

Electrostatics - Part 5-3: Protection of electronic devices from electrostatic phenomena - Properties and requirements classification for packaging intended for electrostatic discharge sensitive devices

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 61340-5-3:2015 sisaldab Euroopa standardi EN 61340-5-3:2015 ingliskeelset teksti.	This Estonian standard EVS-EN 61340-5-3:2015 consists of the English text of the European standard EN 61340-5-3:2015.
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.
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English Version

**Electrostatics - Part 5-3: Protection of electronic devices from
electrostatic phenomena - Properties and requirements
classification for packaging intended for electrostatic discharge
sensitive devices
(IEC 61340-5-3:2015)**

Électrostatique - Partie 5-3: Protection des dispositifs
électroniques contre les phénomènes électrostatiques -
Classification des propriétés et des exigences relatives à
l'emballage destiné aux dispositifs sensibles aux décharges
électrostatiques
(IEC 61340-5-3:2015)

Elektrostatik - Teil 5-3: Schutz von elektronischen
Bauelementen gegen elektrostatische Phänomene -
Eigenschaften und Anforderungen für die Klassifizierung
von Verpackungen, welche für Bauelemente verwendet
werden, die gegen elektrostatische Entladungen
empfindlich sind
(IEC 61340-5-3:2015)

This European Standard was approved by CENELEC on 2015-08-20. 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 CEN-CENELEC Management Centre or to any CENELEC member.

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

European foreword

The text of document 101/428/CDV, future edition 2 of IEC 61340-5-3, prepared by IEC/TC 101 "Electrostatics" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 61340-5-3:2015.

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) 2016-05-20
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2018-08-20

This document supersedes EN 61340-5-3:2010.

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Endorsement notice

The text of the International Standard IEC 61340-5-3:2015 was approved by CENELEC as a European Standard without any modification.

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

IEC 61340-5-1	NOTE	Harmonized as EN 61340-5-1.
IEC 60749-26	NOTE	Harmonized as EN 60749-26.

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 60417	-	Graphical symbols for use on equipment	-	-
IEC 61340-2-3	-	Electrostatics - Part 2-3: Methods of test for determining the resistance and resistivity of solid planar materials used to avoid electrostatic charge accumulation	EN 61340-2-3	-
IEC 61340-4-8	-	Electrostatics - Part 4-8: Standard test methods for specific applications - Electrostatic discharge shielding - Bags	EN 61340-4-8	-
IEC 61340-4-10	-	Electrostatics - Part 4-10: Standard test methods for specific applications - Two-point resistance measurement	-	-

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INTRODUCTION

Packaging is necessary to protect electrostatic discharge sensitive devices (ESDS) from physical and environmental damage during manufacture, transportation and storage.

Additionally, packaging for ESDS should also prevent damage from static electricity.

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