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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 22764.2-2008

Cabinets for low-voltage switchgear - Part 2: Series of dimensions

低压机柜 第2部分：尺寸系列

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Table of Contents

Foreword

GB/T 22764 "Low Voltage Cabinet" is divided into five sections.

--- Part 1. Generic specification;

--- Part 2. Dimensions Series;

--- Part 3. environment and climate;

--- Part 4. Electrical safety requirements;

--- Part 5. Basic test methods. This section GB/T 22764 Part 2. This section should be used with other portions. This part of the electrical and electronic equipment by the National Standardization Technical Committee integrated structure (SAC/TC34) and focal points. This section is responsible for drafting unit. million-controlled Group Co., Ltd., Zhangjiagang City Electric Co., Ltd.-day Vietnam. Participated in the drafting of this section. Wuhan-source structure Electric Co., Ltd. Tianjin original cabinet, Jiangsu Tianxiang Electric Co. Secretary, China Zhen Hong Electric Co., Ltd. Jiangsu Hong Kong-day cabinet, Zhangjiagang City Tianyi Electric Co., Ltd. Complete construction, Cixi odd country Electric Co., Ltd., Wenzhou City Electric Co., Ltd. and Italy locks. The main drafters of this section. high Zhong Xi, Zhao Jianming. The drafters of some of the participants. Song Zongxiang, with Shen Zhang, Zhong Jie Wu Cun-lin, Tang Zhijian, Luo Xuecheng, Jiang Guoqing, Pan Zhengdong. Low-voltage cabinets - Part 2. Dimensions Series

1 Scope

GB/T 22764.2-2008 is the Chinese national standard on cabinets for low-voltage switchgear - part 2: series of dimensions, in the field of electronics. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 30 December 2008 by the General Administration of

Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 October 2009. Classification: ICS 31.240, CCS K05. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This section provides basic information modulus and low voltage cabinet selection, sequence and sample rack modulus size and coordination.

Note. In general, the size refers to the basic parameters, without involving a gap or for manufacturing tolerances. Part applies to low-voltage cabinet.

2 Normative references

The following documents contain provisions which, through reference

GB/T 22764 in this section constitute provisions of this section. For dated reference documents Member, all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encouraged to reach under this section Parties to research agreement to use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB 3100 International System of Units and Its Application (GB 3100-1993, eqv ISO 1000.1992)

GB 3101 general principles relating to amounts, units and symbols (GB 3101-1993, eqv ISO 31-0.1992)

GB/T 19520.2 electronic equipment mechanical structure 482.6mm (19in) series of mechanical structure size - Part 2. Cabinets and machine Frame structure of grid spacing (GB/T 19520.2-2007,

IEC 60297-2. 1982, IDT) IEC Guide 103 size coordination guidelines Basic information of the selected module 3

3.1 General Choose low-voltage cabinet modulus on the grounds that it related to the size and engineering applications (such as components, equipment, rooms, buildings, etc.) mechanical interface compatible. It also includes information about the interface design and advanced technology and other technical fields of. This rule can be obtained Technical and economic benefits. Modulus in the length sequence SI unit basis, in line with GB 3100 and GB 3101 metric units.

3.2 Coordination with the size of the adjacent art Based on the principle of coordination dimensions.

a) low-voltage cabinet most important external interfaces.

--- Building room facilities, such as doors, elevators, floor tiles and ceilings;

--- Packaging and transportation, such as trucks, ships and aircraft containers and packaging;

--- A combination of various equipment and facilities, such as power transmission and distribution equipment, power, industrial process equipment.

b) low-voltage cabinet most important internal interfaces.

--- Connectors, electromechanical components;