

Australian/New Zealand Standard™

Electromagnetic compatibility (EMC)

Part 3.3: Limits—Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection



AS/NZS 61000.3.3:2012

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-034, Power Quality. It was approved on behalf of the Council of Standards Australia on 30 May 2012 and on behalf of the Council of Standards New Zealand on 8 June 2012.

This Standard was published on 28 June 2012.

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This Standard was issued in draft form for comment as DR AS/NZS 61000.3.3.

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Originated in Australia as AS 2279.3—1985.
First New Zealand edition AS/NZS 61000.3.3:1998.
Previous edition AS/NZS 61000.3.3:2006.
Fourth edition 2012.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-034, Power Quality, to supersede AS/NZS 61000.3.3:2006, *Electromagnetic compatibility (EMC)—Part 3.3: Limits—Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection (IEC 61000-3-3, Ed.1.2 (2005) MOD)*.

The objective of this Standard is to specify limits of voltage changes which may be produced by equipment tested under specified conditions and to provide guidance on methods of assessment.

This Standard is identical with, and has been reproduced from IEC 61000-3-3, Ed.2.0 (2008), *Electromagnetic compatibility (EMC)—Limits—Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection*.

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<i>Reference to International Standard</i>		<i>Australian or Australian/New Zealand Standard</i>	
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60974-1	Part 1: Welding power sources	60974.1	Part 1: Welding power sources (IEC 60974-1:2000, MOD)
		AS/NZS	
61000	Electromagnetic compatibility (EMC)	61000	Electromagnetic compatibility (EMC)
61000-3-2	Part 3-2: Limits—Limits for harmonic current emissions (equipment input current ≤ 16 A per phase)	61000.3.2	Part 3.2: Limits—Limits for harmonic current emissions (equipment input current ≤ 16 A per phase) IEC 61000-3-2, Ed. 3.0 (2005) MOD
61000-3-11	Part 3-11: Limits—Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems—Equipment with rated current ≤ 75 A and subject to conditional connection	61000.3.11	Part 3.11: Limits—Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems—Equipment with rated current ≤ 75 A and subject to conditional connection
61000-4-15	Part 4-15: Testing and measurement techniques—Flickermeter—Functional and design specifications	61000.4.15	Part 4.15: Testing and measurement techniques—Flickermeter—Function and design specifications

The term ‘normative’ has been used in this Standard to define the application of the annex to which it applies. A ‘normative’ annex is an integral part of a Standard.

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