

<b>STN</b>	<b>Elektroinštalčné úložné kanály a elektroinštalčné uzavreté žľaby Časť 2-4: Osobitné požiadavky Prevádzkové nosníky a prevádzkové konzoly</b>	<b>STN EN IEC 61084-2-4</b>  37 0010
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Cable trunking systems and cable ducting systems for electrical installations - Part 2-4: Particular requirements - Service poles and service posts

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 61084-2-4:2024, IEC 61084-2-4:2017

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EUROPÄISCHE NORM

**EN IEC 61084-2-4**

September 2024

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Supersedes EN 50085-2-4:2009

English Version

**Cable trunking systems and cable ducting systems for electrical installations - Part 2-4: Particular requirements - Service poles and service posts  
(IEC 61084-2-4:2017)**

Systèmes de goulottes et systèmes de conduits-profilés pour installations électriques - Partie 2-4: Exigences particulières - Colonnes et colonnettes  
(IEC 61084-2-4:2017)

Installationskanalsysteme für elektrische Installationen - Teil 2-4: Besondere Anforderungen - Freistehende Installationseinheiten  
(IEC 61084-2-4:2017)

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**EN IEC 61084-2-4:2024 (E)****European foreword**

This document (EN IEC 61084-2-4:2024) consists of the text of document IEC 61084-2-4:2017, prepared by SC 23A "Cable management systems" of IEC/TC 23 "Electrical accessories".

The following dates are fixed:

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IEC 60364-5-54:2011 NOTE Approved as HD 60364-5-54:2011 (not modified) + A11:2017



IEC 61084-2-4

Edition 2.0 2017-03

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE



**Cable trunking systems and cable ducting systems for electrical installations –  
Part 2-4: Particular requirements – Service poles and service posts**

**Systèmes de goulottes et systèmes de conduits-profilés pour installations  
électriques –  
Partie 2-4: Exigences particulières – Colonnes et colonnettes**



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Edition 2.0 2017-03

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# NORME INTERNATIONALE



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Part 2-4: Particular requirements – Service poles and service posts**

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électriques –  
Partie 2-4: Exigences particulières – Colonnes et colonnettes**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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### **CABLE TRUNKING SYSTEMS AND CABLE DUCTING SYSTEMS FOR ELECTRICAL INSTALLATIONS –**

#### **Part 2-4: Particular requirements – Service poles and service posts**

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International Standard IEC 61084-2-4 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.



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

FDIS	Report on voting
23A/830/FDIS	23A/837/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 International Standard is to be used in conjunction with IEC 61084-1:2017.

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;
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- 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.

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## **CABLE TRUNKING SYSTEMS AND CABLE DUCTING SYSTEMS FOR ELECTRICAL INSTALLATIONS –**

### **Part 2-4: Particular requirements – Service poles and service posts**

#### **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

Service poles and service posts are intended to be mounted in free space and in contact with mounting surface(s) only at one or two ends, where the word “mounted” means fixed or placed on the floor with a weighted base or linked to a mounting surface through a flexible component.

NOTE Service poles and service posts can also be part of a CTS/CDS intended for wall or ceiling mounting covered by IEC 61084-2-1 or floor mounting covered by IEC 61084-2-2 and are then also tested according to said parts, as appropriate.

This international standard does not apply to conduit systems, cable tray systems, cable ladder systems, powertrack 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*

IEC 61084-2-1:2017, *Cable trunking 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 61084-2-2:2017, *Cable trunking systems and cable ducting systems for electrical installations – Part 2-2: Particular requirements – Cable trunking systems and cable ducting systems intended for mounting underfloor, flushfloor, or onfloor*

ISO 535:2014, *Paper and board – Determination of water absorptiveness – Cobb method*

ISO 536:2012, *Paper and board – Determination of grammage*

ISO 9328-7:2011, *Steel flat products for pressure purposes – Technical delivery conditions – Part 7: Stainless steels*

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