

AS/NZS IEC 60947.5.2:2015
IEC 60947-5-2, Ed. 3.1 (2012)

AS/NZS IEC 60947.5.2:2015

Australian/New Zealand Standard™

Low-voltage switchgear and controlgear

**Part 5.2: Control circuit devices and
switching elements—Proximity switches**



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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-006, Industrial Switchgear and Controlgear, to supersede AS 60947.5.2—2004.

The objective of this Standard is to state for proximity switches—

- (a) definitions;
- (b) classification;
- (c) characteristics;
- (d) product information;
- (e) normal service, mounting and transport conditions;
- (f) constructional and performance requirements;
- (g) tests to verify rated characteristics.

This Standard is identical with, and has been reproduced from, IEC 60947-5-2, Ed. 3.1 (2012), *Low-voltage switchgear and controlgear*, Part 5.2: *Control circuit devices and switching elements—Proximity switches*. A vertical line in the margin shows where IEC 60947-5-2, Ed. 3.0 (2007) has been modified its amendment 1 (2012). Additions and deletions are displayed in red, with deletions being struck through.

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

- (i) In the source text ‘this part of IEC 60947’ should read ‘this Australian/New Zealand Standard’.
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References to International Standards should be replaced by references to Australian or Australian/New Zealand Standards, as follows:

<i>Reference to International Standard</i>		<i>Australian/New Zealand Standard</i>	
IEC		AS/NZS	
61000	Electromagnetic compatibility (EMC)	61000	Electromagnetic compatibility (EMC)
61000-4-11	Part 4-11: Testing and measurement techniques—Voltage dips, short interruptions and voltage variations immunity tests	61000.4.11	Part 4.11: Testing and measurement techniques—Voltage dips, short interruptions and voltage variations immunity tests (IEC 61000-4-11, Ed.2.0(2004) MOD)
61000-4-13	Part 4-13: Testing and measurement techniques—Harmonics and interharmonics including mains signalling at a.c. power port, low-frequency immunity tests Amendment 1:2009	61000.4.13	Part 4.13: Testing and measurement techniques—Harmonics and interharmonics including mains signalling at a.c. power port, low-frequency immunity tests
CISPR		AS/NZS CISPR	
11	Industrial, scientific and medical equipment—Radio-frequency disturbance characteristics—Limits and methods of measurement Amendment 1:2010	11	Industrial, scientific and medical (ISM) radio-frequency equipment—Electromagnetic Radio-frequency disturbance characteristics—Limits and methods of measurement

Only normative references that have been adopted as Australian or Australian/New Zealand Standards have been listed.

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

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