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Edition 1 and nat. amdt 1

IEC 60906-3:1994

Edition 1

Any reference to SABS IEC 60906-3 is deemed
to be a reference to this standard
(Government Notice No. 1373 of 8 November 2002)

SOUTH AFRICAN NATIONAL STANDARD

IEC system of plugs and socket-outlets for household and similar purposes

Part 3: SELV plugs and socket-outlets, 16 A 6 V, 12 V, 24 V, 48 V, a.c and d.c

This national standard is the identical implementation of IEC 60906-3:1994, and is adopted with the permission of the International Electrotechnical Commission.

**WARNING — Can only be
used in conjunction with
SANS 60884-2-4.**

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Table of changes

Change No.	Date	Scope
Nat. amdt 1	2007	Amended to change the designation from SABS to SANS, with no technical changes.

National 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 SABS, in compliance with annex 3 of the WTO/TBT agreement.

This part of SANS 60906 was published in March 2007. This SANS edition is technically identical to the first SABS edition (SABS IEC 60906-3:1994). National amendment 1 has been added.

Compliance with this document cannot confer immunity from legal obligations.

**Reaffirmed and reprinted in May 2017.
This document will be reviewed every five years
and be reaffirmed, amended, revised or withdrawn.**

**NORME
INTERNATIONALE
INTERNATIONAL
STANDARD**

**CEI
IEC**

60906-3

Première édition
First edition
1994-07

**Système CEI de prises de courant
pour usages domestiques et analogues**

Partie 3:

**Prises de courant pour TBTS, 16 A 6 V, 12 V,
24 V, 48 V courant alternatif et courant continu**

**IEC System of plugs and socket-outlets
for household and similar purposes**

Part 3:

**SELV plugs and socket-outlets, 16 A 6 V,
12 V, 24 V, 48 V, a.c. and d.c.**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

IEC SYSTEM OF PLUGS AND SOCKET-OUTLETS FOR HOUSEHOLD AND SIMILAR PURPOSES –

Part 3: SELV plugs and socket-outlets, 16 A 6 V, 12 V, 24 V, 48 V a.c. and d.c.

FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international cooperation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters, prepared by technical committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 3) They have the form of recommendations for international use published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.

International Standard IEC 906-3 has been prepared by sub-committee 23B: Plugs, socket-outlets and switches, of IEC technical committee 23: Electrical accessories.

The text of this standard is based on the following documents:

DIS	Report on voting
23B(CO)179	23B(CO)191

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

IEC 906 consists of the following parts, under the general title, *IEC System of plugs and socket-outlets for household and similar purposes*:

- Part 1: 1986, Plugs and socket-outlets 16 A 250 V a.c.
- Part 2: 1992, Plugs and socket-outlets 15 A 125 V a.c.

IEC SYSTEM OF PLUGS AND SOCKET-OUTLETS FOR HOUSEHOLD AND SIMILAR PURPOSES –

Part 3: SELV plugs and socket-outlets, 16 A 6 V, 12 V, 24 V, 48 V a.c. and d.c.

1 Scope

This part of IEC 906 applies to the IEC SELV System of plugs, fixed and portable socket-outlets and to socket-outlets for appliances rated 16 A 6 V, 12 V, 24 V, 48 V a.c. and d.c., intended for household and similar purposes, either indoors or outdoors.

2 Requirements and tests

Plugs and socket-outlets of the IEC SELV System shall conform to the relevant standard sheet of this standard.

In addition, plugs and socket-outlets shall comply with all the relevant requirements of IEC 884-2-4.