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HOONE AUTOMAATIKA- JA JUHTIMISSÜSTEEMID. OSA
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KODU- JA HOONEELEKTROONIKASÜSTEEMIDELE NING
HOONE AUTOMAATIKA- JA JUHTIMISSÜSTEEMIDELE,
MIDA KASUTATAKSE OLME-, KAUBANDUS- JA
VÄIKETÖÖSTUSKESKKONDADES

Home and Building Electronic Systems (HBES) and
Building Automation and Control Systems (BACS) - Part
5-2: EMC requirements for HBES/BACS used in
residential, commercial and light-industrial
environments (IEC 63044-5-2:2017)

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 63044-5-2:2019 sisaldab Euroopa standardi EN IEC 63044-5-2:2019 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 63044-5-2:2019 consists of the English text of the European standard EN IEC 63044-5-2:2019.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 01.11.2019.	Date of Availability of the European standard is 01.11.2019.
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English Version

Home and Building Electronic Systems (HBES) and Building
Automation and Control Systems (BACS) - Part 5-2: EMC
requirements for HBES/BACS used in residential, commercial
and light-industrial environments
(IEC 63044-5-2:2017)

Systèmes Electroniques pour les Foyers Domestiques et
les Bâtiments (HBES) et Systèmes de Gestion Technique
du Bâtiment (SGTB) - Partie 5-2: Exigences CEM relatives
aux HBES/SGTB destinés à être utilisés dans des
environnements résidentiels, commerciaux et de l'industrie
légère
(IEC 63044-5-2:2017)

Allgemeine Anforderungen an die Elektrische
Systemtechnik für Heim und Gebäude (ESHG) und an
Systeme der Gebäudeautomation (GA) - Teil 5-2: EMV-
Anforderungen an ESHG/GA für den Gebrauch in
Wohnbereichen, Geschäfts- und Gewerbebereichen sowie
in Kleinbetrieben
(IEC 63044-5-2:2017)

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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European foreword

The text of document 23/737/CDV, future edition 1 of IEC 63044-5-2, prepared by IEC/TC 23 "Electrical accessories" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63044-5-2:2019.

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) 2020-05-01
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2026-11-01

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

IEC 61000-4-20:2010	NOTE	Harmonized as EN 61000-4-20:2010 (not modified)
IEC 61000-6-1	NOTE	Harmonized as EN IEC 61000-6-1

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.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61000-4-2	-	Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test	EN 61000-4-2	-
IEC 61000-4-3	-	Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test	-	-
IEC 61000-4-4	-	Electromagnetic compatibility (EMC) - Part 4-4: Testing and measurement techniques - Electrical fast transient/burst immunity test	EN 61000-4-4	-
IEC 61000-4-5	-	Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test	EN 61000-4-5	-
IEC 61000-4-6	-	Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields	EN 61000-4-6	-
IEC 61000-4-8	-	Electromagnetic compatibility (EMC) - Part 4-8: Testing and measurement techniques - Power frequency magnetic field immunity test	EN 61000-4-8	-
IEC 61000-4-11	-	Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests	EN 61000-4-11	-
IEC 61000-6-3	-	Electromagnetic compatibility (EMC) - Part 6-3: Generic standards - Emission standard for residential, commercial and light-industrial environments	EN 61000-6-3	-

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 63044-5-1	-	Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-1: EMC requirements, conditions and test set-up	EN IEC 63044-5-1 -	

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) –
Part 5-2: EMC requirements for HBES/BACS used in residential, commercial and light-industrial environments**

**Systèmes Electroniques pour les Foyers Domestiques et les Bâtiments (HBES)
et Systèmes de Gestion Technique du Bâtiment (SGTB) –
Partie 5-2: Exigences CEM relatives aux HBES/SGTB destinés à être utilisés
dans des environnements résidentiels, commerciaux et de l'industrie légère**



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INTERNATIONAL STANDARD

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**HOME AND BUILDING ELECTRONIC SYSTEMS (HBES) AND
BUILDING AUTOMATION AND CONTROL SYSTEMS (BACS) –****Part 5-2: EMC requirements for HBES/BACS used in residential,
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23/737/CDV	23/749/RVC

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

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