
Navijalne žice - Preskusne metode - 5. del: Električne lastnosti - Dopolnilo A2 (IEC 60851-5:2008/A2:2019)

Winding wires - Test methods - Part 5: Electrical properties (IEC 60851-5:2008/A2:2019)

Wickeldrähte - Prüfverfahren - Teil 5: Elektrische Eigenschaften (IEC 60851-5:2008/A2:2019)

Fils de bobinage - Méthodes d'essai - Partie 5: Propriétés électriques (IEC 60851-5:2008/A2:2019)

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Ta slovenski standard je istoveten z: EN 60851-5:2008/A2:2019

[SIST EN 60851-5:2009/A2:2020](http://standards.itteh.ai/catalog/standards/sist/en-60851-5-2009-a2-2020)

<http://standards.itteh.ai/catalog/standards/sist/en-60851-5-2008-a2-2019>

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29.060.10 Žice Wires

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EUROPEAN STANDARD

EN 60851-5:2008/A2

NORME EUROPÉENNE

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November 2019

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English Version

**Winding wires - Test methods - Part 5: Electrical properties
(IEC 60851-5:2008/A2:2019)**

Fils de bobinage - Méthodes d'essai - Partie 5: Propriétés
électriques
(IEC 60851-5:2008/A2:2019)

Wickeldrähte - Prüfverfahren - Teil 5: Elektrische
Eigenschaften
(IEC 60851-5:2008/A2:2019)

This amendment A2 modifies the European Standard EN 60851-5:2008; it was approved by CENELEC on 2019-10-25. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN 60851-5:2008/A2:2019 (E)**European foreword**

The text of document 55/1791/FDIS, future IEC 60851-5/A2, prepared by IEC/TC 55 "Winding wires" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60851-5:2008/A2:2019.

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) 2020-07-25
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-10-25

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The text of the International Standard IEC 60851-5:2008/A2:2019 was approved by CENELEC as a European Standard without any modification.



IEC 60851-5

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 2
AMENDEMENT 2

Winding wires – Test methods –
Part 5: Electrical properties

Fils de bobinage – Méthodes d'essai –
Partie 5: Propriétés électriques

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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
55/1791/FDIS	55/1818/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 this amendment and the base publication will remain unchanged until the stability date indicated on the IEC website 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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5.4.2 Equipment

Replace the second dash, as modified by Amendment 1, with the following new dash:

- fault detection circuit which operates at a fault current of 18 μ A with a speed of response of $\leq 1,5$ ms;

5.4.3 Procedure

Delete Table 6, as modified by Amendment 1.

Replace Table 7, as modified by Amendment 1, with the following new table:

Table 7 – In-line HVC test voltages

Type of conductor	Nominal diameter mm		Test voltage DC						
	Over	Up to and incl.	Grade of FIW 3	Grade of FIW 4	Grade of FIW 5	Grade of FIW 6	Grade of FIW 7	Grade of FIW 8	Grade of FIW 9
Copper	0,035	0,050	350	350	500	750	1 000	2 000	3 000
	0,050	0,053	350	350	500	1 000	1 500	2 000	3 000
	0,053	0,085	350	350	750	1 000	1 500	3 000	3 000
	0,085	0,095	350	500	750	1 000	2 000	3 000	3 000
	0,095	0,118	500	500	1 000	1 500	2 000	3 000	3 000
	0,118	0,125	500	500	1 000	2 000	3 000	3 000	3 000
	0,125	0,170	500	750	1 000	2 000	3 000	3 000	3 000
	0,170	0,190	750	750	1 000	2 000	3 000	3 000	3 000
	0,190	0,250	1 000	1 000	1 500	3 000	3 000	3 000	3 000
	0,250	0,300	1 500	1 500	2 000	3 000	3 000	3 000	3 000
	0,300	0,375	2 000	2 000	3 000	3 000	3 000	3 000	3 000
	0,375	0,425	2 000	3 000	3 000	3 000	3 000	3 000	–
	0,425	0,600	2 000	3 000	3 000	3 000	3 000	–	–
	0,600	0,750	3 000	3 000	3 000	3 000	3 000	–	–
	0,750	1,060	3 000	3 000	3 000	3 000	–	–	–
1,060	1,600	3 000	3 000	3 000	–	–	–	–	
Aluminium	0,400	1,600	–	–	–	–	–	–	–