



National Standards Authority of Ireland

IRISH STANDARD

**I.S. EN 60939-2-1:2004**

ICS 31.190

33.160

**COMPLETE FILTER UNITS FOR RADIO  
INTERFERENCE SUPPRESSION PART 2-1:  
BLAND DETAIL SPECIFICATION - PASSIVE  
FILTER UNITS FOR ELECTROMAGNETIC  
INTERFERENCE SUPPRESSION - FILTERS  
FOR WHICH SAFETY TESTS ARE REQUIRED  
(ASSESSMENT LEVEL D/DZ) (IEC  
60939-2-1:2004)**

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*This Irish Standard was  
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authority of the National  
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and comes into effect on:  
January 19, 2005*

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EUROPEAN STANDARD

**EN 60939-2-1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2004

ICS 31.190; 33.160

Supersedes EN 133201:1998

English version

**Complete filter units for radio interference suppression  
Part 2-1: Blank detail specification –  
Passive filter units for electromagnetic interference suppression –  
Filters for which safety tests are required  
(assessment level D/DZ)  
(IEC 60939-2-1:2004)**

Filtres complets d'antiparasitage  
Partie 2-1: Spécification particulière cadre -  
Filtres passifs d'antiparasitage –  
Filtres pour lesquels des essais de sécurité  
sont exigés (niveau d'assurance D/DZ)  
(CEI 60939-2-1:2004)

Vollständige Filter zur Unterdrückung von  
Funkstörungen  
Teil 2-1: Vordruck für Bauartspezifikation -  
Passive Filter zur Unterdrückung  
elektromagnetischer Störungen –  
Filter, für die Sicherheitsprüfungen  
vorgeschrieben sind  
(Bewertungsstufe D/DZ)  
(IEC 60939-2-1:2004)

This European Standard was approved by CENELEC on 2004-11-01. 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 40/1466/FDIS, future edition 1 of IEC 60939-2-1, 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 60939-2-1 on 2004-11-01.

This European Standard supersedes EN 133201:1998.

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) | 2005-08-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn   | (dow) | 2007-11-01 |

Annex ZA has been added by CENELEC.

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## Endorsement notice

The text of the International Standard IEC 60939-2-1:2004 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 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 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 60410	- <sup>1)</sup>	Sampling plans and procedures for inspection by attributes	-	-
IEC 60939-1	- <sup>3)</sup>	Passive filter units for electromagnetic interference suppression Part 1: Generic specification	-	-
IEC 60939-2	- <sup>3)</sup>	Part 2: Sectional specification: Passive filter units for which safety tests are appropriate - Test methods and general requirements	-	-

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1) Undated reference.

2) Valid edition at date of issue.

3) At draft stage.



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