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STN	**Elektroinštalačné úložné kanály a elektroinštalačné uzavreté žľaby Časť 1: Všeobecné požiadavky**	**STN EN IEC 61084-1** 37 0010

Cable trunking systems and cable ducting systems for electrical installations - Part 1: General requirements

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/24

Obsahuje: EN IEC 61084-1:2024, IEC 61084-1:2017

Oznámením tejto normy sa od 05.08.2029 ruší
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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 61084-1

September 2024

ICS 29.060.01; 29.120.01

Supersedes EN 50085-1:2005; EN 50085-1:2005/A1:2013

English Version

Cable trunking systems and cable ducting systems for electrical installations - Part 1: General requirements (IEC 61084-1:2017)

Systèmes de goulottes et systèmes de conduits profilés pour installations électriques - Partie 1 : Exigences générales
(IEC 61084-1:2017)

Installationskanalsysteme für elektrische Installationen - Teil 1: Allgemeine Anforderungen
(IEC 61084-1:2017)

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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

Ref. No. EN IEC 61084-1:2024 E

European foreword

This document (EN IEC 61084-1:2024) consists of the text of document IEC 61084-1:2017, 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 implemented at national level by publication of an identical national standard or by endorsement (dop) 2025-08-05
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2029-08-05

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Endorsement notice

The text of the International Standard IEC 61084-1:2017 was approved by CENELEC as a European Standard without any modification.

IEC 61084-1

Edition 2.0 2017-03

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Cable trunking systems and cable ducting systems for electrical installations – Part 1: General requirements

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IEC 61084-1:2017-03(en-fr)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

COMMISSION ELECTROTECHNIQUE INTERNATIONALE

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CONTENTS

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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CABLE TRUNKING SYSTEMS AND CABLE DUCTING SYSTEMS FOR ELECTRICAL INSTALLATIONS –

Part 1: General requirements

FOREWORD

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International Standard IEC 61084-1 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 1991 and Amendment 1:1993. 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 part of the IEC 61084 series is not intended to be used by itself.

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

FDIS	Report on voting
23A/826/FDIS	23A/833/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.

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 1: General requirements

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.

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

NOTE This part of the IEC 61084 series is not intended to be used by itself.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 60417, *Graphical symbols for use on equipment*

IEC 60423:2007, *Conduit systems for cable management – Outside diameters of conduits for electrical installations and threads for conduits and fittings*

IEC 60529:1989, *Degrees of protection provided by enclosures (IP Code)*
IEC 60529:1989/AMD1:1999
IEC 60529:1989/AMD2:2013

IEC 60695-2-11:2014, *Fire hazard testing – Part 2-11: Glowing/hot-wire based test methods – Glow-wire flammability test method for end-products (GWEPT)*

IEC 60695-11-2:2013, *Fire hazard testing – Part 11-2: Test flames – 1 kW pre-mixed flame – Apparatus, confirmatory test arrangement and guidance*

IEC 61032:1997, *Protection of persons and equipment by enclosures – Probes for verification*

ISO 2768-1:1989, *General tolerances – Part 1:Tolerances for linear and angular dimensions without individual tolerance indications*