is ocunen.

Elektripaigaldiste kaablirenni- ja kaablitorusüsteemid. Osa 2-1: Seinale ja lakke paigaldatavad kaablirenni- ja kaablitorusüsteemid

Cable trunking systems and cable ducting systems for electrical installations Part 2-1: Cable trunking systems and cable ducting systems intended for mounting on walls and ceilings



EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 50085-	This Estonian standard EVS-EN 50085-2-
2-1:2006 sisaldab Euroopa standardi EN	1:2006 consists of the English text of the
50085-2-1:2006 ingliskeelset teksti.	European standard EN 50085-2-1:2006.
Käesolev dokument on jõustatud	This document is endorsed on 27.11.2006
27.11.2006 ja selle kohta on avaldatud	with the notification being published in the
teade Eesti standardiorganisatsiooni	official publication of the Estonian national
ametlikus väljaandes.	standardisation organisation.
Standard on kättesaadav Eesti	The standard is available from Estonian
standardiorganisatsioonist.	standardisation organisation.

Käsitlusala:	Scope:
This European Standard specifies	This European Standard specifies
requirements and tests for cable trunking	requirements and tests for cable trunking
systems (CTS) and cable ducting systems	systems (CTS) and cable ducting systems
(CDS) intended for the accommodation,	(CDS) intended for the accommodation,
and where necessary for the electrically	and where necessary for the electrically
protective separation, of insulated	protective separation, of insulated
conductors, cables and possibly other	conductors, cables and possibly other
electrical equipment in electrical and/or	electrical equipment in electrical and/or
communication systems installations. The	communication systems installations. The
maximum voltage of these installations is	maximum voltage of these installations is
1 000 V a.c. and 1 500 V d.c.	1 000 V a.c. and 1 500 V d.c.
ICS 29.120.10 Võtmesõnad:	

EUROPEAN STANDARD

EN 50085-2-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

October 2006

ICS 29.120.10

English version

Cable trunking systems and cable ducting systems for electrical installations Part 2-1: Cable trunking systems and cable ducting systems intended for mounting on walls and ceilings

Systèmes de goulottes et systèmes de conduits-profilés pour installations électriques

Partie 2-1: Systèmes de goulottes et systèmes de conduits-profilés prévus pour être montés sur les murs et les plafonds

Elektroinstallationskanalsysteme für elektrische Installationen Teil 2-1: Besondere Anforderungen für Elektroinstallationskanalsysteme für Wand und Decke

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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.

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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.

The text of the draft was submitted to the formal vote and was approved by CENELEC as EN 50085-2-1 on 2006-10-01.

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)	2007-10-01
_	latest date by which the national standards conflicting with the EN have to be withdrawn	(dow)	2009-10-01

This 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 (73/23/EEC) through consideration of the essential requirements of this directive.

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

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

This Part 2 supplements or modifies the corresponding clauses of Part 1. 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 is reasonable. Where this Part 2 states "addition" or "replacement", the relevant text of Part 1 is to be adapted accordingly.

Subclauses and figures which are additional to those in Part 1 are numbered starting from 101.

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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 on walls and/or ceilings. They may be embedded, installed in a flush or semi-flush state, surface mounted or mounted away from the surface using fixing devices.

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:

Addition:

EN 60068-2-75	1997	Environmental testing - Part 2-75: Tests - Test Eh: Hammer tests (IEC 60068-2-75:1997)
EN 20535	1994	Paper and board - Determination of water absorptiveness - Cobb method (ISO 535:1991)
EN ISO 536	1996	Paper and board – Determination of grammage (ISO 536:1995)

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 Annex A.1.

3.2 Replace the note by:

NOTE Different types of CDS are shown in Figure 101 and explained in Annex A.1.

Addition:

3.101

type 2 CTS/CDS (Distribution CTS/CDS)

CTS/CDS which provides at least the following functions:

- in line junction between two trunking lengths or ducting lengths,
- internal and external changes of direction between two trunking lengths or ducting lengths,