

ISBN 978-0-626-38657-3

**SANS 164-0:2020**

Edition 1.7

# **SOUTH AFRICAN NATIONAL STANDARD**

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

### **Part 0: General requirements**

Amdt 5

**WARNING**

**This document references other  
documents normatively.**

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**Table of changes**

<b>Change No.</b>	<b>Date</b>	<b>Scope</b>
Amdt 1	2007	Amended to include requirements for incorporated surge protection devices.
Amdt 2	2012	Amended to change the requirements for surge protective devices, and to provide drawings to illustrate common mode and differential mode surge protection.
Amdt 3	2016	Amended to update referenced standards and to change the clause on requirements.
Amdt 4	2017	Amended to update referenced standards, to update general requirements, and to include the requirements on USB outlets for fixed installation.
Amdt 5	2018	Amended to change the title of the standard, and to update the list of parts in the foreword, referenced standards and requirements.
Amdt 6	2019	Amended to update the clause on requirements, and to renumber a figure and a note accordingly.
Amdt 7	2020	Amended to update the sub-clause on dimensions.

**Foreword**

This South African standard was prepared by National Committee SABS/TC 067/SC 03, *Electricity distribution systems and components – Electrical accessories*, in accordance with procedures of the South African Bureau of Standards, in compliance with annex 3 of the WTO/TBT agreement.

This document was approved for publication in June 2020.

This document supersedes SANS 164-0:2019 (edition 1.6).

A vertical line in the margin shows where the text has been technically modified by amendment No. 7.

This document will be effective 12 months from the date of publication at which date edition 1.6 will be withdrawn.

**This document is referenced in the *Compulsory specification for plugs, socket-outlets and socket-outlet adaptors*, as published by Government Notice No. R. 1075 (Government Gazette 33763) of 19 November 2010.**

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*:

<i>Part 0: General requirements.</i>	<b>Amdt 5</b>
<i>Part 1: Two-pole and earth, 16 A 250 V a.c. system.</i>	<b>Amdt 5</b>
<i>Part 2: Two-pole and earth and 2 pin (Class II), 16 A 250 V a.c. system.</i>	<b>Amdt 5</b>
<i>Part 2-1: Two-pole and earth, 16 A 250 V a.c. partially dedicated system.</i>	<b>Amdt 5</b>
<i>Part 2-2: Two-pole and earth, 16 A 250 V a.c. fully dedicated system.</i>	<b>Amdt 5</b>
<i>Part 3: Two-pole and earth, 6 A 250 V a.c. system.</i>	<b>Amdt 5</b>
<i>Part 4: Two-pole and earth, 16 A 250 V a.c. dedicated system.</i>	<b>Amdt 5</b>
<i>Part 5: Two-pole (Class II), 2.5 A 250 V a.c. non rewirable plug.</i>	<b>Amdt 5</b>
<i>Part 6: Two-pole (Class II), 16 A 250 V a.c. system.</i>	<b>Amdt 5</b>

**Compliance with this document cannot confer immunity from legal obligations.**

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