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

GB 16895.29-2008

**Electrical installations of buildings -- Part 7-713: Requirements
for special installations and locations -- Furniture**

建筑物电气装置 第7-713部分：特殊装置或场所的要求 家具

(English Translation)

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Foreword

GB (/ T) all the technical content of this section 16895 is mandatory.

GB (/ T) 16895 "Electrical installations of buildings" series of national standard is divided into the following five sections.

--- Part 1. Fundamental principles, assessment of general characteristics and definitions

--- Part 4. Security

--- Part 5. Selection and erection of electrical equipment

--- Part 6. Inspection Requirements for special installations or locations. --- Part 7 this is Part 713 Part 7 special installations or locations requirements.

This section identical with IEC 60364-7-713:1996 (first edition) "Electrical installations of buildings - Part 7. Special installations or locations Requirements Section 713. Furniture "(in English).

This part of IEC 60364-7-713:1996 on the same technical content, but contains the following editorial changes.

a) the decimal symbol instead of using decimal notation " , " . " , " ;

b) using the "part" instead of the "standard";

c) by deleting the IEC standard "Preface." this part of the reg number and IEC 60364-7-713:1996 exactly.

This part of the National Standardization Technical Committee of electrical building equipment (SAC/TC205) and focal points.

This section is responsible for drafting unit. electrical machines in Design and Research

Institute.

Introduction

GB (/ T) of this section 16895 requires that supplement, modify or replace the GB (/ T) 16895 General requirements for the rest of some content.

Dedicated 7-713 number connected to the later part of the GB (/ T) 16895 corresponding part numbers or terms of numbers.

GB (/ T) of this chapter is not listed in section 16895, section or article, it means that GB (/ T) 16895 corresponding general requirements still apply use.

GB 16895.29-2008/IEC 60364-7-713:1996 Electrical installations of buildings
Requirements for special installations or locations. Section 7-713 Furniture

713 Furniture

713.1 Overview

713.1.1 Scope

The special requirements of this section apply to electrical devices connected to the furniture (and similar furniture) cabling system.

For example, equipped with lighting, sockets, electrical switches, wiring systems and other electrical equipment, beds, cabinets, tables and shop display cabinets.

Requirements of this section apply to fixed wiring is connected to the electrical installations of buildings furniture, also applies to the finished furniture and plugs Power outlet furniture, unless otherwise specified in other national standards.

Electrical equipment should be connected to the furniture within no more than 240V single-phase power lines, the total load current shall not exceed 16A.

These requirements do not apply to other countries specifically designed for installation in furniture in the standards set forth in the electrical appliances and electrical equipment, for example, such as, the furniture packed in easy connection to radios, televisions, refrigerators and electrical installations of buildings bench by plug and socket. In some A special place, you may need to meet other special requirements.

713.1.2 Normative references the following documents contain provisions which, through reference to "Electrical installations of buildings" in this text, constitute provisions of this section. For dated Reference documents, after its release date of all of the amendments (not including errata content) or revisions do not apply to this section; however, encourage and this part of the agreement if the parties to study the latest versions of these documents. For undated reference documents, the most the new version applies to this section.

GB 4208-2008 housing protection (IP Code) (IEC 60529:2001, IDT) GB/T 5013.1-2008

rated voltage of 450/750V and below rubber insulated cables - Part 1. General requirements (IEC 60245-1:2003, IDT) GB/T 5013.4-2008 rated voltage of 450/750V and below rubber insulated cables Part 4. Cords and flexible cables (IEC 60245-4:2003, IDT) GB/T 5023.3-2008 rated voltage of 450/750V and below PVC insulated cables - Part 3. No fixed wiring Sheathed cables (IEC 60227-3:1997, IDT) GB/T 5023.5-2008 rated voltage of 450/750V and below PVC insulated cables Part 5. Flexible cables (cords) (IEC 60227-5:2003, IDT) GB/T 5169.11-2006 Fire hazard testing for electric and electronic products - Test methods refined glow-wire test and guidance (IEC 60695-2-10:2000, IDT) GB 7000.1-2007 Lamps - Part 1. General requirements and tests (IEC 60598-1:2003, IDT) GB/T 12706-2002 rated voltage 1kV ($U_m = 1.2kV$) ~ 35kV ($U_m = 40.5kV$) extruded insulation power cables and Accessories (eqv IEC 60502:1997) GB 16895.1-2008 Electrical installations of buildings - Part 1. Fundamental principles, assessment of general characteristics and definitions (IEC 60364-1.

2005, IDT)

Part 5 GB 16895.6-2000 Electrical installations of buildings. Selection and erection of electrical equipment - Chapter 52. Wiring systems (Idt IEC 60364-5-52:1993) GB/T 16895.9-2000 Part 7 Electrical installations of buildings. Requirements for special installations or locations - Section 707. Data at GB 16895.29-2008/IEC 60364-7-713:1996 Processing equipment electrical equipment grounding requirements (idt IEC 60364-7-707. 1984) Section 7 GB 16895.13-2002 Electrical installations of buildings. Requirements for special installations or locations - Section 701. equipped with a bathtub or electrical devices shower basin locations (idt IEC 60364-7-701. 1984) Part 5 GB/T 16895.15-2002 Electrical installations of buildings. Selection and erection of electrical equipment - Section 523. Wiring systems Ampacity (idt IEC 60364-5-523. 1989) Part 5 GB/T 16895.18-2002 Electrical installations of buildings. Selection and erection of electrical equipment - Chapter 51. Common rules (Idt IEC 60364-5-51:1997) Part 5 GB 16895.20-2003 Electrical installations of buildings. Selection and erection of electrical equipment Chapter 55. Other equipment lines EC Section 551. Low-voltage power equipment (IEC 60364-5-551:1994, IDT) GB 17466-1998 General requirements for household and similar fixed electrical installations of electrical accessories housing (eqv IEC 60670.

1989)

713.1.3 definitions

713.1.3.1

Items for work or leisure activities in the domestic, commercial and industrial properties in movable or fixed, such as desks, chairs, tables and work Workbench, cabinets and beds.

Selection and installation of electrical equipment 713.5

713.51 General rules Electrical equipment and accessories for furniture cabling system

should be selected and installed in accordance with environmental conditions, particularly in the mechanical stress and fire risk Insurance aspects.

713.52 cabling system Connection 713.52.1 fixed electrical installations of buildings and furniture between.

Connecting the fixed electrical installations and building wiring between the furniture should be a fixed connection or plug and socket connection.

Select 713.52.2 cabling system Furniture, electrical devices connected to the wiring system should meet the following requirements.

- a) If a fixed connection should be selected in line with GB/T 12706-2002, GB/T 5023.3-2008 or GB/T 5013.1-2008 rigid cable;
- b) If a plug and socket connection should be selected in line with GB/T 5013.4-2008 rubber insulated flexible cables and cords or multi-core character Flexible multi-core cables and cords together GB 5023.5-2008 PVC insulated.

Any line may move within the furniture should be consistent with GB/T 5013.4-2008 or GB/T 5023.5-2008 flexible cable Multi-core cord.

Conductor cross-section 713.52.3 Conductor should be copper, and the section is not less than 1.5mm².

If you do not supply power to the outlet and whose length does not exceed 10m, copper core cross section flexible cables and cords can be reduced to 0.75mm².

Installation 713.52.4 cabling system Cables and cords should be properly against mechanical damage. They should be securely placed on the furniture or in the manufacture of furniture to do the cable guide Pipe, cable tray, cable ducts or cable trench.

Cables and cords should prevent tension or torsion. Furniture and entering at the junction near the device should be fitted to reduce the stress.

Select 713.52.5 Annex Accessory wiring system should be consistent with GB concealed Junction Box 17466-1998 requirements, including.

- High mechanical strength;
- Annex should be fixed on the furniture;
- In line with GB/T 5169.11-2006 heat resistance (850 °C glow wire test);

GB 16895.29-2008/IEC 60364-7-713:1996

- In line with GB 4208-2008 level of IP3X protective housing to prevent foreign matter from entering the solid.

713.55 Other equipment 713.55.1 lamps and other electrical equipment Lighting equipment