

SLOVENSKI STANDARD

SIST EN IEC 60940:2026

01-oktober-2026

Nadomešča:
SIST EN 60940:2015

Uporaba kondenzatorjev, uporov, tuljav in celotnih filtrskih enot za dušenje elektromagnetnih motenj - Splošna pravila in varnostne zahteve (IEC 60940:2026)

Application of capacitors, resistors, inductors and complete filter units for electromagnetic interference suppression - General rules and safety requirements (IEC 60940:2026)

Grundlagen für die Anwendung von Kondensatoren, Widerständen, Drosseln und vollständigen Filtereinheiten zur Unterdrückung elektromagnetischer Störungen (IEC 60940:2026)

Emploi des condensateurs, résistances, inductances et filtres complets d'antiparasitage - Règles générales et exigences de sécurité (IEC 60940:2026)

Ta slovenski standard je istoveten z: EN IEC 60940:2026

ICS:

31.020	Elektronske komponente na splošno	Electronic components in general
33.100.01	Elektromagnetna združljivost na splošno	Electromagnetic compatibility in general

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 60940

August 2026

ICS 33.100.01

Supersedes EN 60940:2015

English Version

**Application of capacitors, resistors, inductors and complete filter
units for electromagnetic interference suppression - General
rules and safety requirements
(IEC 60940:2026)**

Guide d'emploi des condensateurs, résistances,
inductances et filtres complets d'antiparasitage - Règles
générales et exigences de sécurité
(IEC 60940:2026)

Grundlagen für die Anwendung von Kondensatoren,
Widerständen, Drosseln und vollständigen Filtereinheiten
zur Unterdrückung elektromagnetischer Störungen
(IEC 60940:2026)

This European Standard was approved by CENELEC on 2026-08-04. 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.

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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 IEC 60940:2026 (E)**European foreword**

The text of document 40/3300/FDIS, future edition 3 of IEC 60940, prepared by TC 40 "Capacitors and resistors for electronic equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60940:2026.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2027-08-31 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2029-08-31 document have to be withdrawn

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In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 60068-1:2013	NOTE	Approved as EN 60068-1:2014 (not modified)
IEC 60664-3	NOTE	Approved as EN 60664-3
IEC 60664-4	NOTE	Approved as EN 60664-4
IEC 60721-3-9	NOTE	Approved as EN IEC 60721-3-9
IEC 60938 (series)	NOTE	Approved as EN IEC 60938 (series)
IEC 60938-1	NOTE	Approved as EN IEC 60938-1
IEC 60938-2	NOTE	Approved as EN IEC 60938-2
IEC 61558-2-16:2021	NOTE	Approved as EN IEC 61558-2-16:2025 (not modified)

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.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60384-14	-	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	-
IEC 60664-1	2020	Insulation coordination for equipment within low-voltage supply systems - Part 1: Principles, requirements and tests	EN IEC 60664-1	2020
+ AMD1	2025		+ A1	2025
IEC 60939-3	2024	Passive filter units for electromagnetic interference suppression - Part 3: Passive filter units for which safety tests are appropriate	EN IEC 60939-3	2024
IEC 61140	2016	Protection against electric shock - Common aspects for installation and equipment	EN 61140	2016
IEC Guide 104	-	The preparation of safety publications and the use of basic safety publications and group safety publications	-	-
IEC Guide 116	-	Guidelines for safety related risk assessment and risk reduction for low voltage equipment	-	-
CISPR 17	-	Methods of measurement of the suppression characteristics of passive EMC filtering devices	EN 55017	-
ISO/IEC Guide 51	-	Safety aspects - Guidelines for their inclusion in standards	-	-

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INTERNATIONAL STANDARD

**Application of capacitors, resistors, inductors and complete filter units for
electromagnetic interference suppression - General rules and safety
requirements**

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