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Údarás um Chaighdeáin Náisiúnta na hÉireann

IRISH STANDARD

I.S. EN 62421:2007

ICS 31.190

ELECTRONICS ASSEMBLY TECHNOLOGY
- ELECTRONIC MODULES (IEC 62421:2007
(EQV))

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ICS 31.190

English version

**Electronics assembly technology -
Electronic modules
(IEC 62421:2007)**

Techniques d'assemblage
des composants électroniques -
Modules électroniques
(CEI 62421:2007)

Montageverfahren
für elektronische Baugruppen -
Elektronikmodule
(IEC 62421:2007)

This European Standard was approved by CENELEC on 2007-10-01. 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, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the 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 91/689/FDIS, future edition 1 of IEC 62421, prepared by IEC TC 91, Electronics assembly technology, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62421 on 2007-10-01.

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) 2008-07-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2010-10-01

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62421:2007 was approved by CENELEC as a European Standard without any modification.

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 When 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 60068	Series	Environmental testing	EN 60068-1	Series
IEC 60068-1	1988	Environmental testing - Part 1: General and guidance	EN 60068-1 ¹⁾	1994
IEC 60068-2-1	- ²⁾	Environmental testing - Part 2-1: Tests - Test A: Cold	EN 60068-2-1	2007 ³⁾
IEC 60068-2-2	- ²⁾	Environmental testing - Part 2-2: Tests - Test B: Dry heat	EN 60068-2-2	2007 ³⁾
IEC 60068-2-6	- ²⁾	Environmental testing - Part 2-6: Tests - Test Fc: Vibration (sinusoidal)	EN 60068-2-6	1995 ³⁾
IEC 60068-2-14	- ²⁾	Environmental testing - Part 2-14: Tests - Test N: Change of temperature	EN 60068-2-14	1999 ³⁾
IEC 60068-2-20	- ²⁾	Environmental testing - Part 2-20: Tests - Test T: Soldering	HD 323.2.20 S3	1988 ³⁾
IEC 60068-2-21	- ²⁾	Environmental testing - Part 2-21: Tests - Test U: Robustness of terminations and integral mounting devices	EN 60068-2-21	2006 ³⁾
IEC 60068-2-27	- ²⁾	Environmental testing - Part 2-27: Tests - Test Ea and guidance: Shock	EN 60068-2-27	1993 ³⁾
IEC 60068-2-45	- ²⁾	Environmental testing - Part 2-45: Tests - Test Xa and guidance: Immersion in cleaning solvents	EN 60068-2-45	1992 ³⁾
IEC 60068-2-58	- ²⁾	Environmental testing - Part 2-58: Tests - Test Td: Test methods for solderability, resistance to dissolution of metallization and to soldering heat of surface mounting devices (SMD)	EN 60068-2-58 + corr. December	2004 ³⁾ 2004
IEC 60068-2-78	- ²⁾	Environmental testing - Part 2-78: Tests - Test Cab: Damp heat, steady state	EN 60068-2-78	2001 ³⁾

¹⁾ EN 60068-1 includes corrigendum October 1988 + A1:1992 to IEC 60068-1.

²⁾ Undated reference.

³⁾ Valid edition at date of issue.

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<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
ISO 3	- ²⁾	Preferred numbers - Series of preferred numbers	-	-

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