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AS/NZS 61000.3.3:2006

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 (IEC 61000-3-3, Ed. 1.2(2005) MOD)

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Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Australian Energy Market Commission
Australian Information Industry Association
Bureau of Steel Manufacturers of Australia
Consumers Federation of Australia
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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 61000.3.3:2003.

The objective of this Standard is to provide manufacturers and suppliers of electricity, and users of electrical equipment intended for connection to an electrical network, with limits for voltage fluctuations and flicker produced by that equipment and the methods for ascertaining compliance to them in order to maintain electromagnetic compatibility within the electrical network.

This Standard is an adoption with national modifications and has been reproduced from IEC 61000-3-3, Ed. 1.2 (2005), *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*, and has been varied as indicated to take account of Australian/New Zealand conditions.

Variations to IEC 61000-3-3, Ed. 1.2 (2005) are indicated at the appropriate places throughout this standard. Strikethrough (~~example~~) identifies IEC text, tables and figures which, for the purposes of this Australian/New Zealand Standard, are deleted. Where text, tables or figures are added, each is set in its proper place and identified by shading (example). Added figures are not themselves shaded, but are identified by a shaded border.

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CONTENTS

Page

Introduction iv
1 Scope 1
2 Normative references 1
3 Definitions 2
4 Assessment of voltage changes, voltage fluctuations and flicker 4
4.1 Assessment of a relative voltage change, "*d*" 4
4.2 Assessment of the short-term flicker value, P_{st} 4
4.3 Assessment of long-term flicker value, P_{lt} 6
5 Limits 6
6 Test conditions 7
6.1 General 7
6.2 Measurement accuracy 7
6.3 Test supply voltage 8
6.4 Reference impedance 8
6.5 Observation period 8
6.6 General test conditions 8
Annex A (normative) Application of limits and type test conditions for specific equipment 13
Annex B (normative) Test conditions and procedures for measuring d_{max} voltage changes caused by manual switching 20

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