



SLOVENSKI STANDARD

SIST EN 62317-5:2016

01-marec-2016

Nadomešča:
SIST EN 61596:2002

Feritna jedra - Mere - 5. del: EP-jedra in pripadajoči deli za uporabo v tuljavah in transformatorjih

Ferrite cores - Dimensions - Part 5: EP-cores and associated parts for use in inductors and transformers

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Noyaux ferrites - Dimensions - Partie 5: Noyaux EP et pièces associées utilisés dans les inductances et transformateurs

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Ta slovenski standard je istoveten z: EN 62317-5:2015

ICS:

29.100.10	Magnetne komponente	Magnetic components
29.180	Transformatorji. Dušilke	Transformers. Reactors

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en

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 62317-5

December 2015

ICS 29.100.10

Supersedes EN 61596:1997

English Version

**Ferrite cores - Dimensions - Part 5: EP-cores and associated parts for use in inductors and transformers
(IEC 62317-5:2015)**

Noyaux ferrites - Dimensions - Partie 5: Noyaux EP et pièces associées utilisés dans les inductances et transformateurs
(IEC 62317-5:2015)

Ferritkerne - Maße - Teil 5: EP-Kerne und zugehörige Teile zum Einsatz in Drosseln und Transformatoren
(IEC 62317-5:2015)

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 62317-5:2015**European foreword**

The text of document 51/1063/CDV, future edition 1 of IEC 62317-5, prepared by IEC/TC 51 "Magnetic components and ferrite materials" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62317-5:2015.

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) 2016-07-27
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-10-27

This document supersedes EN 61596:1997.

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The text of the International Standard IEC 62317-5:2015 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60205:2006	NOTE	Harmonized as EN 60205:2006 (not modified).
IEC 62317-1	NOTE	Harmonized as EN 62317-1.



IEC 62317-5

Edition 1.0 2015-09

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Ferrite cores – Dimensions –
Part 5: EP-cores and associated parts for use in inductors and transformers

Noyaux ferrites – Dimensions –
Partie 5: Noyaux EP et pièces associées utilisés dans les inductances et transformateurs

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FERRITE CORES –
DIMENSIONS –**
**Part 5: EP-cores and associated parts
for use in inductors and transformers**

FOREWORD

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International Standard IEC 62317-5 has been prepared IEC technical committee 51: Magnetic components and ferrite materials.

This first edition cancels and replaces the first edition of IEC 61596 published in 1995. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to IEC 61596:

- a) addition of EP5-core in Table 1,
- b) addition of effective parameter and A_{\min} values, main dimensions of coil formers, and pin locations and base outlines for EP5-core.

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

CDV	Report on voting
51/1063/CDV	51/1103/RVC

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts in the IEC 62317 series, published under the general title *Ferrite cores – Dimensions*, can be found on the IEC website.

The committee has decided that the contents of this 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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INTRODUCTION

IEC 62317 consists of the following parts, under the general title *Ferrite cores – Dimensions*:

Part 1: General specification

Part 2: Pot-cores for use in telecommunications, power supply, and filter applications

Part 3: Half pot-cores¹

Part 4: RM-cores and associated parts

Part 5: EP-cores and associated parts for use in inductors and transformers

Part 6: ETD-cores for use in power supplies²

Part 7: EER-cores

Part 8: E-cores

Part 9: Planar cores

Part 10: PM-cores³

Part 11: EC-cores for use in power supply applications⁴

Part 12: Ring cores⁵

Part 13: PQ-cores for use in power supply applications

Part 14: EFD-cores for use in power supply applications⁶

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¹ Under consideration.

² To be published.

³ Under consideration.

⁴ Under consideration.

⁵ Under consideration.

⁶ Under consideration.