



National Standards Authority of Ireland

IRISH STANDARD

I.S. EN 61537:2007

ICS 29.120.10

**CABLE MANAGEMENT - CABLE TRAY
SYSTEMS AND CABLE LADDER SYSTEMS
(IEC 61537:2006 (EQV))**

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Údarás um Chaighdeán Náisiúnta na hÉireann

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 61537

January 2007

ICS 29.120.10

Supersedes EN 61537:2001

English version

**Cable management -
Cable tray systems and cable ladder systems
(IEC 61537:2006)**

Systèmes de câblage -
Systèmes de chemin de câbles
et systèmes d'échelle à câbles
(CEI 61537:2006)

Führungssysteme für Kabel
und Leitungen -
Kabelträgersysteme
für elektrische Installationen
(IEC 61537:2006)

This European Standard was approved by CENELEC on 2006-12-01. 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, 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

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

Foreword

The text of document 23A/513/FDIS, future edition 2 of IEC 61537, prepared by SC 23A, Cable management systems, of IEC TC 23, Electrical accessories, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61537 on 2006-12-01.

This European Standard supersedes EN 61537:2001.

It incorporates additional tables, annexes and figures as well as revisions to such that appeared in EN 61537:2001. In places, the text has been substantially altered including:

- the classification system,
- tests for resistance against corrosion,
- re-written SWL test procedure,
- re-written section on electrical non-conductivity.

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) | 2007-09-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2009-12-01 |

Annexes ZA and ZB have been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61537:2006 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 60093 | NOTE Harmonized as HD 429 S1:1983 (not modified). |
| ISO 14713 | NOTE Harmonized as EN ISO 14713:1999 (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 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 60068-2-75 | 1997 | Environmental testing Part 2-75: Tests - Test Eh: Hammer tests | EN 60068-2-75 | 1997 |
| IEC 60364-5-52 | 2001 | Electrical installations of buildings Part 5-52: Selection and erection of electrical equipment - Wiring systems | - | - |
| IEC 60695-2-11 | 2000 | Fire hazard testing Part 2-11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products | EN 60695-2-11 | 2001 |
| IEC 60695-11-2 | 2003 | Fire hazard testing Part 11-2: Test flames - 1 kW nominal pre- mixed flame - Apparatus, confirmatory test arrangement and guidance | EN 60695-11-2 | 2003 |
| ISO 1461 | 1999 | Hot dip galvanized coatings on fabricated iron and steel articles - Specifications and test methods | EN ISO 1461 | 1999 |
| ISO 2178 | 1982 | Non-magnetic coatings on magnetic substrates - Measurement of coating thickness - Magnetic method | EN ISO 2178 | 1995 |
| ISO 2808 | 1997 | Paints and varnishes - Determination of film thickness | EN ISO 2808 | 1999 |
| ISO 4046 | Series | Paper, board, pulp and related terms - Vocabulary | - | - |
| ISO 9227 ¹⁾ | 1990 | Corrosion tests in artificial atmospheres - Salt - spray tests | - | - |
| ISO 10289 | 1999 | Methods for corrosion testing of metallic and other inorganic coatings on metallic substrates - Rating of test specimens and manufactured articles subjected to corrosion tests | EN ISO 10289 | 2001 |

¹⁾ ISO 9227 is superseded by ISO 9227:2006.

Annex ZB (informative)

A-deviations

A-deviation: National deviation due to regulations, the alteration of which is for the time being outside the competence of the CENELEC member.

This European Standard falls under Directive 73/23/EEC.

NOTE (from CEN/CENELEC IR Part 2:2006, 2.17) Where standards fall under EC Directives, it is the view of the Commission of the European Communities (OJ No C 59, 1982-03-09) that the effect of the decision of the Court of Justice in case 815/79 Cremonini/Vrankovich (European Court Reports 1980, p. 3583) is that compliance with A-deviations is no longer mandatory and that the free movement of products complying with such a standard should not be restricted except under the safeguard procedure provided for in the relevant Directive.

A-deviations in an EFTA-country are valid instead of the relevant provisions of the European Standard in that country until they have been removed.

| <u>Clause</u> | <u>Deviation</u> |
|---------------|------------------|
|---------------|------------------|

| | |
|--------------|--|
| 6.2.1 | France (Decree from Equipment and Accommodation Minister for low voltage installations dated 22 October 1969) |
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Classification not allowed.

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|----------------|--|
| Annex C | France (Decree from Equipment and Accommodation Minister for low voltage installations dated 22 October 1969) |
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The use of cable tray systems and cable ladder systems as a PE conductor is not allowed.

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