



**NSAI**  
Standards

Irish Standard  
I.S. EN 50085-2-2:2008

Cable trunking systems and cable ducting systems for electrical installations -- Part 2-2: Particular requirements for cable trunking systems and cable ducting systems intended for mounting underfloor, flushfloor, or onfloor

## I.S. EN 50085-2-2:2008

*Incorporating amendments/corrigenda issued since publication:*

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<b>NSAI</b> 1 Swift Square, Northwood, Santry Dublin 9	T +353 1 807 3800 F +353 1 807 3838 E standards@nsai.ie W NSAI.ie	<b>Sales:</b> T +353 1 857 6730 F +353 1 857 6729 W standards.ie	<b>Price Code:</b> J
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EUROPEAN STANDARD

**EN 50085-2-2**

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2008

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ICS 29.120.10

English version

**Cable trunking systems and cable ducting systems  
for electrical installations -  
Part 2-2: Particular requirements for cable trunking systems  
and cable ducting systems intended for mounting underfloor,  
flushfloor, or onfloor**

Systèmes de goulottes  
et systèmes de conduits-profilés  
pour installations électriques -  
Partie 2-2: Règles particulières  
pour les systèmes de goulottes  
et systèmes de conduits-profilés  
prévus pour être montés en sous-sol,  
encastrés dans le sol, ou sur le sol

Elektroinstallationskanalsysteme  
für elektrische Installationen -  
Teil 2-2: Besondere Anforderungen  
für Elektroinstallationskanalsysteme  
für die Montage unterboden,  
bodenbündig, oder aufboden

This European Standard was approved by CENELEC on 2008-10-01. 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

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

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## Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 213, Cable Management Systems.

The text of the draft was submitted to the formal vote and was approved by CENELEC as EN 50085-2-2 on 2008-10-01.

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) 2009-10-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2011-10-01

This European Standard is a system standard for cable management products used for electro-technical purposes. It relates to the Council Directives on the approximation of laws, regulations and administrative provisions of the Member States relating to Low Voltage Directive 2006/95/EC through consideration of the essential requirements of this directive.

This European Standard is supported by separate standards to which references are made.

This Part 2-2 is to be used in conjunction with EN 50085-1:2005 “Cable trunking systems and cable ducting systems for electrical installations - Part 1: General requirements”.

This Part 2-2 supplements or modifies the corresponding clauses of EN 50085-1:2005. Where a particular clause or subclause of Part 1 is not mentioned in this Part 2, that clause or subclause of Part 1 applies as far as it is reasonable. Where this Part 2 states “addition” or “replacement”, the relevant text of Part 1 is to be adapted accordingly.

NOTE The following numbering system is used:

- subclauses, tables and figures that are additional to those in Part 1 are numbered starting from 101;
  - additional annexes are lettered AA, BB, etc.
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## **1 Scope**

### ***Replacement:***

This European Standard specifies requirements and tests for cable trunking systems (CTS) and cable ducting systems (CDS) intended for the accommodation, and where necessary for the electrically protective separation, of insulated conductors, cables and possibly other electrical equipment in electrical and/or communication systems installations. The maximum voltage of these installations is 1 000 V a.c. and 1 500 V d.c.

These systems are intended for mounting underfloor, flushfloor or onfloor.

This standard does not apply to CTS/CDS which are intended to be fixed to the wall and supported by the floor.

This standard does not apply to conduit systems, cable tray systems, cable ladder systems, power track systems or equipment covered by other standards.

This standard shall be used in conjunction with EN 50085-1:2005, Cable trunking systems and cable ducting systems for electrical installations – Part 1: General requirements, which is referred to in this document as Part 1.

## **2 Normative references**

This clause of Part 1 is applicable except as follows:

**Add** the following normative references:

EN 60068-2-60	1996	Environmental testing – Part 2: Tests - Test Ke: Flowing mixed gas corrosion test (IEC 60068-2-60:1995)
EN 60068-2-75	1997	Environmental testing – Part 2-75: Tests - Test Eh: Hammer tests (IEC 60068-2-75:1997)

## **3 Definitions**

This clause of Part 1 is applicable except as follows:

### **3.1 Replace** the note by:

NOTE Different types of CTS are shown in Figure 101 and explained in Clause A.2.

### **3.2 Replace** the note by:

NOTE Different types of CDS are shown in Figure 101 and explained in Clause A.2.

### **3.3 Add:**

f) service unit

**Replace** the note by:

NOTE A system does not necessarily include all system components a) to f). Different combinations of system components may be used.

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