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SANS 164-6:2010

Edition 1.3

SOUTH AFRICAN NATIONAL STANDARD

**Plug and socket-outlet systems for
household and similar purposes for use
in South Africa**

**Part 6: Two-pole systems, 16 A 250 V a.c.,
for connection of class II equipment**

Amdt 1

**WARNING — Can only be used
in conjunction with
SANS 164-0.**

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Table of changes

Change No.	Date	Scope
Amdt 1	2008	Amended to correct the title, to delete the 10 A rating from the scope, to require socket-outlets fitted with a cord to be non-rewirable, to correct the drawings in standard sheet 6-1, to change requirements for gauges C2, C4 and C7, and to add gauge C2B.
Amdt 2	2009	Amended to change a dimensional requirement of two-pole socket-outlets for class II equipment.
Amdt 3	2010	Amended to change a dimension of the guidance hole of a socket contact in standard sheet 6-1.

Foreword

This South African standard was approved by National Committee SABS SC 67C, *Electricity distribution systems and components – Electrical accessories*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This document was published in December 2010.

This document supersedes SANS 164-6:2009 (edition 1.2).

A vertical line in the margin shows where the text has been technically modified by amendment No. 3.

This document adopts the dimensions, ratings, and non-rewirability clauses of CEE specification 7, *Specification for plugs and socket-outlets for domestic and similar purposes*.

SANS 164 consists of the following parts, under the general title *Plug and socket-outlet systems for household and similar purposes for use in South Africa*:

Part 0: General and safety requirements.

Part 1: Conventional system, 16 A 250 V a.c.

Part 2: IEC system, 16 A 250 V a.c.

Part 3: Conventional system, 6 A 250 V a.c.

Part 4: Dedicated system, 16 A 250 V a.c.

Part 5: Two-pole, non-rewirable plugs, 2,5 A 250 V a.c., with cord, for connection of class II equipment.

Part 6: Two-pole systems, 16 A 250 V a.c., for connection of class II equipment.

This document, by reference in SANS 164-0, forms part of the *Compulsory specification for plugs, socket-outlets and socket-outlet adaptors*, as published in the Government Gazette.

Annexes A, B, C, D, E and F form an integral part of this document.

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Plug and socket-outlet systems for household and similar purposes for use in South Africa

Part 6:

Two-pole systems, 16 A 250 V a.c., for connection of class II equipment

Amdt 1

1 Scope

This part of SANS 164 covers the rating and dimensions of two-pole plugs and socket-outlets, rated at 16 A 250 V a.c., without earthing contact, for connection of class II equipment for household and similar purposes in South Africa.

Amdt 1

2 Normative reference

The following referenced document is indispensable for the application of this document. All normative documents are subject to revision and, since any reference to a normative document is deemed to be a reference to the latest edition of that document, parties to agreements based on this document are encouraged to take steps to ensure the use of the most recent edition of the normative document indicated below. Information on currently valid national and international standards can be obtained from the SABS Standards Division.

SANS 164-0, *Plug and socket-outlet systems for household and similar purposes for use in South Africa – Part 0: General and safety requirements.*

3 Definitions

For the purposes of this document, the definitions given in SANS 164-0 apply.

4 Requirements

4.1 The relevant requirements of SANS 164-0 apply. **Amdt 1**

4.2 Plugs and socket-outlets shall be rated at 16 A, 250 V a.c. **Amdt 1**

4.3 Plugs and socket-outlets fitted with a cord shall be non-rewirable. **Amdt 1**

4.4 Plugs and socket-outlets shall conform to the dimensions given on the appropriate of standard sheets 6-1 or 6-2.

4.5 Gauges for the checking of dimensions are given in annexes A to F.