

# TECHNICAL REPORT

BASIC EMC PUBLICATION

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**Electromagnetic compatibility (EMC) –  
Part 4-1: Testing and measurement techniques – Overview of the IEC 61000-4  
series**





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INTERNATIONAL  
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**ELECTROMAGNETIC COMPATIBILITY (EMC) –****Part 4-1: Testing and measurement techniques –  
Overview of the IEC 61000-4 series**

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IEC TR 61000-4-1, which is a technical report, has been prepared by IEC technical committee 77: Electromagnetic compatibility.

This Technical Report forms Part 4-1 of IEC 61000. It has the status of a basic EMC publication in accordance with IEC Guide 107.

This first edition as a Technical Report cancels and replaces the third edition of the International Standard published in 2006. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) updates the text to include reference to the latest publications of the IEC 61000-4 series;
- b) gives more detailed assignment between applicable immunity tests and the electromagnetic environment in which equipment is intended to be used.

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

|               |                  |
|---------------|------------------|
| Enquiry draft | Report on voting |
| 77/498/DTR    | 77/508/RVC       |

Full information on the voting for the approval of this technical report 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 2.

A list of all parts in the IEC 61000 series, published under the general title *Electromagnetic compatibility (EMC)*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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- withdrawn,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

A bilingual version of this publication may be issued at a later date.