This is a free page sample. Access the full version online.

AS/NZS 61000.4.15:2012
IEC 61000-4-15:2010
IEC 61000-4-15:2010/COR1:2012
IEC 61000-4-15:2010/ISH1:2017
(Incorporating Amendment No. 1)

Australian/New Zealand Standard™

Electromagnetic compatibility (EMC)

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

This is a free page sample. Access the full version online.

AS/NZS 61000.4.15:2012

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 4 May 2012 and on behalf of the Council of Standards New Zealand on 26 April 2012.

This Standard was published on 22 May 2012.

The following are represented on Committee EL-034:

Australian Chamber of Commerce and Industry
Australian Industry Group
Australian Information Industry Association
Bureau of Steel Manufacturers of Australia
Consumer Electronics Suppliers Association
Consumers Federation of Australia
Electrical Regulatory Authorities Council
Electricity Engineers Association, New Zealand
Energy Networks Association
Engineers Australia
Lighting Council of Australia
Ministry of Economic Development, New Zealand
National Measurement Institute
New Zealand Coordinating Committee on Power and Telecommunication Systems
New Zealand Electric Fence Energiser Manufacturers Standards WG
Telstra Corporation
University of Canterbury, New Zealand
University of Wollongong

This Standard was issued in draft form for comment as DR AS/NZS 61000.4.15.

Keeping Standards up-to-date

Ensure you have the latest versions of our publications and keep up-to-date about Amendments, Rulings, Withdrawals, and new projects by visiting:

www.standards.org.au

www.standards.govt.nz

ISBN 978 1 74342 114

This is a free page sample. Access the full version online.

AS/NZS 61000.4.15:2012
IEC 61000-4-15:2010
IEC 61000-4-15:2010/COR1:2012
IEC 61000-4-15:2010/ISH1:2017
(Incorporating Amendment No. 1)

Australian/New Zealand Standard™

Electromagnetic compatibility (EMC)

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

First published (in part) as AS/NZS 4376:1996 and AS/NZS 4377:1996.
Previous edition AS/NZS 61000.4.15:2005.
Second edition 2012.
Reissued incorporating Amendment No 1 (November 2023).

© IEC Geneva Switzerland 2012 —
© Standards Australia Limited/the Crown in right of New Zealand, administered by the New Zealand Standards Executive 2023

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher, unless otherwise permitted under the Copyright Act 1968 (Cth) or the Copyright Act 1994 (New Zealand).

This is a free page sample. Access the full version online.

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

© Standards Australia Limited/Standards New Zealand 2023

This is a free page sample. Access the full version online.

NOTES

SAI GLOBAL

This is a free preview. Purchase the entire publication at the link below:

Product Page

Looking for additional Standards? Visit Intertek Inform Infostore

Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation