

ICS 29.120.10

CCS K 65



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

GB/T 19215.4-2017

**Cable trunking and ducting systems for electrical installations
-- Part 2: Particular requirements -- Section 4: Service poles**

电气安装用电线槽管系统 第2部分：特殊要求 第4节：辅助端

(English Translation)

Issued on: July 31, 2017

Implemented on: February 1, 2018

**Issued by: General Administration of Quality Supervision, Inspection and
Quarantine of the People's Republic of China, Standardization
Administration of the People's Republic of China**

Table of Contents

Foreword
1 Scope
2 Normative references
3 Terms and definitions
4 General requirements
5 General description of the test
6 Categories
7 Logo
8 Size
9 Structure
10 Mechanical properties
11 Flame spread
12 Electrical Performance
External influences

Foreword

"Cable duct system for electrical installation" is divided into the following sections.

- Part 1. General requirements (GB/T 19215.1);
- Part 2. Particular requirements Section 1. Cable duct systems for wall or ceiling mounting (GB/T 19215.2);
- Part 2. Particular requirements Section 2. Cable duct systems installed under the floor and flush with the floor (GB/T 19215.3);
- Part 2. Special Requirements Section 4. Auxiliary (GB/T 19215.4);

This section is "Section 4 of the cable duct system for electrical installation" Part 2.

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

This section uses the redrafted law to amend the use of IEC 61084-2-4:1996 "Electrical Installation of cable trunking system Part 2. Special Requirements section 4. Auxiliary end. " this part of IEC 61084-2-4:1996 technical differences and the reasons are as follows.

--- On the normative references, this section made a technical difference with the adjustment to adapt to China's technical conditions, adjust the situation Concentration

reflected in the second chapter "Normative references", the specific adjustments are as follows.

- Replaced IEC 61084-1 with revision GB/T 19215.1-2003 of international standard;
- Added GB/T 4208.

This section made the following editorial changes.

--- In accordance with the relevant provisions of GB/T 1.1, in the first chapter "range" added "" electrical installation cable trunking system "of this part of regulations Set the signs, dimensions, structure, mechanical properties, flame spread, electrical properties, external Ministry of influence and other technical requirements. "

--- Removed Appendix A this part is proposed by China Electrical Equipment Industry Association.

This part of the National Electrical Accessories Standardization Technical Committee (SAC/TC67) centralized.

This part of the drafting unit. Guangdong South China Institute of Appliances, Zhongshan City, Shun Shing Hardware Products Co., Ltd., Hangzhou Hongyan Electric Co., Ltd.

State Electric Apparatus Research Institute Co., Ltd., Guangdong Yitong Technology Co., Ltd., Weikai Testing Technology Co., Ltd.

1 Scope

GB/T 19215.1-2003 This chapter read.

This section of the "Cable trunking system for electrical installation" specifies the logo, size, structure, Mechanical properties, flame spread, electrical properties, external effects and other technical requirements.

Auxiliary ends as specified in this standard are intended to accommodate and, if necessary, to separate conductors, cables or cords and/or other electrical equipment. This auxiliary as shown in Figure 101, the aids can be moved or fixed in any orientation.

This section does not apply to the catheter, cable tray or ladder, as well as the current-carrying components in the system.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

GB/T 4208 enclosure protection (IP code) (GB/T 4208-2008, IEC 60529:2001, IDT) GB/T

19215.1-2003 cable trunking system for electrical installation Part 1. General requirements (IEC 61084-1:1991, MOD) ISO 9328-5:1991 Steel plates and strips for pressure purposes - Technical delivery conditions - Part 5. Steelplates andstripsforpressurepurposes-Technicaldeliveryconditions-Part 5: Austeniticsteels)

3 Terms and definitions

GB/T 19215.1-2003 defined and the following terms and definitions apply to this document.

3.101

Auxiliary servicepole Equipped with special fixtures provided by the manufacturer, to accommodate or contain the ability to easily connect to low-voltage power systems, telecommunications systems, etc.

Accessories designed pipe system.

3.102

Can be relocated with the installation service auxiliary servicepoleforre-locatablemounting it is also easy to install in a fixed way but reposition it so it can be connected to a flexible cable or cord and plug Auxiliary end of the power supply.

3.103

Fixed installation with auxiliary servicepoleforfixedmounting Auxiliary for fixed installation but not easily removable.

4 General requirements

GB/T 19215.1-2003 This chapter applies.