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

GB/T 19290.4-2009

Modular order for the development of mechanical structures for electronic equipment practices -- Part 2-2: Sectional specification -- Interface co-ordination dimensions for the 25 mm equipment practice -- Detail specification -- Dimensions for sub-rack, c

发展中的电子设备构体机械结构模数序列 第2-2部分：分规范 25mm设备构体的接口协调尺寸 详细规范 插箱、机箱、背板、面板和插件的尺寸

(English Translation)

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Foreword

GB/T 19290 "in the development of mechanical structures for electronic equipment modulus sequence" is divided into the following five sections.

--- Part 1. Generic specification;

--- Part 2. Sectional specification - Interface coordination dimensions 25mm equipment practice;

--- Part 3. Sectional specification - Interface co - ordination dimensions for the 25mm equipment detailed specifications and dimensions of the cabinet rack;

--- Part 4. Sectional specification - Interface co - ordination dimensions for the 25mm equipment detailed specification into me, chassis, backplane, and panel Size plug-in;

--- Part 5. Sectional specification detailed specification of the interface coordination dimensions for the 25mm equipment expansion subracks, chassis, backplanes, Size panels and plug-ins.

This section GB/T Part of 419,290.

This section identical with IEC 60917-2-2:1994 "in the development of electronic equipment - Part 2 isomer mechanical structure number sequence mode. dividers Interface co - ordination dimensions for the 25mm equipment Fan section 2. Detail specification into me, chassis, backplane, and plug-in panel size. " this section is equivalent translation IEC 60917-2-2:1994.

For ease of use, this section made the following editorial changes.

- a) "The publication" or "This is a" word, are the words "this section";
- b) Remove the preface international standards;
- c) the decimal point "," to ".";

d) Normative references to existing valid version shall prevail;

Define e) terms in GB/T 19290.1 \u200b\u200bbasis.

This part of the electrical and electronic equipment by the National Standardization Technical Committee integrated structure (SAC/TC34) and focal points.

This section is drafted. Quartet Electric (Group) Co., Ltd., Huawei Technologies Co., Ltd., State Grid Electric Power Research Institute, Guodian Nanjing from Automation Co., Ltd., ZTE Corporation, Beijing Electrical Machinery Industry Technical and Economic Research Institute.

1 Scope

GB/T 19290 in this section is partially or fully applied to all areas of electronics, according to GB/T 19290.2 electrical design specification Detail specification sub-assemblies and systems.

The purpose of this section is to ensure that the plug-in box, chassis, plug-ins, back panel and mechanical interchangeability dimensions specifications.

In the specification GB/T 19290.2, it has been included in the value of three-dimensional model based on the number of 25mm plug box system, as well as into me Doubling the height of the principles.

Size listed in the tables in this section is based on GB/T 19290.2 insertion of a box system. However, as long as the relationship between the size Unchanged, that the table size, etc. Table 1 to coordinate with the given size HS 3 HS0 etc., WS and WS0, and the like DS and DS0 difference between Held constant, the detailed specifications for all plug-in box system containing the specification are valid.

Plug-in box associated with the determined size of the cabinet and rack installation size, see GB/T 19290.3.

Panel size and the determined dimensions associated cabinets and racks, see GB/T 19290.3.

To load a plug-in box support for electric and electronic components and mechanical parts of the plug. Electrical plug and plug connection depends on the connection between the tank it is used.

All dimensions in millimeters Inset first angle projection.

2 Normative references

The following documents contain provisions which, through reference GB/T 19290 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 references, the latest version applies to this section.

Mechanical structures for electronic equipment modulo sequence Part 1 Development of GB/T 19290.1-2003. Generic specification (IEC 60917-1:1998, IDT) GB/T 19290.2-2003 development of electronic equipment - Part 2 isomer number sequence mode mechanical structure. specification of 25mm Interface coordination dimensions equipment practice (IEC 60917-2:1992, IDT) GB/T 19290.3-2008 development of mechanical structures modulo sequence electronic equipment - Part 2-1 isomer. Sectional specification 25mm Interface coordination dimensions of the cabinet and the size of the equipment rack of isomers (IEC 60917-2-1:1993, IDT) IEC 60249-2 printed circuit substrate and other interconnecting structures - Part 2. Reinforcement metal-clad or metal foil substrate does not cover IEC 61076-4-10X Connectors for electronic equipment - Part 4-10X. a quality assessment of the PCB connector (standard series)

3 Terms and Definitions

This section uses the following terms and definitions.

GB/T 19290.4-2009/IEC 60917-2-2:1994