

STN	Pasívne filtre na elektromagnetické odrušenie Časť 2: Čiastková špecifikácia Pasívne filtre, pre ktoré sú vhodné bezpečnostné skúšky Skúšobné metódy a základné požiadavky Zmena A1	STN EN 60939-2/A1 35 8281
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Passive filter units for electromagnetic interference suppression Part 2: Sectional specification: Passive filter units for which safety tests are appropriate – Test methods and general requirements

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 02/24

STN EN 60939-2 z októbra 2005 sa bez tejto zmeny A1 môže používať do 21. 9. 2026.

Obsahuje: EN 60939-2:2005/A1:2023, IEC 60939-2:2005/AMD1:2023

138198

Úrad pre normalizáciu, metrológiu a skúšobníctvo Slovenskej republiky, 2024
Slovenská technická norma a technická normalizačná informácia je chránená zákonom č. 60/2018 Z. z. o technickej normalizácii v znení neskorších predpisov.

EUROPEAN STANDARD

EN 60939-2:2005/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2023

ICS 31.160

English Version

**Passive filter units for electromagnetic interference suppression -
Part 2: Sectional specification - Passive filter units for which
safety tests are appropriate - Test methods and general
requirements
(IEC 60939-2:2005/AMD1:2023)**

Filtres passifs d'antiparasitage - Partie 2: Spécification
intermédiaire - Filtres passifs pour lesquels des essais de
sécurité sont appropriés - Méthodes d'essai et exigences
générales
(IEC 60939-2:2005/AMD1:2023)

Passive Filter für die Unterdrückung von
elektromagnetischen Störungen - Teil 2:
Rahmenspezifikation: Filter, für die Sicherheitsprüfungen
vorgeschrieben sind - Prüfverfahren und allgemeine
Anforderungen
(IEC 60939-2:2005/AMD1:2023)

This amendment A1 modifies the European Standard EN 60939-2:2005; it was approved by CENELEC on 2023-09-21. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 CEN-CENELEC Management Centre or to any CENELEC member.

This amendment 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 CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN 60939-2:2005/A1:2023 (E)**European foreword**

The text of document 40/3059/FDIS, future IEC 60939-2/AMD1, prepared by IEC/TC 40 "Capacitors and resistors for electronic equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60939-2:2005/A1:2023.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2024-06-21
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2026-09-21

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Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

Endorsement notice

The text of the International Standard IEC 60939-2:2005/AMD1:2023 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60664-1 NOTE Approved as EN IEC 60664-1

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

The Annex ZA of EN 60939-2:2005 applies with the following changes:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
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Change the following references to dated references:

IEC 60336	2020	Medical electrical equipment - X-ray tube assemblies for medical diagnosis - Focal spot dimensions and related characteristics	EN IEC 60336	2021
IEC 60384-14	2023	Fixed capacitors for use in electronic equipment - Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains	EN IEC 60384-14	2023
IEC 60939-1	2010	Passive filter units for electromagnetic interference suppression - Part 1: Generic specification	EN 60939-1	2010

Move the following references to the Bibliography:

IEC 60384-9	-	Fixed capacitors for use in electronic equipment - Part 9: Sectional specification: Fixed capacitors of ceramic dielectric, Class 2	EN 60384-9	-
IEC 60938-1	2021	Fixed inductors for electromagnetic interference suppression - Part 1: Generic specification	EN IEC 60938-1	2021



IEC 60939-2

Edition 2.0 2023-08

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

**Passive filter units for electromagnetic interference suppression –
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appropriate – Test methods and general requirements**

**Filtres passifs d'antiparasitage –
Partie 2: Spécification intermédiaire – Filtres passifs pour lesquels des essais de
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IEC 60939-2

Edition 2.0 2023-08

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**PASSIVE FILTER UNITS FOR ELECTROMAGNETIC
INTERFERENCE SUPPRESSION –****Part 2: Sectional specification – Passive filter units for which safety tests
are appropriate – Test methods and general requirements****AMENDMENT 1****FOREWORD**

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Amendment 1 to IEC 60939-2:2005 has been prepared by IEC technical committee 40: Capacitors and resistors for electronic equipment.

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

Draft	Report on voting
40/3059/FDIS	40/3072/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this Amendment is English.

IEC 60939-2:2005/AMD1:2023
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This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications/.

A list of all parts in the IEC 60939 series, published under the general title *Passive filter units for electromagnetic interference suppression*, can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

1.2 Normative references

In this subclause, change the following references to dated references:

IEC 60335-1:2020, *Household and similar electrical appliances – Safety – Part 1: General requirements*

IEC 60384-14:2023, *Fixed capacitors for use in electronic equipment – Part 14: Sectional specification – Fixed capacitors for electromagnetic interference suppression and connection to the supply mains*

IEC 60939-1:2010, *Passive filter units for electromagnetic interference suppression – Part 1: Generic specification*

Move the following references to Bibliography because they are not referred to normatively:

IEC 60384-9, *Fixed capacitors for use in electronic equipment – Part 9: Sectional specification: Fixed capacitors of ceramic dielectric, Class 2*

IEC 60938-1:2021, *Fixed inductors for electromagnetic interference suppression – Part 1: Generic specification*

Entry 1.4.3 and Table 2 shall be modified as below to reflect the content of IEC 60384-14:2023:

1.4.3

class Y capacitor

capacitor or RC-unit of a type suitable for use in situations where failure of the capacitor could lead to danger of electric shock.

koniec náhľadu – text ďalej pokračuje v platenej verzii STN