SLOVENSKI STANDARD
SIST EN 62317-11:2016

01-april-2016

Feritna jedra - Mere - 11. del: EC-jedra za uporabo v napajalnikih

Ferrite cores - Dimensions - Part 11: EC-cores for use in power supply applications

Noyaux ferrites - Dimensions - Partie 11: Noyaux EC utilisés dans des applications d'alimentation électrique

Ta slovenski standard je istoveten z: **EN 62317-11:2016**

ICS:

29.100.10 Magnetne komponente Magnetic components

SIST EN 62317-11:2016 **en**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 62317-11

February 2016

ICS 29.100.10

English Version

Ferrite cores - Dimensions - Part 11: EC-cores for use in power supply applications (IEC 62317-11:2015)

Noyaux ferrites - Dimensions - Partie 11: Noyaux EC utilisés dans des applications d'alimentation électrique (IEC 62317-11:2015)

Ferritkerne - Maße - Teil 11: EC-Kerne für den Einsatz in Netzteilen (IEC 62317-11:2015)

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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

Ref. No. EN 62317-11:2016 E

European foreword

The text of document 51/1077/CDV, future edition 1 of IEC 62317-11, prepared by IEC/TC 51 "Magnetic components and ferrite materials" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62317-11:2016.

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) 2016-09-23
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-12-23

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Endorsement notice

The text of the International Standard IEC 62317-11:2015 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.

IEC 62317-11

Edition 1.0 2015-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Ferrite cores – Dimensions –
Part 11: EC-cores for use in power supply applications

Noyaux ferrites – Dimensions –
Partie 11: Noyaux EC utilisés dans des applications d'alimentation électrique

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FERRITE CORES – DIMENSIONS –

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

FOREWORD

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International Standard IEC 62317-11 has been prepared by IEC technical committee 51: Magnetic components and ferrite materials.

This first edition cancels and replaces the first edition of IEC 60647 published in 1979. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the first edition of IEC 60647:

a) addition of EC90 and EC120 cores in Table 1,
b) addition of effective parameter and A_{min} values and main dimensions of coil formers for EC90 and EC120 cores.

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

CDV	Report on voting
51/1077/CDV	51/1083/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.

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: Dimensions of half pot-cores made of ferrite for inductive proximity switches[1]
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 supplies
Part 7: EER-cores
Part 8: E-cores
Part 9: Planar cores
Part 10: PM-cores made of magnetic oxides and associated parts – Dimensions[2]
Part 11: EC-cores for use in power supply applications
Part 12: Dimensions of uncoated ring cores of magnetic oxides[3]

[1] Under consideration, currently available as IEC 62323.

[2] Under consideration, currently available as IEC 61247.

[3] Under consideration, currently available as IEC 61604.