



NSAI
Standards

Irish Standard
I.S. EN 50085-2-3:2010

Cable trunking systems and cable ducting systems for electrical installations -- Part 2-3: Particular requirements for slotted cable trunking systems intended for installation in cabinets

I.S. EN 50085-2-3:2010

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SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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EUROPEAN STANDARD
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EN 50085-2-3

March 2010

ICS 29.120.10

Supersedes EN 50085-2-3:1999

English version

**Cable trunking systems and cable ducting systems
for electrical installations -
Part 2-3: Particular requirements for slotted cable trunking
systems intended for installation in cabinets**

Systèmes de goulottes et systèmes
de conduits-profilés pour installations
électriques -
Partie 2-3: Règles particulières
pour les systèmes de goulottes
de câblage pour installation
dans les armoires

Elektroinstallationskanalsysteme
für elektrische Installationen -
Teil 2-3: Besondere Anforderungen
an Verdrahtungskanäle zum Einbau
in Schaltschränke

This European Standard was approved by CENELEC on 2010-03-01. 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, Croatia, 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: Avenue Marnix 17, B - 1000 Brussels

Foreword

This European Standard was prepared by the Technical Committee CENELEC TC 213, Cable management systems. It was submitted to the formal vote and was approved by CENELEC as EN 50085-2-3 on 2010-03-01.

This document supersedes EN 50085-2-3:1999 and is aligned on EN 50085-1:2005.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

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) 2011-03-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2013-03-01

This European Standard is a system standard for cable management products used for electro-technical purposes. It relates to the Council Directive 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 2-3 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 2-3 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 applies as far as it is reasonable. Where this Part 2 states "addition", "modification" 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.

Slotted cable trunking systems are intended for mounting inside cabinets in electrical and/or communication system installations.

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

This European 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. Wherever reference is made in this European Standard to EN 50085-1:2005 this does not apply to cable ducting systems.

2 Normative references

Replacement:

EN 50085-1	2005	Cable trunking systems and cable ducting systems for electrical installations – Part 1: General requirements
EN 50085-2-3	1999	Cable trunking systems and cable ducting systems for electrical installations – Part 2-3: Particular requirements for slotted cable trunking systems intended for installation in cabinets
EN 60695-11-5	2005	Fire hazard testing – Part 11-5: Test flames – Needle-flame test method – Apparatus, confirmatory test arrangement and guidance (IEC 60695-11-5:2004)
HD 383 S2	1986 ¹⁾	Conductors of insulated cables – First supplement: Guide to the dimensional limits of circular conductors (IEC 60228:1978, mod. + IEC 60228A:1982, mod.)

3 Definitions

For the purposes of this document, the terms and definitions of Part 1 apply except as follows.

Addition:

3.101

slotted cable trunking system

system comprising a slotted trunking length and possibly other slotted cable trunking system components for the accommodation and laying in of insulated conductors or cables intended for use in a cabinet or similar

¹⁾ Superseded by EN 60228:2005, *Conductors of insulated cables* (IEC 60228:2004).

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