

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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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

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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*¹

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

¹ This publication was withdrawn.