

**Electromagnetic Compatibility (EMC) - Part 4-31:
Testing and measurement techniques - AC mains ports
broadband conducted disturbance immunity test**

EESTI STANDARDI EESSÕNA**NATIONAL FOREWORD**

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English Version

Electromagnetic compatibility (EMC) -
Part 4-31: Testing and measurement techniques - AC mains
ports broadband conducted disturbance immunity test
(IEC 61000-4-31:2016)

Compatibilité électromagnétique (CEM) -
Partie 4-31: Techniques d'essai et de mesure - Essai
d'immunité aux perturbations conduites à large bande sur
les accès d'alimentation secteur en courant alternatif
(IEC 61000-4-31:2016)

Elektromagnetische Verträglichkeit (EMV) -
Teil 4-31: Prüf- und Messverfahren - Prüfung der
Störfestigkeit gegen leitungsgeführte breitbandige
Störgrößen an Wechselstrom-Netzanschlüssen
(IEC 61000-4-31:2016)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
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European foreword

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

CISPR 16-1-2 NOTE Harmonized as EN 55016-1-2.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 When 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 60050-161	-	International Electrotechnical Vocabulary (IEV) - Chapter 161: Electromagnetic compatibility	-	-
IEC 61000-4-6	2013	Electromagnetic compatibility (EMC) - Part 4-6: Testing and measurement techniques - Immunity to conducted disturbances, induced by radio-frequency fields	EN 61000-4-6	2014

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INTRODUCTION

IEC 61000 is published in separate parts according to the following structure:

Part 1: General

General considerations (introduction, fundamental principles)

Definitions, terminology

Part 2: Environment

Description of the environment

Classification of the environment

Compatibility levels

Part 3: Limits

Emission limits

Immunity limits (in so far as they do not fall under the responsibility of the product committees)

Part 4: Testing and measurement techniques

Measurement techniques

Testing techniques

Part 5: Installation and mitigation guidelines

Installation guidelines

Mitigation methods and devices

Part 6: Generic standards

Part 9: Miscellaneous

Each part is further subdivided into several parts, published either as International Standards or as Technical Specifications or Technical Reports, some of which have already been published as sections. Others will be published with the part number followed by a dash and a second number identifying the subdivision (example: IEC 61000-6-1).

This part is an International Standard which gives immunity requirements and test procedure related to conducted broadband disturbances.