



National Standard of the People's Republic of China

GB/T 1002—2008
Replace GB 1002—1996

Single phase plugs and socket-outlets
for household and similar purposes—
Types, basic parameters and dimensions

家用和类似用途单相插头插座
型式、基本参数和尺寸

(English Translation)

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Contents

Foreword	III
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Technical requirements and test methods	2
5 Types, basic parameters and dimensions	2
Figure 1—Two-pole plug	3
Figure 2—Two-pole socket-outlet	3
Figure 3—Two-pole plug with earthing pin	4
Figure 4—Two-pole socket-outlet with earthing contact	4
Figure 5—Two-pole round-flat socket-outlets	5
Figure 6—Gauge for two-pole plug	5
Figure 7—Inner gauge for two-pole plug with earthing pin	6
Figure 8—Outer gauge for checking two-pole plug with earthing pin	7
Figure 9—Maximum “GO” gauge for two-pole socket-outlet	7
Figure 10—Minimum “GO” gauge for two-pole socket-outlet	8
Figure 11—“NOT-GO” gauge for two-pole socket-outlet	9
Figure 12—“Non-contact” gauge for two-pole socket-outlet	9
Figure 13—Maximum “GO” gauge for two-pole socket-outlet with earthing contact	10
Figure 14—Minimum “GO” gauge for two-pole socket-outlet with earthing contact	10
Figure 15—“NOT-GO” gauge for two-pole socket-outlet with earthing contact	11
Figure 16—“Non-contact” gauge for two-pole socket-outlet with earthing contact	11
Figure 17—“GO” gauge for round apertures portion of two-pole round flat socket-outlet	12
Figure 18—“NOT-GO” gauge for round apertures portion of two-pole round flat socket-outlet	12
Table 1—Basic parameters and dimensions	3
Table 2—Basic parameters and dimensions	3
Table 3—Basic parameters and dimensions	4
Table 4—Basic parameters and dimensions	5
Table 5—Basic parameters and dimensions	5
Table 6—Dimensions of the gauge of Figure 6	6
Table 7—Dimensions of the gauge of Figure 7	6
Table 8—Dimensions of the gauge of Figure 8	7
Table 9—Dimensions of the gauge of Figure 9	8
Table 10—Dimensions of the gauge of Figure 10	8
Table 11—Dimensions of the gauge of Figure 11	9
Table 12—Dimensions of the gauge of Figure 12	9

Table 13—Dimensions of the gauge of Figure 13	10
Table 14—Dimensions of minimum “GO” gauge of Figure 14	10
Table 15—Dimensions of the gauge of Figure 15	11
Table 16—Dimensions of the gauge of Figure 16	11
Table 17—Dimensions of the gauge for Figure 17	12
Table 18—Dimensions of the gauge for Figure 18	12

Foreword

SAC/TC 67 is in charge of this English translation. In case of any doubt about the contents of English translation, the Chinese original shall be considered authoritative.

This standard replaces the GB 1002—1996 *Single phase plugs and socket-outlets for household and similar purposes types, basic parameters and dimensions in whole*.

The main differences between this standard and GB 1002—1996 are:

- add the requirement of the distance from the live contacts to the engagement face of the socket-outlets in clause 5;
- add the insertion force of gauges in clause 5;
- add the requirement for a 16 A two-pole plug in clause 5;
- for spacing of plug pins of the plugs and entry holes of the socket-outlets, valid numerical digits of dimension tolerances are simplified from three digits to two digits;
- increase the quantity of gauges and modify tolerances and dimensions of them;
- add maximum and minimum “GO” gauges for dimension checking for two-pole socket-outlet with or without earthing contact;
- add “non-contact” gauges for dimension checking for two-pole socket-outlet with or without earthing contact;
- add “NOT-GO” gauge for dimension checking for the two-pole round-flat socket-outlet.

This standard only specifies the types, basic parameters and dimensions of single phase plugs and socket-outlets for household and similar purposes. The relevant technical requirements and test methods shall comply with GB 2099.1—2008.

This standard was proposed by China Electrical Equipment Industrial Association (CEEIA).

This standard was prepared by SAC/TC 67 National Technical Committee on Electrical Accessories of Standardization Administration of China.

The previous versions of this standard are as follows:

- GB 1002—1980, GB 1002—1996.

Single phase plugs and socket-outlets for household and similar purposes— Types, basic parameters and dimensions

1 Scope

This standard specifies the types, the basic parameters and dimensions of single phase plugs and socket-outlets for household and similar purposes.

This standard is applicable to single phase plugs and fixed or portable socket-outlets for a.c.50 Hz only, with a rated voltage of 250 V and a rated current not exceeding 16 A, intended for household and similar purposes.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB/T 2900.70—2008, *Electrotechnical terminology—Electrical accessories* (IEC 60050-442:1998, IDT)

GB/T 2099.1—2008, *Plugs and socket-outlets for household and similar purposes—Part 1: General requirements* (IEC 60884-1:2006, MOD)

GB/T 1184—1996, *Geometrical tolerancing—Geometrical tolerance for features without individual tolerance indications* (eqv ISO 2768-2:1989)

3 Terms and definitions

For the purpose of this document, the terms and definitions given in GB/T 2900.70—2008 and GB 2099.1—2008 apply.