BRITISH STANDARD

BS EN 60384-16-1: 2005

Incorporating corrigendum March 2010

Fixed capacitors for use in electronic equipment —

Part 16-1: Blank detail specification: Fixed metallized polypropylene film dielectric d.c. capacitors — Assessment levels E and EZ

ICS 31.060.30

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British Standards

Full document details: BS EN 60384-16-1:2005

National foreword

This British Standard is the UK implementation of EN 60384-16-1:2005. It is identical to IEC 60384-16-1:2005. It supersedes BS EN 131201:2002 and BS QC 301201:1984 which are withdrawn.

The UK participation in its preparation was entrusted to Technical Committee EPL/40X, Capacitors and resistors for electronic equipment.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

Compliance with a British Standard cannot confer immunity from legal obligations.

This British Standard was published under the authority of the Standards Policy and Strategy Committee on 10 February 2006

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Amendments/corrigenda issued since publication

Date	Comments
31 March 2010	Supersession text amended

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 60384-16-1

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Supersedes EN 131201:2002

English version

Fixed capacitors for use in electronic equipment Part 16-1: Blank detail specification: Fixed metallized polypropylene film dielectric d.c. capacitors - Assessment levels E and EZ

(IEC 60384-16-1:2005)

Condensateurs fixes utilisés dans les équipements électroniques Partie 16-1: Spécification particulière cadre: Condensateurs fixes pour courant continu à diélectrique en film de polypropylène métallisé – Niveaux d'assurances E et EZ (CEI 60384-16-1:2005)

Festkondensatoren zur Verwendung in Geräten der Elektronik Teil 16-1: Vordruck für Bauartspezifikation: Festkondensatoren mit metallisierter Polypropylen-Folie als Dielektrikum für Gleichspannung - Qualitätsbewertungsstufen E und EZ (IEC 60384-16-1:2005)

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

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Ref. No. EN 60384-16-1:2005 E

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Foreword

The text of document 40/1596/FDIS, future edition 2 of IEC 60384-16-1, 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 60384-16-1 on 2005-11-01.

This European Standard supersedes EN 131201:2002.

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.

Endorsement notice

The text of the International Standard IEC 60384-16-1:2005 was approved by CENELEC as a European Standard without any modification.

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FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT –

Part 16-1: Blank detail specification: Fixed metallized polypropylene film dielectric d.c. capacitors – Assessment levels E and EZ

INTRODUCTION

Blank detail specification

A blank detail specification is a supplementary document to the sectional specification and contains requirements for style and layout and minimum content of details specifications. Detail specifications not complying with these requirements may not be considered as being in accordance with IEC specifications nor shall they be so described.

In the preparation of detail specifications the content of 1.4 of the sectional specification shall be taken into account.

The numbers between brackets on the first page correspond to the following information which shall be inserted in the position indicated:

Identification of the detail specification

[1] The "International Electrotechnical commission" or the National Standards Organization under whose authority the detail specification is drafted.

[2] The IEC or National Standards number of the detail specification, date of issue and any further information required by the national system.

[3] The number and issue number of the IEC or national Generic Specification.

[4] The IEC number of the blank detail specification.

Identification of the capacitor

[5] A short description of the type of capacitor.

[6] Information on typical construction (when applicable).

NOTE When the capacitor is not designed for use in printed board applications, this must be clearly stated in the detail specification in this position.

[7] Outline drawing with main dimensions which are of importance for interchangeability and/or reference to the national or international documents for outlines. Alternatively, this drawing may be given in an appendix to the detail specification.

[8] Application or group of applications covered and/or assessment level.

NOTE The assessment level(s) to be used in a detail specification shall be selected from the sectional specification, 3.5.4. This implies that one blank detail specification may be used in combination with several assessment levels provided the grouping of the tests does not change.

[9] Reference data on the most important properties, to allow comparison between the various capacitor types.

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