

BSI Standards Publication

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

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National foreword

This British Standard is the UK implementation of EN IEC 61084-2-1:2024+A11:2024. It is derived from IEC 61084-2-1:2017. It supersedes BS EN 50085-2-1:2006+A1:2011, which will be withdrawn on 5 August 2029.

The start and finish of text introduced or altered by amendment A11 is indicated in the text by tags. Tags indicating changes text carry the number of the CENELEC amendment. For example, text altered by CENELEC amendment A11 is indicated by [A11] [A11].

The UK participation in its preparation was entrusted to Technical Committee PEL/213, Cable management.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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EUROPEAN STANDARD

NORME EUROPÉENNE

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EN IEC 61084-2-1:2024+A11

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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
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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 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

This document supersedes EN 50085-2-1:2006 and all of its amendments and corrigenda (if any).

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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.

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European foreword to Amendment A11

This document (EN IEC 61084-2-1:2024/A11:2024) has been prepared by CLC/TC 213 “Cable management systems”.

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Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

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.

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cencenelec.eu.

The Annex ZA of EN IEC 61084-1:2024/A11:2024 is applicable with the following additions:

Publication	Year	Title	EN/HD	Year
IEC 60068-2-75	2014	Environmental testing – Part 2-75: Tests – Test Eh: Hammer tests	EN 60068-2-75	2014
IEC 60228	2004	Conductors of insulated cables	EN 60228	2005
IEC 61084-1	2017	Cable trunking systems and cable ducting systems for electrical installations – Part 1: General requirements	EN IEC 61084-1	2024
ISO 535	2014	Paper and board – Determination of water absorptiveness – Cobb method	EN ISO 535	2014
ISO 536	2019	Paper and board – Determination of grammage	EN ISO 536	2020

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Annex ZZ
(informative)

Relationship between this European standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered

This European standard has been prepared under a Commission's standardisation request relating to harmonised standards in the field of the Low Voltage Directive, M/511, to provide one voluntary means of conforming to safety objectives of Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits [2014 OJ L96].

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZ.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding safety objectives of that Directive, and associated EFTA regulations.

Table ZZ.1 — Correspondence between this European standard and Annex I of Directive 2014/35/EU [2014 OJ L96]

Safety objectives of Directive 2014/35/EU	Clause(s) / sub-clause(s) of this EN	Remarks / Notes
(1)(a)	Clause 7	
(1)(b)	Clauses 7, 9, 10, 11 and 14	
(1)(c)	Clauses 4 and 6	
(2)(a)	Clauses 5, 7, 9, 11 and 14	
(2)(b)		Products covered by EN IEC 61084-2-1 do not produce dangerous temperatures, arcs or radiation
(2)(c)	Clauses 5, 7, 9, 10, 12 and 13	
(2)(d)	Clauses 5 and 11	
(3)(a)	Clauses 5, 9 and 10	
(3)(b)	Clauses 5, 9, 10, 13 and 14	
(3)(c)		Not applicable

WARNING 1 — Presumption of conformity stays valid only as long as a reference to this European standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.

WARNING 2 — Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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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.

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