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

GB/T 19520.14-2009

Replacing GB/T 19520.10-2004; GB/T 19520.9-2004

**Mechanical structures for electronic equipment -- Dimensions
of mechanical structures of the 482.6 mm (19 in) series -- Part
3-103: Keying and alignment pin**

电子设备机械结构 482.6mm(19in)系列机械结构尺寸 第3-103部分：编码键和定位销

(English Translation)

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Foreword

GB/T 19520 "Electronic equipment mechanical structure 482.6mm (19in) series of mechanical structure size" is divided into the following six sections.

- Part 1. Panels and racks;
- Part 2. racks and cabinets from the grid structure;
- Part 12. Subracks and associated plug;
- Part 13. puller handle;
- Part 14. Keying and alignment;
- Part 15. Based on the connector plug and plug the interface box dimension.

This section GB/T 19520 Part 14.

This section identical with IEC 60297-3-103:2004 "electronic equipment mechanical structure 482.6mm (19in) series of mechanical structure size aIEC original omission.

Fig.1 new and old GB/T 19520 (IEC 60297) series of standards

1) These two standards have to GB/T 18663.1-2008 and GB/T 18663.3-2007 release.

GB/T 19520.14-2009/IEC 60297-3-103:2004 Electronic equipment mechanical structures Part 3-103. Keying and alignment

1 Scope

This section GB/T 19520 includes only coding pins and keys and in line with GB/T 19520.12 subracks and plug-ins for use with the New Interface size. This section can also be used in conjunction with the GB/T 19520.13.

2 Normative references

The following documents contain provisions which, through reference GB/T 19520 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/T 19290.1-2003 the development of electronic equipment isomer total number sequence mechanical structure module specification (IEC 60917-1:1998, IDT) GB/T 19520.1-2007 electronic equipment mechanical structure 482.6mm (19in) series of mechanical structure size - Part 1. surface Plate and frame (IEC 60297-1. 1986, IDT) 2)

GB/T 19520.12 electronic equipment mechanical structure 482.6mm (19in) series - Part 3-101 mechanical structure size. Subracks its plug-in (GB/T 19520.12-2009, IEC 60297-3-101:2004, IDT) GB/T 19520.13 electronic equipment mechanical structure 482.6mm (19in) series - Part 3-102 mechanical structure size. Plug Handle (GB/T 19520.13-2009, IEC 60297-3-102:2004)

3 Terms and Definitions

Terms and definitions GB/T 19290.1 \u200b\u200bestablished in this section apply.

4.1 General

Use the encoded key-type plug-in boards to prevent the wrong insertion into me.

Change the order of applications for compliance and (or) the purpose of updating, should be coded key for quick installation.

Coding key features required on the plug and plug guide rails have a special adapter, 2 to 7.

2) IEC original omission.

GB/T 19520.14-2009/IEC 60297-3-103:2004