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**Fiksni električni dvoplastni kondenzatorji za elektronsko opremo – 2-1. del:  
Okvirna podrobna specifikacija – Električni dvoplastni kondenzatorji za  
elektroenergetske aplikacije – Nivo ocenjevanja EZ (IEC 62391-2-1:2006)**

Fixed electric double-layer capacitors for use in electronic equipment – Part 2-1:  
Blank detail specification - Electric-double layer capacitors for power application –  
Assessment level EZ (IEC 62391-2-1:2006)

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**Fixed electric double-layer capacitors  
for use in electronic equipment  
Part 2-1: Blank detail specification -  
Electric-double layer capacitors  
for power application -  
Assessment level EZ  
(IEC 62391-2-1:2006)**

Condensateurs électriques fixes  
à double couche utilisés dans  
les équipements électroniques  
Partie 2-1: Spécification particulière cadre -  
Condensateurs électriques fixes à double  
couche pour application de puissance -  
Niveau d'assurance de la qualité EZ  
(CEI 62391-2-1:2006)

Elektrische  
Doppelschichtfestkondensatoren zur  
Verwendung in Geräten der Elektronik  
Teil 2-1: Vordruck für Bauartspezifikation:  
Elektrische  
Doppelschichtfestkondensatoren  
für Leistungsanwendungen -  
Bewertungsstufe EZ  
(IEC 62391-2-1:2006)

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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 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

## 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 40/1642/FDIS, future edition 1 of IEC 62391-2-1, prepared by IEC TC 40, Capacitors and resistors for electronic equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62391-2-1 on 2006-05-01.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2007-02-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2009-05-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 62391-2-1:2006 was approved by CENELEC as a European Standard without any modification.

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**Annex ZA**  
(normative)

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

The following referenced documents are indispensable for the application of this document. 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 60410	- <sup>1)</sup>	Sampling plans and procedures for inspection - by attributes		-
IEC 62391-1	- <sup>1)</sup>	Fixed electric double-layer capacitors for use in electronic equipment - Part 1: Generic specification	EN 62391-1	2006 <sup>2)</sup>
IEC 62391-2	- <sup>1)</sup>	Fixed electric double-layer capacitors for use in electronic equipment - Part 2: Sectional specification - Electric double-layer capacitors for power application	EN 62391-2	2006 <sup>2)</sup>
IEC QC 001005	- <sup>1)</sup>	IEC Quality assessment system for electronic - components (IECQ) - Register of films, products and services approved under the IECQ system, including ISO 9000		-

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<sup>1)</sup> Undated reference.  
<sup>2)</sup> Valid edition at date of issue.

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# INTERNATIONAL STANDARD

# IEC 62391-2-1

First edition  
2006-04

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## Fixed electric double-layer capacitors for use in electronic equipment –

### Part 2-1: Blank detail specification –

### Electric double-layer capacitors for power application – Assessment level EZ

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Международная Электротехническая Комиссия

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**FIXED ELECTRIC DOUBLE-LAYER CAPACITORS  
FOR USE IN ELECTRONIC EQUIPMENT –**

**Part 2-1: Blank detail specification –  
Electric double-layer capacitors for power application –  
Assessment level EZ**

FOREWORD

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International Standard IEC 62391-2-1 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

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

FDIS	Report on voting
40/1642/FDIS	40/1714/RVD

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.



IEC 62391 consists of the following parts, under the general title *Fixed electric double-layer capacitors for use in electronic equipment*:

Part 1: Generic specification

Part 2: Sectional specification – Electric double-layer capacitors for power application

The sectional specification mentioned above does have a blank detail specification being a supplementary document, containing requirements for style, layout and minimum content of detail specifications.

The committee has decided that the contents of this 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.

A bilingual version of this publication may be issued at a later date.

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