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

GB 17465.4-2015

Replacing GB 17465.4-2009

**Appliance couplers for household and similar general purposes
-- Part 2-4: Couplers dependent on appliance weight for
engagement**

家用和类似用途器具耦合器 第2-4部分：靠器具重量啮合的耦合器

(English Translation)

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Polarity)

Foreword

GB 17465 All technical content in this section is mandatory.

GB 17465 "Household and similar appliances couplers" or has plans to release the following sections.

- Part 1. General requirements.
- Part 2. Special requirements.
 - Part 2-1. Sewing machine couplers;
 - Part 2-2. Household and similar equipment interconnection couplers;
 - Part 2-3. protection higher than IPX0 appliance couplers;
 - Part 2-4. dependent on appliance weight for engagement coupler.

This part of GB 17465 Part 2-4.

This section drafted in accordance with GB/T 1.1-2009 given rules.

17465.4-2009 "Household and similar appliances - Part 2 couplers partially replace GB . coupled by appliance weight for engagement Clutch. " this section compared with GB 17465.4-2009, the main changes are as follows.

- Modify the first two dashes 5.5 contents;
- Paragraph 3 5.5, 7.1 "anti-overflow protection" with "having a liquid spill protection measures";
- An increase of 7.6;
- 8.1 weight increased engagement type connector rated current, rated voltage marking requirements;
- 8.2 adds support for the rated current weight intermeshing appliance inlet rated voltage marking requirements;
- Deleted 8.5, revised 8.6, adds new requirements;
- Revised 10.1;
- Increased 10.2;
- Increased 10.5;
- Increased 12.3;

- Revised 14.2;
- Modify the table 101 (Table 1 edition) test voltage in between live parts and accessible parts and live parts of isolation;
- 16.1 Paragraph 1 determines the minimum weight of the modified full engagement approach;
- Revised Chapter 18;
- Chapter 19 adds two annotations;
- Chapter 20 modifies the normal operation of the test method, in order to be consistent with the standard machine;
- Chapter 21 clearly heating test requirements can use the relevant electrical standards and increase the Note 2;
- 25.8 --- deleted, added new requirements;
- Chapter 26 clearly under the weight of intermeshing engagement and appliance inlet is not connected to the case engages weight intermeshing is tested;
- 26.3 complements the solid insulation of the content;
- Added Appendix B.

This section uses redrafted law revision adopted IEC 60320-2-4:2009 section "Household and similar appliances couplers 2-4.

Appliance weight for engagement by the coupler. " this part of IEC 60320-2-4:2009 technical differences and their reasons are as follows.

--- According to China's geographical and climatic environment, the provisions of the product temperature of the environment is "usually not more than 35 °C, but occasionally reaching 40 °C", to be consistent with GB 17465.1-2009. IEC 60320-2-4:2009 in a predetermined ambient temperature is "usually not more than 25 °C, but occasionally reaching 35 °C ".

--- On normative references, this part has been adjusted technical differences, in order to adapt our technical conditions, the adjusted situation Focus is reflected in the status of Chapter 2, "Normative references", the specific adjustments are as follows.

- measurement method GB/T 4207-2012 solid insulating materials resistance to tracking index and comparative tracking index (IEC 60112:2009, IDT) instead of IEC 60112;

- with GB 4706.1-2005 Safety of household and similar electrical appliances - Part 1. General requirements (IEC 60335-1.

2004, IDT) instead of IEC 60335-1;

- with the GB/T 5169.5-2008 Fire hazard testing for electric and electronic products - Part 5. Test flames - Needle-flame test side Law means, confirmatory test arrangement and guidance (IEC 60695-11-5:2004, IDT) instead of IEC 60695-11-5;
- with the GB/T 5169.16 Fire hazard testing for electric and electronic products - Part 16. Test flames - 50W horizontal and vertical Direct flame test methods (GB/T 5169.16-2008, IEC 60695-11-10:2003, IDT) instead of the IEC 60695-11-10;
- Because 24.1.3 references GB/T 5169.21, thus increasing the GB/T 5169.21 electric and electronic products in Chapter 2 Fire hazard testing - Part 21. Abnormal heat - Ball pressure test (GB/T 5169.21-2006, IEC 60695-10-2. 2003, IDT);
- with GB 14536 (all parts) for household and similar use automatic controller [IEC 60730 (all parts)] in place IEC 60730 (all parts);
- with GB 15092.1 Switches for appliances - Part 1. General requirements (GB 15092.1-2010, IEC 61058-1Ed.3.2. 2008, IDT) instead of IEC 61058-1;
- with the GB/T 16842-2008 housing for people and equipment protection test with a test (IEC 61032:1997, IDT) on behalf of the for IEC 61032;
- with an insulating inner GB/T 16935.1-2008 low voltage systems for equipment - Part 1. Principles, requirements and tests (IEC 60664-1:2007, IDT) instead of IEC 60664-1;
- with GB 17465.1-2009 household and similar appliances couplers - Part 1. General requirements (IEC 60320-1. 2007, MOD) instead of IEC 60320-1;
- with GB 17465.2 household and similar appliances couplers - Part 2. Household and similar equipment interconnection couplers (GB 17465.2-2009, IEC 60320-2-2:1998, MOD) instead of IEC 60320-2-2;
- with GB 17465.3 household and similar appliances couplers - Part 2. protection higher than IPX0 of appliance couplers Device (GB 17465.3-2008, IEC 60320-2-3:2005, IDT) instead of IEC 60320-2-3;
- GB 1002 increase of household and similar single-phase plugs and socket type, basic parameters and dimensions.
- In order to ensure correct use of coupling products, an increase of 8.1 and 8.2 weight intermeshing connector type and weight for engagement Appliance inlet rated current, rated voltage marking requirements.
- In order to adapt the coupler product on the whole product in actual use, consistent with