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**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 19215.3-2012

**Cable trunking and ducting systems for electrical installations -- Part 2:
Particular requirements -- Section 2: Cable trunking systems and cable
ducting systems intended for underfloor and flush floor installations**

电气安装用电线槽管系统 第2部分：特殊要求 第2节：安装在地板下和与地板齐
平的电缆槽管系统

(English Translation)

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Foreword

Chapter 9 of this section, Chapter 10, Chapter 11, Chapter 12, Chapter 13 is mandatory, the rest are recommended.

GB 19215 "Electrical Installation Cable trunking and ducting systems" is divided into two parts.

--- Part 1. General requirements

--- Part 2. Particular requirements Cable trunking and ducting systems for mounting on a wall or ceiling. --- Section 1

--- Section 2. installed in the floor and flush with the floor cable trunking and ducting systems

--- The first three files for future .(blank)

--- Section 4. household electrical column this section is GB 19215 Part 2, Section 2.

This section drafted in accordance with GB/T 1.1-2009 given rules.

This section uses the translation method identical with IEC 61084-2-2:2003 (first edition) Part 2-2 "Electrical installation Cable trunking and ducting systems Score. Particular requirements installed under the floor and flush with the floor cable trunking and ducting systems. " Consistency correspondence between this part of international documents and normative references of the following documents.

--- GB/T 19215.1 electrical installations cable trunking and ducting systems - Part 1. General requirements (GB/T 19215.1-2003, IEC 61084-1:1991 A1.1993, MOD) this part of IEC 61084-2-2:2003 made the following editorial changes.

--- According to GB/T 1.1 relevant provisions in Chapter 1, "scope" in the first line of supplements "This section provides installed in the floor and the ground Classification board flush cable trunking and ducting systems, and structural requirements, anti-flame spread, technical requirements for mechanical properties, external influences. "

--- According to GB/T 1.1 relevant provisions in Chapter 2, "Normative references" supplemented with IEC 61084-1 name.

--- Increase the national standard foreword;

--- "This standard" be replaced by "of this section." this part is proposed by the China Electrical Equipment Industrial Association.

This part of the National Electric annex Standardization Technical Committee (SAC/TC67) centralized.

This section drafted by. China Electric Apparatus Research Institute Co., Ltd., Hangzhou Hongyan Electric Co., Ltd., Foshan Gaoming Gu plastic limited the company, Liansu Technology Industrial Co. Ltd., the Bulls Group Co., Ltd. Zhejiang Yuehua Telecommunication Co., TCL- Legrand International Electrotechnical (Huizhou) Co., Ltd., Zhejiang Hengtai Electrical Co., Ltd.

1 Scope

Alternative.

This section provides installed in the floor and the floor is flush with the classification of cable trunking and ducting systems, and structural requirements, anti-flame spread, mechanical properties, External influences technical requirements.

This section applies to the installation under the floor and flush with the floor cable trunking and ducting systems. The fluted tube system is used and, if necessary, to accommodate for Separated conductors, cables or cords and/or other electrical equipment.

This section applies to the installation have been completed or under the floor and the floor has been completed, flush-mounted cable trunking and ducting systems and system components.

This section does not apply to conduit, cable tray or ladder (cable trays), as well as in the present system of current-carrying parts.

Note 1: Models and Usage Figure 101 and 102.

Note 2: Figure 101 shows the type and design of many systems, sub-standard being considered.

Note 3: Some or all of the system on the ground are not included in this part of the standard, but it may be included in the amended standard part or other part 2 standards.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

IEC 61084-1 for electrical installations cable trunking and ducting systems - Part 1. General requirements (Cabletrunkingandducting systemsforelectricalinstalations-Part 1. Generalrequirements) of this chapter apply to the following modifications.

increase.

GB/T 2423.51-2000 Environmental testing for electric and electronic products Part 2. Test methods - Test Ke. Flowing mixed gas corrosion Erosion Testing (idtIEC 60068-2-60.1995)

3 Terms and Definitions

IEC 61084-1 of this chapter apply to the following modifications.

Increase definition.

3.101

Cable trunking and ducting systems underfloorcabletrunkingsystemorcableductingsystem underfloor A method of installing a cable channel pipe system under the floor, in addition to its floor mount other components have been completed by an upper ground plate Protected material is subjected to external mechanical loads, flooring materials in normal use can reduce the load of the load (see Fig. 103) under the conditions of use of the groove pipe.

3.102

Floor flush cable trunking and ducting systems

flushfloorcabletrunkingsystemorcableductingsystem Cable trunking and ducting system for flush-mounted and floor, which in addition to the floor mounting member other than through all elements except the upper part it has already been completed to protect flooring and subjected to an external mechanical load and flush-mounted in the inner surface of the floor has been completed. Unprotected surface is considered Bear truck load surface (see Fig. 104).

3.103

Completed floor finished floor it may be made of concrete, wood or similar material to withstand the load floor, and covered with carpet, tile, paint, parquet or similar supporting floor covering. Floor coverings may be fixed by a cement or asphalt on a composite floor.

3.104

Flush with the floor system components flush floor system component all except one kind through the upper part than has already been completed and to protect flooring from external mechanical loads on the system in normal use System components, and its nominal flush-mounted in the inner surface of the floor has been completed. No protection is considered to bear the load surface load surface.

3.105

Floor mount (when idle) floor service unit (when not in use) no cables and/or wires to the floor mount appliances on.

3.106

Floor mount (when used) floor service unit (when in use) There are cables and/or wires to the floor mount appliances on.

3.107

Cable anchorage Especially for reducing distortion conductor terminals or head end or prevent a device separate from the cable housing.

3.108

Floor dry process dry-treatment of floor not only a small amount of liquid to clean the liquid and/or process or care floors. Cleaners needed to be able to achieve such a quality.

It does not form puddles and wet floor covering.

Note: The dry process Example. sweep with a broom or a blanket for cleaning, vacuuming, brushing, cleaning powder dry, dry cleaners treatment, carpet cleaning agent and cleaning Waste disposal (solid material containing chemical cleaning agents, such as wet sawdust and wet laundry, etc.).

3.109

Floor wet process wet-treatment of floor Use liquid detergent to clean and/or processes of care floors. A period of time after such treatment inevitably forming puddles or it will wet floor covering.

NOTE: Wet Processing example. water, artificial or machine scrub.