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

GB 13140.2-2008

Replacing GB 13140.2-1998

Connecting devices for low voltage circuits for household and similar purposes -- Part 2: Particular requirements for connecting devices as separate entities with screw-type clamping units

家用和类似用途低压电路用的连接器件 第2部分：作为独立单元的带螺纹型夹紧件的连接器件的特殊要求

(English Translation)

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Foreword

All technical content in this Part of GB 13140 is mandatory.

GB 13140 "Connecting devices for low voltage circuits for household and similar purposes with" divided into two parts.

Part 1. General requirements (GB 13140.1) Part 2. Particular requirements (GB 13140.2 ~ 13140.5)

- Special requirements as an independent unit with screw-type clamping units for connecting devices
- As a standalone unit with screwless-type clamping units - Particular requirements for connecting devices
- As a standalone unit with insulation piercing connection device type clamping units - Particular requirements
- Particular requirements for twist-on connecting devices this section GB 13140 Part 2 "as separate entities with screwless-type clamping units for connecting devices of the special requirements" section Points, numbered GB 13140.2.

This section should be used in conjunction with the GB 13140.1.

This section identical with IEC 60998-2-1:2002 "Household and similar low voltage circuits connected devices - Part 2. As an only Special requirements "stand with screw-type clamping units for connecting devices of.

This Part replaces GB 13140.2-1998 "Part 2 Connecting devices for low voltage circuits for household and similar purposes used. as an independent single Special requirements "element with screw-type clamping units for connecting devices.

This section and the main content of GB 13140.2-1998 changes as follows.

- 1) remove the reference to Chapter 2 standards referenced in IEC publication 228A (1982).
- 2) remove the wire is defined in Chapter 3, without special treatment.
- 3) increased 8.101.
- 4) table 101, table 102, table 103, table 104 increase 0.2mm², 0.34mm² two kinds of wire sizes and the corresponding test Claim.
- 5) increased 10.104 connect different types of test leads.
- 6) added 10.102 c), d).
- 7) 10.103, 10.104, 10.105, 10.106 Chapter 15 torque value when tested in selected different tables BB. 1 test sample Group number changes.
- 8) Chapter 17. The title change.
- 9) increase in Chapter 20 [electromagnetic compatibility (EMC) requirements].
- 10) increase in Appendix DD. 1, Appendix DD. 2 and Appendix EE.

This part of the Appendix AA, BB normative Appendix Appendix Appendix CC, Appendix DD, EE appendix is informative appendix.

This part is proposed by the China Electrical Equipment Industrial Association.

This part of the National Electric annex Standardization Technical Committee (SAC/TC67) centralized.

This section drafted by. China Electric Apparatus Research Institute, Zhejiang Yuehua Telecommunication Co., Ltd., Ningbo Electronics Co., Ltd. Pu speed.

Drafters of this section. Lvguo Wei, Wang Sheng, Lin Chunfang.

This part of the standard replaces the previous editions are.

--- GB 13140.2-1998.

GB 13140.2-2008/IEC 60998-2-1:2002 IEC Foreword

1) The International Electrotechnical Commission (IEC) is a worldwide standardization group composed of national Electrotechnical Commission (IEC National Committees) Organizations. The object of IEC is to promote international cooperation in the field of standardization in the electrical and electronic related issues. For this purpose, IEC in addition to other activities, but also publishes International Standards. Their preparation is entrusted to technical committees to complete.

IEC National Committee members, as long as the interest of standards development, can participate in its development work. Liaising with the IEC States International, governmental and non-governmental organizations also participate in standards development work. IEC and the World Organization for Standardization (ISO) in accordance with the agreement Working closely specified conditions.

2) IEC on technical matters Technical Committee of National Committee is particularly concerned by the participation of all the issues developed by the the formal decisions or agreements, as expressed consensus on the issues involved in the international arena.

3) The formal decisions or agreements publishing standards, technical reports or guides form and recommended to use internationally, and in this sense Accepted by the National Committees.

4) In order to promote international unification, IEC National Committees should clearly maximize the IEC international standards into the country or regional standards. Between the IEC Standard and the corresponding national or regional standard if there is any difference at the national or local standards District standards clearly stated.

5) Note that some of the ingredients of this International Standard may be the subject of patent rights. IEC shall have no responsibility to confirm any or all such patent.

6) IEC did not develop any signs of approval procedure, when a device claims to comply with a particular standard of IEC , IEC which is not any responsibility.

IEC 60998-2-1 standard by the IEC 23 (electrical accessories) Technical Committee 23F (connecting devices) Technical Committee to develop.

The second edition of this part of the first edition of 1990 substituted, constitutes a technical revision.

This section has guidelines according to IEC 104 Safety Standards Series.

This section is based on the following documents.

FDIS Report on voting 23F/142/FDIS 23F/148/RVD Details of the voting section, see the report on the voting results listed in Table of.

This section has been drafting Part 2 according to ISO/IEC Guide.

The parts IEC 60998 series of standards Part 2-1 series of standards for the common name for low voltage circuits for household and similar purposes Connecting devices. This series consists of Part 1 (General requirements) and the respective Part 2 (Special requirements) components.

When this part of the publication, some of the following have been published.

- Part 1. General requirements;
- Part 2-1. as a standalone unit with screw-type clamping units - Particular requirements for connecting devices;
- Part 2-2. as a standalone unit with screwless - type clamping member special requirements for connecting devices;
- Part 2-3. as a standalone unit with the special requirements of insulation piercing clamping units for connecting devices;
- Part 2-4. Particular requirements for twist - on connecting devices.

This section should be used in conjunction with IEC 60998-1. Constitute the standard version 2 (2002).

Supplement or modify the corresponding provisions of IEC 60998-1, thereby making IEC standard. as a standalone unit with screw-type clamping units Particular requirements for connecting devices.

Where there is no chapter in this section of Part 1 article specifically mentioned are applicable. Where specified in this standard are. "Add", "Edit" "Replacement" of content, Part 1 of the technical requirements, test specifications or comments should do the appropriate changes.

GB 13140.2-2008/IEC 60998-2-1:2002

a) using the following printed in this section.

- Requirements. roman;
- Test specifications. italic;