



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60384-16:2005

ICS 13.060.30

**FIXED CAPACITORS FOR USE IN  
ELECTRONIC EQUIPMENT -- PART 16:  
SECTIONAL SPECIFICATION: FIXED  
METALLIZED POLYPROPYLENE FILM  
DIELECTRIC D.C. CAPACITORS**

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EUROPEAN STANDARD

**EN 60384-16**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2005

ICS 31.060.30

Supersedes EN 131200:2002

English version

**Fixed capacitors for use in electronic equipment**  
**Part 16: Sectional specification:**  
**Fixed metallized polypropylene film dielectric d.c. capacitors**  
(IEC 60384-16:2005)

Condensateurs fixes utilisés  
dans les équipements électroniques  
Partie 16: Spécification intermédiaire:  
Condensateurs fixes pour courant continu  
à diélectrique en film de polypropylène  
métallisé  
(CEI 60384-16:2005)

Festkondensatoren zur Verwendung in  
Geräten der Elektronik  
Teil 16: Rahmenspezifikation:  
Festkondensatoren mit metallisierter  
Polypropylen-Folie als Dielektrikum für  
Gleichspannung  
(IEC 60384-16:2005)

This European Standard was approved by CENELEC on 2005-11-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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 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, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and 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 40/1595/FDIS, future edition 2 of IEC 60384-16, 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 60384-16 on 2005-11-01.

This European Standard supersedes EN 131200:2002.

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) 2006-08-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2008-11-01

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60384-16:2005 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 60065    | NOTE | Harmonized as EN 60065:2002 (modified).        |
| IEC 60384-14 | NOTE | Harmonized as EN 60384-14:2005 (not modified). |

## 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 Where 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 60063	1963	Preferred number series for resistors and capacitors	-	-
A1	1967		-	-
A2	1977		-	-
IEC 60068-1	- <sup>1)</sup>	Environmental testing Part 1: General and guidance	EN 60068-1	1994 <sup>2)</sup>
IEC 60384-1 (mod)	- <sup>1)</sup>	Fixed capacitors for use in electronic equipment Part 1: Generic specification	EN 60384-1 + corr. October	2001 <sup>2)</sup> 2001
IEC 60384-16-1	- <sup>1)</sup>	Part 16-1: Blank detail specification - Fixed metallized polypropylene film dielectric d.c. capacitors - Assessment levels E and EZ	EN 60384-16-1	2005 <sup>2)</sup>
IEC 60410	- <sup>1)</sup>	Sampling plans and procedures for inspection by attributes	-	-
ISO 3	- <sup>1)</sup>	Preferred numbers - Series of preferred numbers	-	-

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<sup>1)</sup> Undated reference.

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



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