



NSAI
Standards

Irish Standard
I.S. EN 61386-1:2008

Conduit systems for cable management -- Part 1: General requirements (IEC 61386-1:2008 (EQV))

I.S. EN 61386-1:2008

Incorporating amendments/corrigenda issued since publication:

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English version

**Conduit systems for cable management -
Part 1: General requirements
(IEC 61386-1:2008)**

Systèmes de conduits
pour la gestion du câblage -
Partie 1: Exigences générales
(CEI 61386-1:2008)

Elektroinstallationsrohrsysteme
für elektrische Energie
und für Informationen -
Teil 1: Allgemeine Anforderungen
(IEC 61386-1:2008)

This European Standard was approved by CENELEC on 2008-06-01. 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

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

I.S. EN 61386-1:2008

EN 61386-1:2008

- 2 -

Foreword

The text of document 23A/553/FDIS, future edition 2 of IEC 61386-1, 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 61386-1 on 2008-06-01.

This European Standard supersedes EN 61386-1:2004 + corrigendum April 2004.

The changes to EN 61386-1:2004 are as follows:

- change to the length of the test specimen between fittings for the tensile test,
- editorial and normative reference updates.

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) 2009-03-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2011-06-01

This Part 1 is to be used in conjunction with the appropriate Part 2, which contains clauses to supplement or modify the corresponding clauses in Part 1, to provide the relevant particular requirements for each type of product. A conduit system which conforms to this standard is deemed safe for use.

In this publication, the following print types are used:

- Requirements proper: in roman type.
- *Test specifications: in italic type.*
- Explanatory matter: in smaller roman type.

For this European Standard the references to Austria and Australia in Subclauses 6.5.2 and 13.1.4 of IEC 61386-1:2008 shall be disregarded and have been replaced by the normative Annex ZB, *Special national conditions*.

Annexes ZA and ZB have been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61386-1:2008 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 60670	NOTE Harmonized in EN 60670 series (modified).
IEC 60754-1 & IEC 60754-2	NOTE See EN 50267 series, <i>Common test methods for cables under fire conditions - Tests on gases evolved during combustion of materials from cables</i> .

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 60417	Data-base	Graphical symbols for use on equipment	-	-
IEC 60423	2007	Conduit systems for cable management - Outside diameters of conduits for electrical installations and threads for conduits and fittings	EN 60423	2007
IEC 60529	1989	Degrees of protection provided by enclosures (IP Code)	EN 60529	1991
A1	1999		+ corr. May A1	1993 2000
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

Annex ZB
(normative)

Special national conditions

Special national condition: National characteristic or practice that cannot be changed even over a long period, e.g. climatic conditions, electrical earthing conditions.

NOTE If it affects harmonization, it forms part of the European Standard / Harmonization Document.

For the countries in which the relevant special national conditions apply these provisions are normative, for other countries they are informative.

<u>Clause</u>	<u>Special national condition</u>
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6.5.2	Austria
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Conduits and conduit fittings may be classified with low acid gas emission.

13.1.4	Austria
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Conduits and conduit fittings classified as low acid gas emission shall be tested in accordance with EN 50267-1 and EN 50267-2-2.

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