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

GB/T 17465.6-2022

**Appliance couplers for household and similar general purposes
- Part 3: Standard sheets and gauges**

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foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for Standardization Work Part 1. Structure and Drafting Rules of Standardization Documents" drafted.

This document is part 3 of GB/T 17465 "Couplers for Household and Similar Appliances". GB/T 17465 has issued the following part.

- Part 1. General Requirements (GB/T 17465.1);
- Part 2. Appliance couplers with protection levels higher than IPX0 (GB/T 17465.3);
- Part 2-4. Couplers engaged by the weight of appliances (GB/T 17465.4);
- Part 2-1. Sewing machine coupler (GB/T 17465.5);
- Part 3. Standard loose-leaf and gauge (GB/T 17465.6).

This document is modified to adopt IEC 60320-3:2018 "Couplers for household and similar appliances - Part 3. Standard loose-leaf and gauges".

The technical differences between this document and IEC 60320-3:2018 and their reasons are as follows.

--- Added "This document specifies the dimensions and gauges of two-pole and two-pole appliance couplers with grounding contacts.", to comply with

Requirements of GB/T 1.1 (see Chapter 1);

--- Replaced IEC 60320-1 with the normatively cited GB/T 17465.1-2022, and the degree of consistency between the two documents is revised

To adapt to our technical conditions and provide operability (see Chapter 3, 5.1 and

standard leaflet C7);

---According to the actual application of our products, the polarized connector (standard leaflet C7A) and the polarized appliance input have been added

Socket (standard loose-leaf C8C). Polarized connectors and polarized appliance input sockets improve product safety, according to

The actual application of polarized connectors and polarized appliance input sockets in my country, this document adds standard loose-leaf

C7A) and standard leaflet C8C).

The following editorial changes have been made to this document.

---In the first sentence of 6.32 of IEC 60320-3:2018, the "appliance outlet socket" is omitted in "acting on the connector", this document is added as

"Applies to connectors and appliance outlet sockets";

---In the first sentence of 6.34 of IEC 60320-3:2018, "the connector shall be able to be connected", the "appliance input socket" is omitted, this document is added as

"shall be capable of feeding the appliance into a socket/plug connector";

---In the first sentence of 6.36 of IEC 60320-3:2018, "the connector shall be able to be connected", the "appliance input socket" is omitted, this document is added as

"shall be capable of feeding the appliance into a socket/plug connector";

--- Replaced ISO 1101 with GB/T 1182 cited for information (see 5.1);

--- Replaced ISO 286-1 (see 5.1) with GB/T 1800.1 cited for information.

Please note that some content of this document may be patented. The issuing agency of this document assumes no responsibility for identifying patents.

Introduction

GB/T 17465 aims to standardize the technical requirements for household and similar appliance couplers, and to unify household and similar appliance couplers

The type and size of the product to ensure the safety and interchangeability of the product, it is intended to be composed of the following parts.

--- Part 1. General requirements (GB/T 17465.1). The purpose is to specify the protection against electric shock of couplers for household and similar appliances

protection, structure, mechanical properties, electrical properties and other technical requirements.

--- Part 2. Appliance couplers with a degree of protection higher than IPX0 (GB/T 17465.3). The purpose is to specify a degree of protection higher than

The technical requirements for protection against electric shock, structure, mechanical properties, electrical properties, etc., as well as dimensions and gauges of IPX0 appliance couplers.

--- Part 2-4. Couplers engaged by the weight of the appliance (GB/T 17465.4). The purpose is to specify the coupling that engages by the weight of the appliance.

The technical requirements for electric shock protection, structure, mechanical properties and electrical properties of the coupler.

--- Part 2-1. Sewing machine coupler (GB/T 17465.5). The purpose is to specify the protection against electric shock,

Technical requirements for structure, mechanical properties, electrical properties, etc.

--- Part 3. Standard loose-leaf and gauge (GB/T 17465.6). The purpose is to specify the coupling of two poles and two poles with earthing contacts

The size and gauge of the coupler.

This document can provide guidance for the production of household and similar appliance coupler products, improve the technical performance and safety and reliability of the products,

Guarantee the interchangeability of products and ensure the safety of people's electricity consumption.

Couplers for household and similar appliances

Part 3. Standard loose-leaf and gauges

1 Scope

This document specifies the dimensions and gauges of two-pole and two-pole appliance couplers with earthing contacts.

This document applies to two-pole and two-pole appliance couplers with earthing contacts, which are used for.

--- connect household or similar electrical equipment to mains power; and

--- interconnect the power supply to the appliance or equipment;

--- and the size of the gauge.

2 Normative references

The contents of the following documents constitute essential provisions of this document through normative references in the text. Among them, dated citations documents, only the version corresponding to that date applies to this document; for undated references, the latest edition (including all amendments) applies to this document.

GB/T 17465.1-2022 Couplers for household and similar appliances - Part 1.General requirements (IEC 60320-1.2021,

MOD)

IEC 60320-2-3.2018 Couplers for household and similar appliances - Part 2-3.Coupling of appliances with a degree of protection higher than IPX0

Note. GB/T 17465.3-2008 Household and similar appliance couplers - Part 2.Appliance couplers with a degree of protection higher than IPX0 (IEC 60320-

2-3.2005, IDT)

3 Terms and Definitions

Terms and definitions defined in GB/T 17465.1-2022 apply to this document.

4 General requirements

The general requirements for connecting the appliance coupler to the mains supply are detailed in Table 1.