their corresponding European publications**

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60172	-	Test procedure for the determination of the temperature index of enamelled winding wires	EN 60172	-
IEC 60851-3	2009	Winding wires - Test methods - Part 3: Mechanical properties	EN 60851-3	2009
IEC 60851-5 + A1	2008 2011	Winding wires - Test methods - Part 5: Electrical properties	EN 60851-5 + A1	2008 2011

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