



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 62194:2005

ICS 31.240

METHOD OF EVALUATING THE THERMAL PERFORMANCE OF ENCLOSURES

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EUROPEAN STANDARD

EN 62194

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2005

ICS 31.240

English version

Method of evaluating the thermal performance of enclosures
(IEC 62194:2005)

Méthode d'évaluation de la performance
thermique des enveloppes
(CEI 62194:2005)

Verfahren zur Bewertung
der Wärmeleistung von Gehäusen
(IEC 62194:2005)

This European Standard was approved by CENELEC on 2005-09-01. 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

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Foreword

The text of document 48D/324/FDIS, future edition 1 of IEC 62194, prepared by SC 48D, Mechanical structures for electronic equipment, of IEC TC 48, Electromechanical components and mechanical structures for electronic equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62194 on 2005-09-01.

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) 2006-06-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2008-09-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62194:2005 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 60297-2	NOTE	Harmonized as HD 493.2 S1:1988 (not modified).
IEC 60721	NOTE	Harmonized in EN 60721 series (not modified).
IEC 60917-2	NOTE	Harmonized as EN 60917-2:1994 (not modified).
IEC 61587-1	NOTE	Harmonized as EN 61587-1:1999 (not modified).
IEC 61969-1	NOTE	Harmonized as EN 61969-1:2000 (not modified).
IEC 61969-2	NOTE	Harmonized as EN 61969-2:2000 (not modified).
IEC 61969-3	NOTE	Harmonized as EN 61969-3:2001 (not modified).

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 Where an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60297	Series	Mechanical structures for electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series	EN 60297	Series
IEC 60721-2-4	- 1)	Classification of environmental conditions Part 2: Environmental conditions appearing in nature - Solar radiation and temperature	HD 478.2.4 S1	1989 2)
IEC 60917	Series	Modular order for the development of mechanical structures for electronic equipment practices	EN 60917	Series
IEC 61969	Series	Mechanical structures for electronic equipment - Outdoor enclosures	EN 61969	Series

1) Undated reference.

2) Valid edition at date of issue.

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