

ICS 29.120.30
CCS K 65



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

GB 17465.3-2008

**Appliance couplers for household and similar general purposes
-- Part 2: Appliance couplers with a degree of protection higher
than IPX0**

家用和类似用途器具耦合器 第2部分：防护等级高于IPX0的器具耦合器
(English Translation)

Issued on: December 30, 2008

Implemented on: February 1, 2010

Issued by: Standardization Administration of China

Table of Contents

Preface	
IEC Foreword	
1 Scope	
2 Normative references	
3 Terms and definitions	
4 2 General requirements	
5 General notes	
6 Standard Rating	
7 Category	
8 Mark	
9 Dimensions and interchangeability	
10 5 Protection against electric shock	
11 Grounding	
12 Terminals and terminations	
13 Structure	
14 Moisture	
15 Insulation resistance and electric strength	
16 Connector insertion and removal force required	
8 Work 17 contacts	
18 For hot conditions or appliance couplers for very hot conditions the heat resistance of	
19 Breaking capacity	
20 Normal operation	
21 Temperature	
22 And its connecting cord	
Mechanical strength 23	
24 Heat-resistant and anti-aging properties	
25 Screws, current-carrying parts and connections	
26 Creepage distances, clearances and distances through insulation	
27 Heat-resistant insulating material, fire resistance and electrical traces of	
28 Rust	
29 Electromagnetic compatibility (EMC) requirements	

Appendix A (informative) factory wired appliance couplers routine tests related to safety (electric shock

Protection and correct polarity)

10A250V Connectors Standard Binder A IPX4 degree of protection for cold conditions II type of equipment

10A250V appliance for standard sheet B IPX4 degree of protection for cold conditions II class device input receptacle

Standard Binder C for cold conditions II type of equipment IPX4 degree of protection 6A250V connector

IPX4 degree of protection 6A250V appliance standard sheets D used for cold conditions II class equipment input socket

Foreword

All technical content in this section is mandatory.

GB 17465 "Household and similar appliances couplers" is divided into the following sections.

Part 1. General requirements (GB 17465.1) Part 2. Particular requirements (GB 17465.2 ~ 17465.4)

--- Household and similar equipment interconnection couplers;

--- Protection higher than IPX0 appliance couplers;

--- Appliance weight for engagement by the coupler.

This section GB 17465 Part 2. protection higher than IPX0 appliance coupler.

This section identical with IEC 60320-2-3:2005 Part (Version 1.1) "Household and similar appliances couplers 2-3. Protection Grades higher than IPX0 appliance couplers "and Amendment 1.2004.

This section should be used in conjunction with the GB 17465.1.

Appendix A of this section is an informative annex.

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. Bureau of Technical Supervision Guangzhou electrical safety testing, China Electric Apparatus Research Institute, the Guangdong quality supervision Governor Inspection Center, is Granville Technology (Shenzhen) Co., Futaik - LTK Co., Chaozhou City Chaohui Electronics Co., Ltd. Guangzhou, and Chang Electric Co., Ltd.,

Ningbo Economic and Technological Development Zone Haixin Electric Technology Co., Ltd.

1 Scope

GB 17465.1 This chapter is intended to make the following revised.

This section applies to.

--- For cold conditions, the water level is higher than IPX0 AC plug poles irreversible appliance coupler used for rated voltage not exceeding Over 250V, rated current not exceeding 10A, on a frequency of 50Hz or 60Hz AC power. For the circular cross-section Connect the power cord to the II class household appliances, commercial and light industrial use.

Note 1: GB 17465.1 of note for this entry.

Note 2: GB 17465.1 of note for this entry.

Note 3: GB 17465.1 of note for this entry.

Note 4: GB 17465.1 comments in this entry do not apply.

Note 5: GB 17465.1 of note for this entry.

Add notes.

Note 6: GB 4208 provides for prevention of harmful water level of protection;

Note 7: IEC 60536 specifies the classification of the device.

2 Normative references

The following documents contain provisions which, through reference in this Part of GB 17465, constitute provisions of this part. Cited documents dated, its all subsequent amendments (not including errata content) or revisions do not apply to this section, however, encourage each agreement under this section are Prescriptions can use the latest versions of these documents. For undated reference documents, the latest versions apply to this section.

GB 17465.1 Chapter 2 applies and adds the following references.

GB 4208 housing protection (IP Code) (GB 4208-2008, IEC 60529:2001, IDT)

3 Terms and Definitions

GB 17465.1 Chapter applies and adds the following definition.

3.101

Securing the appliance to the cord or cable input jack on the device used.

3.102

When the attachments as normal or according to the following conditions.

- a) For Connectors. not cooperating with the mating electrical accessories, but the opening position with cover;
- b) For plug connectors and appliance inlets. the mating electrical accessories mating in the most unfavorable level, the contacts (plug and plug Generated between sets) electrical contact.

With GB 17465.1 shown in FIG. 10 refers to the test surface attachment can be touched.

3.103

In normal circumstances the use of accessory parts that can be touched, with only the tools to dismantle, but without the use of tools to open.

GB 17465.3-2008/IEC 60320-2-3:2005 3.104 for one or more samples for type testing.

4 General requirements

GB 17465.1 chapter applies.

5 General Description, tests

GB 17465.1 make the following revised chapter apply.

5.1

GB 17465.1 section applies.

5.2

Replacement.

Unless otherwise specified, the sample according to the delivery status and normal usage, at an ambient temperature within the range of $20\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$, frequency AC 50Hz or 60Hz to be tested.

Test specimen shall be consistent with the general on all products that may affect the test results in detail.

Non-rewirable accessories shall be provided with at least electrical cord 1m long test. Rewirable electrical accessories application complies with GB 5023 Sheath-core round cord tested, unless otherwise specified in specific terms.