



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 60384-18-1:2007

ICS 31.060.50

**FIXED CAPACITORS FOR USE IN
ELECTRONIC EQUIPMENT -- PART 18-1:
BLANK DETAIL SPECIFICATION - FIXED
ALUMINIUM ELECTROLYTIC SURFACE
MOUNT CAPACITORS WITH SOLID (MNO₂)
ELECTROLYTE - ASSESSMENT LEVEL EZ
(IEC 60384-18-1:2007 (EQV))**

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EUROPEAN STANDARD

EN 60384-18-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2007

ICS 31.060.50

English version

**Fixed capacitors for use in electronic equipment -
Part 18-1: Blank detail specification -
Fixed aluminium electrolytic surface mount capacitors
with solid (MnO₂) electrolyte -
Assessment level EZ
(IEC 60384-18-1:2007)**

Condensateurs fixes utilisés
dans les équipements électroniques -
Partie 18-1: Spécification
particulière cadre -
Condensateurs fixes électrolytiques
en aluminium pour montage en surface
à électrolyte solide (MnO₂) -
Niveau d'assurance de la qualité EZ
(CEI 60384-18-1:2007)

Festkondensatoren zur Verwendung
in Geräten der Elektronik -
Teil 18-1: Vordruck für Bauartspezifikation -
Oberflächenmontierbare
Aluminium-Elektrolyt-Kondensatoren
mit festem (MnO₂) Elektrolyten -
Bewertungsstufe EZ
(IEC 60384-18-1:2007)

This European Standard was approved by CENELEC on 2007-04-01. 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.

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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 40/1765/CDV, future edition 2 of IEC 60384-18-1, prepared by IEC TC 40, Capacitors and resistors for electronic equipment, was submitted to the IEC-CENELEC parallel Unique Acceptance Procedure and was approved by CENELEC as EN 60384-18-1 on 2007-04-01.

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) 2008-01-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2010-04-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60384-18-1:2007 was approved by CENELEC as a European Standard without any modification.

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 60384-1 (mod)	- ¹⁾	Fixed capacitors for use in electronic equipment - Part 1: Generic specification	EN 60384-1 + corr. October	2001 ²⁾ 2001
IEC 60384-18	- ¹⁾	Fixed capacitors for use in electronic equipment - Part 18: Sectional specification - Fixed aluminium electrolytic surface mount capacitors with solid (MnO ₂) and non-solid electrolyte	EN 60384-18	2007 ²⁾
IEC 60410	- ¹⁾	Sampling plans and procedures for inspection - by attributes		-

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

INTERNATIONAL STANDARD

IEC
60384-18-1

QC 302301

Second edition
2007-03

Fixed capacitors for use in electronic equipment –

Part 18-1:

Blank detail specification –

**Fixed aluminium electrolytic surface mount
capacitors with solid (MnO₂) electrolyte –**

Assessment level EZ



Reference number
IEC 60384-18-1:2007(E)

Publication numbering

As from 1 January 1997 all IEC publications are issued with a designation in the 60000 series. For example, IEC 34-1 is now referred to as IEC 60034-1.

Consolidated editions

The IEC is now publishing consolidated versions of its publications. For example, edition numbers 1.0, 1.1 and 1.2 refer, respectively, to the base publication, the base publication incorporating amendment 1 and the base publication incorporating amendments 1 and 2.

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