

ISBN 978-0-626-22961-0

**SANS 61000-3-2:2009**

Edition 3.2

**IEC 61000-3-2:2009**

Edition 3.2

## **SOUTH AFRICAN NATIONAL STANDARD**

### **Electromagnetic compatibility (EMC)**

### **Part 3-2: Limits — Limits for harmonic current emissions (equipment input current $\leq$ 16 A per phase)**

This national standard is the identical implementation of IEC 61000-3-2:2009, 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	2008	Amended to add definitions for the repeatability, reproducibility and variability of results of measurement, and provide additional test conditions for the measurement of harmonic currents associated with equipment such as vacuum cleaners and IT equipment.
IEC amdt 2	2009	Amended to add two normative references, a definition for total harmonic distortion and a simplified test method for equipment that undergoes minor changes or updates, and to replace and add a new figure 2 and text relating to measurement procedure, limits for Class C equipment, and test conditions for audio amplifiers, lamps and washing machines.

**National foreword**

This South African standard was approved by National Committee SABS TC 73, *Electromagnetic compatibility*, in accordance with procedures of the SABS Standards Division, in compliance with annex 3 of the WTO/TBT agreement.

This SANS document was published in June 2009.

This SANS document supersedes SANS 61000-3-2:2006 (edition 3 as modified by IEC amdt 1:2008).



# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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**Electromagnetic compatibility (EMC) –  
Part 3-2: Limits – Limits for harmonic current emissions (equipment input  
current  $\leq 16$  A per phase)**

**Compatibilité électromagnétique (CEM) –  
Partie 3-2: Limites – Limites pour les émissions de courant harmonique  
(courant appelé par les appareils  $\leq 16$  A par phase)**

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ELECTROTECHNICAL  
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INTERNATIONALE

PRICE CODE **CG**  
CODE PRIX