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SEINALE JA LAKKE PAIGALDATAVAD AVATAVAD JA
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Cable trunking systems and cable ducting systems for
electrical installations - Part 2-1: Particular
requirements - Cable trunking systems and cable
ducting systems intended for mounting on walls and
ceilings

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>See Eesti standard EVS-EN IEC 61084-2-1:2024 sisaldab Euroopa standardi EN IEC 61084-2-1:2024 ingliskeelset teksti.</p> <p>Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.</p> <p>Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 13.09.2024.</p> <p>Standard on kättesaadav Eesti Standardimis- ja Akrediteerimiskeskusest.</p>	<p>This Estonian standard EVS-EN IEC 61084-2-1:2024 consists of the English text of the European standard EN IEC 61084-2-1:2024.</p> <p>This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.</p> <p>Date of Availability of the European standard is 13.09.2024.</p> <p>The standard is available from the Estonian Centre for Standardisation and Accreditation.</p>
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ICS 29.060.01, 29.120.10

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EN IEC 61084-2-1

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2024

ICS 29.060.01; 29.120.10

Supersedes EN 50085-2-1:2006; EN 50085-2-1:2006/A1:2011

English Version

**Cable trunking systems and cable ducting systems for electrical installations - Part 2-1: Particular requirements - Cable trunking systems and cable ducting systems intended for mounting on walls and ceilings
(IEC 61084-2-1:2017)**

Systèmes de goulottes et systèmes de conduits-profilés pour installations électriques - Partie 2-1 : Exigences particulières - Systèmes de goulottes et systèmes de conduits-profilés prévus pour être montés sur les murs et les plafonds
(IEC 61084-2-1:2017)

Installationskanalsysteme für elektrische Installationen - Teil 2-1: Besondere Anforderungen - Installationskanalsysteme für Wand- und Deckenmontage
(IEC 61084-2-1:2017)

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

This document (EN IEC 61084-2-1:2024) consists of the text of document IEC 61084-2-1:2017, prepared by SC 23A "Cable management systems" of IEC/TC 23 "Electrical accessories".

The following dates are fixed:

- latest date by which this document has to be (dop) 2025-08-05 implemented at national level by publication of an identical national standard or by endorsement
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INTERNATIONAL STANDARD

NORME INTERNATIONALE

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systems intended for mounting on walls and ceilings**

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conduits-profilés prévus pour être montés sur les murs et les plafonds**



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**CABLE TRUNKING SYSTEMS AND CABLE DUCTING
SYSTEMS FOR ELECTRICAL INSTALLATIONS –****Part 2-1: Particular requirements – Cable trunking systems and cable
ducting systems intended for mounting on walls and ceilings**

FOREWORD

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International Standard IEC 61084-2-1 has been prepared by subcommittee 23A: Cable management systems, of IEC technical committee 23: Electrical accessories.

This second edition cancels and replaces the first edition published in 1996. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- classification;
- construction;
- mechanical and electrical properties.

This International Standard is to be used in conjunction with IEC 61084-1:2017.

The text of this standard is based on the following documents:

FDIS	Report on voting
23A/827/FDIS	23A/834/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

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CABLE TRUNKING SYSTEMS AND CABLE DUCTING SYSTEMS FOR ELECTRICAL INSTALLATIONS –

Part 2-1: Particular requirements – Cable trunking systems and cable ducting systems intended for mounting on walls and ceilings

1 Scope

This part of the IEC 61084 series 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 AC and 1 500 V DC.

These systems are intended for mounting on walls and/or ceilings. They can be embedded, installed in a flush or semi-flush state, surface mounted or mounted away from the surface using fixing devices.

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

2 Normative references

This clause of Part 1 is applicable, except as follows:

Addition:

IEC 60068-2-75:2014, *Environmental testing – Part 2-75: Tests – Test Eh: Hammer tests*

IEC 60228:2004, *Conductors of insulated cables*

IEC 61084-1:2017, *Cable trunking systems and cable ducting systems for electrical installations – Part 1: General requirements*

ISO 535:2014, *Paper and board – Determination of water absorptiveness – Cobb method*

ISO 536:2012, *Paper and board – Determination of grammage*

3 Terms and definitions

This clause of Part 1 is applicable, except as follows:

3.1 Replace Note 1 to entry by:

Note 1 to entry: Different types of CTS are shown in Figure 101 and explained in Annexe A.

3.2 Replace Note 1 to entry by:

Note 1 to entry: Different types of CDS are shown in Figure 101 and explained in Annex A.