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Installationskanalsystem för elektriska installationer – Del 2-1: Särskilda fordringar på installationskanalsystem för vägg och tak

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

Som svensk standard gäller europastandarden EN IEC 61084-2-1:2024. Den svenska standarden innehåller de officiella engelska språkversionerna av EN IEC 61084-2-1:2024 och EN IEC 61084-2-1:2024/A11:2024.

Nationellt förord

Europastandarden EN IEC 61084-2-1:2024

består av:

- **europastandardens ikraftsättningsdokument**, utarbetat inom CENELEC
- **IEC 61084-2-1, Second edition, 2017 - 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**

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 50085-2-1, utg 1:2006 med eventuella tillägg, ändringar och rättelser gäller ej fr o m 2029-08-05.

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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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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 61084-2-1:2024) 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
- latest date by which the national standards (dow) 2029-08-05
conflicting with this document have to be withdrawn

This document supersedes EN 50085-2-1:2006 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 the relationship with EU Legislation, see informative Annex ZZ, which is an integral part of EN IEC 61084-2-1:2024/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 61084-2-1:2017 was approved by CENELEC as a European Standard without any modification.

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**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**

**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**

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

COMMISSION
ELECTROTECHNIQUE
INTERNATIONALE

ICS 29.060.01; 29.120.10

ISBN 978-2-8322-4118-9

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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.

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 of IEC 61084-1 applies as far as is reasonable;
- where “addition” 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.

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 document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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- withdrawn,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

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*