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Edition 1 and nat. amdt 1

**IEC 60947-5-6:1999**

Edition 1

Any reference to SABS IEC 60947-5-6 is deemed  
to be a reference to this standard  
(Government Gazette No. 1373 of 8 November 2002)

# **SOUTH AFRICAN NATIONAL STANDARD**

## **Low-voltage switchgear and controlgear**

### **Part 5-6: Control circuit devices and switching elements — DC interface for proximity sensors and switching amplifiers (NAMUR)**

This national standard is the identical implementation of IEC 60947-5-6:1999, and is adopted with the permission of the International Electrotechnical Commission.

**SANS 60947-5-6:1999**

Edition 1 and nat. amdt 1

**IEC 60947-5-6:1999**

Edition 1

**Table of changes**

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

**National foreword**

This South African standard was approved by National Committee SABS/TC 067/SC 02, *Electricity distribution systems and components – Low-voltage switchgear*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This SANS document supersedes SABS IEC 60947-5-6:1999 (edition 1).

**Reaffirmed and reprinted in August 2015.  
This document will be reviewed every five years  
and be reaffirmed, amended, revised or withdrawn.**

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**Appareillage à basse tension –**

**Partie 5-6:**

**Appareils et éléments de commutation  
pour circuits de commande –**

**Interface à courant continu pour capteurs de  
proximité et amplificateurs de commutation (NAMUR)**

**Low-voltage switchgear and controlgear –**

**Part 5-6:**

**Control circuit devices and switching elements –  
DC interface for proximity sensors and switching  
amplifiers (NAMUR)**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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### LOW-VOLTAGE SWITCHGEAR AND CONTROLGEAR –

#### **Part 5-6: Control circuit devices and switching elements – DC interface for proximity sensors and switching amplifiers (NAMUR)**

### FOREWORD

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International Standard IEC 60947-5-6 has been prepared by subcommittee 17B: Low-voltage switchgear and controlgear, of IEC technical committee 17: Switchgear and controlgear.

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

FDIS	Report on voting
17B/1011/FDIS	17B/1030/RVD

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

This publication has been drafted in accordance with the ISO/IEC Directives, Part 3.

The committee has decided that this publication remains valid until 2003.

At this date, in accordance with the committee's decision, the publication will be

- reconfirmed;
- withdrawn;
- replaced by a revised edition, or
- amended.