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IEC 61000-4-15:2010
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(Incorporating Amendment No. 1)

Australian/New Zealand Standard™

Electromagnetic compatibility (EMC)

Part 4.15: Testing and measurement techniques — Flickermeter — Functional and design specifications

AS/NZS 61000.4.15:2012

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Consumer Electronics Suppliers Association
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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 61000.4.15:2005, *Electromagnetic compatibility (EMC)—Part 4.15: Testing and measurement techniques—Flickermeter—Function and design specifications*.

〈A1〉Amendment No. 1 to this Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-034, Power Quality.〈A1〉

〈A1〉*This Standard incorporates Amendment No. 1 (October 2023). The start and end of changes introduced by the Amendment are indicated in the text by tags including the Amendment number 1.*〈A1〉

The objective of this Standard is to provide basic information for the design and the instrumentation of an analogue or digital flicker measuring apparatus. It does not give tolerance limit values of flicker severity.

〈A1〉This document is identical with, and has been reproduced from IEC 61000-4-15, Ed 2.0 (2010), *Electromagnetic compatibility (EMC) – Part 4.15: Testing and measurement techniques – Flickermeter – Functional and design specifications* and incorporates its Corrigendum 1 (2012) and its Interpretation Sheet No.1 (2017) which has been added at the end of the source text.〈A1〉

As this Standard is reproduced from an International Standard, the following applies:

(a) Its number appears on the cover and title page while the International Standard number appears only on the cover.

(b) In the source text 'this part of IEC 61000' should read 'this part of AS/NZS 61000'.

(c) A full point substitutes for a comma when referring to a decimal marker.

References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

IEC 60068, Environmental testing	AS 60068, Environmental testing
IEC 61000-3-3, *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, *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 61000-3-11, *Electromagnetic compatibility (EMC), 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*	AS/NZS 61000.3.3, *Electromagnetic compatibility (EMC), 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*
IEC 61010-1, *Safety requirements for electrical equipment for measurement, control, and laboratory use, Part 1: General requirements*	AS/NZS 61010.1, *Safety requirements for electrical equipment for measurement, control, and laboratory use, Part 1: General requirements*

The terms 'normative' and 'informative' have been used in this Standard to define the application of the annex to which they apply. A 'normative' annex is an integral part of a Standard, whereas an 'informative' annex is only for information and guidance

NOTES