

Australian/New Zealand Standard™

Electromagnetic compatibility (EMC)

Part 4.5: Testing and measurement techniques—Surge immunity test



AS/NZS 61000.4.5:2006

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee TE-003, Electromagnetic Interferences. It was approved on behalf of the Council of Standards Australia on 19 April 2006 and on behalf of the Council of Standards New Zealand on 19 May 2006.

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AS/NZS 61000.4.5:2006

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE-003, Electromagnetic Interferences to supersede AS/NZS 61000.4.5:1999. It is one of a series of Standards intended to facilitate control of electromagnetic interference and the compatibility of electrical and electronic equipment.

This Standard is identical with, and has been reproduced from IEC 61000-4-5:2005, *Electromagnetic compatibility (EMC)—Part 4-5: Testing and measuring techniques—Surge immunity test*.

The objective of this Standard is to provide designers, manufacturers, and testers of equipment incorporating electrical or electronic operation with methods of test for ascertaining immunity to electromagnetic disturbances. As this Standard is reproduced from an international standard, the following applies:

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60050 International Electrotechnical Vocabulary (IEV)	—
60050 Chapter 161: Electromagnetic compatibility (161)	—
60060 High-voltage test techniques	—
60060-1 Part 1: General definitions and test requirements	—
60469 Pulse techniques and apparatus	—
60469-1 Part 1: Pulse terms and definitions	—

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