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## Installationskanalsystem för elektriska installationer – Del 2-3: Särskilda fordringar på slitsade kanaler för användning i kopplingsutrustningar

*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*

Som svensk standard gäller europastandarden EN IEC 61084-2-3:2024. Den svenska standarden innehåller de officiella engelska språkversionerna av EN IEC 61084-2-3:2024 och EN IEC 61084-2-3:2024/A11:2024.

### Nationellt förord

Europastandarden EN IEC 61084-2-3:2024

består av:

- **europastandardens ikraftsättningsdokument**, utarbetat inom CENELEC
- **IEC 61084-2-3, First edition, 2017 - 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**

utarbetad inom International Electrotechnical Commission, IEC.

Standarden ska användas tillsammans med SS-EN IEC 61084-1+A11, utg 1:2024.

Tidigare fastställd svensk standard SS-EN 50085-2-3, utg 2:2010 med eventuella tillägg, ändringar och rättelser gäller ej fr o m 2029-08-05.

## Standarder underlättar utvecklingen och höjer elsäkerheten

Det finns många fördelar med att ha gemensamma tekniska regler för bl a mätning, säkerhet och provning och för utförande, skötsel och dokumentation av elprodukter och elanläggningar.

Genom att utforma sådana standarder blir säkerhetsfordringar tydliga och utvecklingskostnaderna rimliga samtidigt som marknadens acceptans för produkten eller tjänsten ökar.

Många standarder inom elområdet beskriver tekniska lösningar och metoder som åstadkommer den elsäkerhet som föreskrivs av svenska myndigheter och av EU.

## SEK är Sveriges röst i standardiseringsarbetet inom elområdet

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SEK samordnar svenska intressenters medverkan i SEKs tekniska kommittéer och stödjer svenska experters medverkan i internationella och europeiska projekt.

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Utformningen av standarder sker i allt väsentligt i internationellt och europeiskt samarbete. SEK är svensk nationalkommitté av International Electrotechnical Commission (IEC) och Comité Européen de Normalisation Electrotechnique (CENELEC).

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Arbetet i de tekniska kommittéerna är öppet för alla svenska organisationer, företag, institutioner, myndigheter och statliga verk. Den årliga avgiften för deltagandet och intäkter från försäljning finansierar SEKs standardiseringsverksamhet och medlemsavgift till IEC och CENELEC.

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Den som deltar i SEKs tekniska kommittéarbete har möjlighet att påverka framtida standarder och får tidig tillgång till information och dokumentation om utvecklingen inom sitt teknikområde. Arbetet och kontakterna med kollegor, kunder och konkurrenter kan gynnsamt påverka enskilda företags affärsutveckling och bidrar till deltagarnas egen kompetensutveckling.

Du som vill dra nytta av dessa möjligheter är välkommen att kontakta SEKs kansli för mer information.

## SEK Svensk Elstandard

Box 1042  
172 21 Sundbyberg  
Tel 08-444 14 00  
[elstandard.se](http://elstandard.se)

English Version

Cable trunking systems and cable ducting systems for electrical  
installations - Part 2-3: Particular requirements - Slotted cable  
trunking systems intended for installation in cabinets  
(IEC 61084-2-3:2017)

Systèmes de goulottes et systèmes de conduits-profilés  
pour installations électriques - Partie 2-3: Exigences  
particulières - Systèmes de goulottes de câblage pour  
installation dans les armoires  
(IEC 61084-2-3:2017)

Installationskanalsysteme für elektrische Installationen - Teil  
2-3: Besondere Anforderungen - Verdrahtungskanäle zum  
Einbau in Schaltschränke  
(IEC 61084-2-3:2017)

This European Standard was approved by CENELEC on 2024-08-05. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

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European Committee for Electrotechnical Standardization  
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 61084-2-3:2024) consists of the text of document IEC 61084-2-3:2017, 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
- latest date by which the national standards (dow) 2029-08-05  
conflicting with this document have to be withdrawn

This document supersedes EN 50085-2-3:2010 and all of its amendments and corrigenda (if any).

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

This document has been prepared under a standardization request addressed to CENELEC by the European Commission. The Standing Committee of the EFTA States subsequently approves these requests for its Member States.

For relationship with EU Legislation, see informative Annex ZZ, which is an integral part of EN IEC 61084-2-3:2024/A11:2024.

Any feedback and questions on this document should be directed to the users' national committee. A complete listing of these bodies can be found on the CENELEC website.

### **Endorsement notice**

The text of the International Standard IEC 61084-2-3:2017 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

ISO 2768-1:1989    NOTE    Approved as EN 22768-1:1993 (not modified)

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

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

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

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

COMMISSION  
ELECTROTECHNIQUE  
INTERNATIONALE

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## CONTENTS

|                                                                                                   |    |
|---------------------------------------------------------------------------------------------------|----|
| FOREWORD.....                                                                                     | 3  |
| 1 Scope .....                                                                                     | 5  |
| 2 Normative references .....                                                                      | 5  |
| 3 Terms and definitions .....                                                                     | 5  |
| 4 General requirements .....                                                                      | 6  |
| 5 General conditions for tests .....                                                              | 6  |
| 6 Classification .....                                                                            | 7  |
| 7 Marking and documentation .....                                                                 | 7  |
| 8 Dimensions.....                                                                                 | 7  |
| 9 Construction .....                                                                              | 8  |
| 10 Mechanical properties.....                                                                     | 8  |
| 11 Electrical properties .....                                                                    | 10 |
| 12 Thermal properties .....                                                                       | 10 |
| 13 Fire hazard .....                                                                              | 10 |
| 14 External influences .....                                                                      | 11 |
| 15 Electromagnetic compatibility .....                                                            | 11 |
| Annex A (informative) Types of cable trunking systems (CTS) and cable ducting systems (CDS).....  | 17 |
| Bibliography.....                                                                                 | 18 |
| Figure 101 – Examples of pattern of fixing holes in the base of the slotted trunking length ..... | 12 |
| Figure 102 – Examples of sizes for the fixing holes .....                                         | 13 |
| Figure 103 – Fixing distances for cable support test .....                                        | 14 |
| Figure 104 – Arrangements for cable support test .....                                            | 15 |
| Figure 105 – Arrangement for flame test .....                                                     | 16 |

## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**CABLE TRUNKING SYSTEMS AND CABLE DUCTING  
SYSTEMS FOR ELECTRICAL INSTALLATIONS –****Part 2-3: Particular requirements – Slotted cable  
trunking systems intended for installation in cabinets**

## FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 61084-2-3 has been prepared by subcommittee 23A: Cable management systems, of IEC technical committee 23: Electrical accessories.

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/829/FDIS | 23A/835/RVD      |

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

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

This Part of the IEC 61084 series supplements or modifies the corresponding clauses of IEC 61084-1:2017 as follows:

- where no particular clause or subclause of IEC 61084-1 is mentioned, the corresponding clause or subclause applies as far as it is reasonable;
- where "addition", "modification" or "replacement" is stated, the relevant text of IEC 61084-1 is to be adapted accordingly;
- subclauses, figures and tables which are additional to those in IEC 61084-1 are numbered starting from 101.

In this standard, the following print types are used:

- requirements and definitions: roman type;
- *compliance statements: italic type.*

A list of all parts in the IEC 61084 series, published under the general title *Cable trunking and cable ducting systems for electrical installations*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

## **CABLE TRUNKING SYSTEMS AND CABLE DUCTING SYSTEMS FOR ELECTRICAL INSTALLATIONS –**

### **Part 2-3: Particular requirements – Slotted cable trunking systems intended for installation in cabinets**

#### **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.

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

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

NOTE Wherever reference is made in this document to IEC 61084-1:2017, this does not apply to cable ducting systems.

#### **2 Normative references**

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

*Addition:*

IEC 60228:2004, *Conductors of insulated cables*

IEC 60695-11-5:2004, *Fire hazard testing – Part 11-5: Test flames – Needle-flame test method – Apparatus, confirmatory test arrangement and guidance*<sup>1</sup>

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

#### **3 Terms and definitions**

This clause of Part 1 is applicable, 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

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<sup>1</sup> This publication was withdrawn.