



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61340-3-2:2007

ICS 17.220.99
29.020

**ELECTROSTATICS -- PART 3-2: METHODS
FOR SIMULATION OF ELECTROSTATIC
EFFECTS - MACHINE MODEL (MM)
ELECTROSTATIC DISCHARGE TEST
WAVEFORMS (IEC 61340-3-2:2006 (EQV))**

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61340-3-2

March 2007

ICS 17.220.99; 29.020

Supersedes EN 61340-3-2:2002

English version

**Electrostatics -
Part 3-2: Methods for simulation of electrostatic effects -
Machine model (MM) electrostatic discharge test waveforms
(IEC 61340-3-2:2006)**

Électrostatique -
Partie 3-2: Méthodes pour la simulation
des effets électrostatiques -
Formes d'onde d'essai des décharges
électrostatiques pour les modèles
de machine (MM)
(CEI 61340-3-2:2006)

Elektrostatik -
Teil 3-2: Verfahren zur Simulation
elektrostatischer Effekte -
Prüfwellenformen der elektrostatischen
Entladung für das Machine Model (MM)
(IEC 61340-3-2:2006)

This European Standard was approved by CENELEC on 2007-02-01. 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 Central Secretariat or to any CENELEC member.

This European Standard 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 Central Secretariat has the same status as the official versions.

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CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

Foreword

The text of document 101/237/FDIS, future edition 2 of IEC 61340-3-2, prepared by IEC TC 101, Electrostatics, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61340-3-2 on 2007-02-01.

This European Standard supersedes EN 61340-3-2:2002.

The major change of EN 61340-3-2:2007 is that it no longer contains the application to semiconductor devices.

It recognizes the direction of the IEC SMB (Standardization Management Board) in terms of considering inputs from TC 47 documents with regard to ESD test methods. TC 101 has revised this IEC 61340-3-2, concerning the machine model, in collaboration with the JWG of TC 47/TC 101. IEC 61340-3-2 incorporates TC 47 input, based on the corresponding TC 47 IEC 60749-27.

The following dates were fixed:

- latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement (dop) 2007-11-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2010-02-01

Endorsement notice

The text of the International Standard IEC 61340-3-2:2006 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 60749-27 NOTE Harmonized as EN 60749-27:2006 (not modified).

**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

61340-3-2

Deuxième édition
Second edition
2006-12

Électrostatique –

**Partie 3-2:
Méthodes pour la simulation
des effets électrostatiques –
Formes d'onde d'essai des décharges
électrostatiques pour les modèles de
machine (MM)**

Electrostatics –

**Part 3-2:
Methods for simulation of electrostatic effects –
Machine model (MM) electrostatic discharge
test waveforms**



Numéro de référence
Reference number
CEI/IEC 61340-3-2:2006

Numérotation des publications

Depuis le 1er janvier 1997, les publications de la CEI sont numérotées à partir de 60000. Ainsi, la CEI 34-1 devient la CEI 60034-1.

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