

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**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**



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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

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IEC 61084-2-3 edition 1.1 contains the first edition (2017-03) [documents 23A/829/FDIS and 23A/835/RVD] and its amendment 1 (2024-02) [documents 23A/1063/FDIS and 23A/1071/RVD].

In this Redline version, a vertical line in the margin shows where the technical content is modified by amendment 1. Additions are in green text, deletions are in strikethrough red text. A separate Final version with all changes accepted is available in this publication.

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.

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 61084-11 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 document and its amendment will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.

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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

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 60695-11-5:2004/2016, *Fire hazard testing – Part 11-5: Test flames – Needle-flame test method – Apparatus, confirmatory test arrangement and guidance*[†]

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

[†] ~~This publication was withdrawn.~~