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**SANS 60099-1:1999**

Edition 1.1 and nat. amdt 1

**IEC 60099-1:1999**

Edition 3.1

Any reference to SABS IEC 60099-1 is deemed  
to be a reference to this standard  
(Government Notice No. 1373 of 8 November 2002)

# **SOUTH AFRICAN NATIONAL STANDARD**

## **Surge arresters**

### **Part 1: Non-linear resistor type gapped surge arresters for a.c systems**

This national standard is the identical implementation of IEC 60099-1:1999, and is adopted with the permission of the International Electrotechnical Commission.

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**Table of changes**

<b>Change No.</b>	<b>Date</b>	<b>Scope</b>
IEC amdt 1	1999	Amended to change the requirements for arrester identification and for long-duration current withstand, to change the parameters for wet tests, to add limits for switching impulse sparkover voltage for heavy-duty arresters and to replace the "pressure-relief tests" with "short-circuit tests".
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 05, *Electricity distribution systems and components – Electricity distribution*, in accordance with procedures of the South African Bureau of Standards, in compliance with annex 3 of the WTO/TBT agreement.

This SANS document was published in September 2007.

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<p><b>Reaffirmed and reprinted in February 2018. This document will be reviewed every five years and be reaffirmed, amended, revised or withdrawn.</b></p>
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**NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD**

**CEI  
IEC**

**60099-1**

**Edition 3.1**

1999-12

Edition 3:1991 consolidée par l'amendement 1:1999  
Edition 3:1991 consolidated with amendment 1:1999

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**Parafoudres –**

**Partie 1:  
Parafoudres à résistance variable avec  
éclateurs pour réseaux à courant alternatif**

**Surge arresters –**

**Part 1:  
Non-linear resistor type gapped surge arresters  
for a.c. systems**

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