SLOVENSKI STANDARD
SIST EN 62317-9:2007/A1:2007

01-september-2007

Feritna jedra – Mere – 9. del: Planarna jedra (IEC 62317-9:2006/A1:2007)

Ferrite cores - Dimensions -- Part 9: Planar cores (IEC 62317-9:2006/A1:2007)

Ferritkerne - Maße -- Teil 9: Planarkerne (IEC 62317-9:2006/A1:2007)

Noyaux ferrites - Dimensions -- Partie 9: Noyaux planaires (IEC 62317-9:2006/A1:2007)

Ta slovenski standard je istoveten z: **EN 62317-9:2006/A1:2007**

ICS:

29.100.10 Magnetne komponente Magnetic components

SIST EN 62317-9:2007/A1:2007 **en,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 62317-9/A1

March 2007

ICS 29.100.10

English version

Ferrite cores - Dimensions - Part 9: Planar cores
(IEC 62317-9:2006/A1:2007)

Noyaux ferrites - Dimensions - Partie 9: Noyaux planaires (CEI 62317-9:2006/A1:2007)

Ferritkerne - Maße - Teil 9: Planarkerne (IEC 62317-9:2006/A1:2007)

This amendment A1 modifies the European Standard EN 62317-9:2006; it was approved by CENELEC on 2007-03-01. 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 two official versions (English, 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.

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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 51/866/CDV, future amendment 1 to IEC 62317-9:2006, prepared by IEC TC 51, Magnetic components and ferrite materials, was submitted to the IEC-CENELEC Parallel Unique Acceptance Procedure and was approved by CENELEC as amendment A1 to EN 62317-9:2006 on 2007-03-01.

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)	2007-12-01
– latest date by which the national standards conflicting with the amendment have to be withdrawn	(dow)	2010-03-01

Endorsement notice

The text of amendment 1:2007 to the International Standard IEC 62317-9:2006 was approved by CENELEC as an amendment to the European Standard without any modification.

INTERNATIONAL STANDARD

IEC 62317-9

2006

AMENDMENT 1
2007-02

Amendment 1

Ferrite cores – Dimensions –

Part 9: Planar cores

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FOREWORD

This amendment has been prepared by IEC technical committee 51: Magnetic components and ferrite materials.

The text of this amendment is based on the following documents:

CDV	Report on voting
51/866/CDV	51/876/RVC

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 maintenance result date indicated on the IEC web site 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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Table 5 – Dimensions of low-profile ER-core

Add, to the existing table, the new cores as follows:

Size		*A*	B_1	B_2	*C*	*D*	*E*	*F*	*G*
ER20 × 6 × 14	min.	19,65	6,2		13,7	3,95	17,65	8,65	12,51
	max.	20,35	6,4		14,3	4,25	18,35	8,95	13,21
PLT20 × 2 × 14	min.	19,65		2,25	13,7				
	max.	20,35		2,35	14,3				
ER32 × 5 × 21	min.	31,4	5,0		20,6	2,6	29,2	11,0	23,0
	max.	32,6	5,2		21,4	2,8	30,2	11,4	24,2
PLT32 × 3 × 25	min.	31,4		2,3	20,6				
	max.	32,6		2,5	21,4				

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Table 6 – Effective parameter values and A_{min} values

Add, to the existing table, the new values as follows:

	C_1 mm^{-1}	C_2 mm^{-3}	l_e mm	A_e mm^2	V_e mm^3	A_{min} mm^2	Remarks
ER20 × 6 × 14	0,578 42	0,009 734 0	34,4	59,4	2 040	55,4	Combination ER-ER
ER32 × 5 × 21	0,399 71	0,003 981 9	40,1	100	4 030	98,5	
ER20 × 6 × 14 + PLT	0,433 22	0,007 146 5	26,3	60,6	1 590	55,4	Combination ER-PLT
ER32 × 5 × 21 + PLT	0,345 69	0,003 441 3	34,7	101	3 490	98,5	