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AS/NZS IEC 60947.5.9:2015

Australian/New Zealand Standard™

Low-voltage switchgear and controlgear

Part 5.9: Control circuit devices and switching elements—Flow rate switches

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This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-006, Industrial Switchgear and Controlgear. It was approved on behalf of the Council of Standards Australia on 27 May 2015 and on behalf of the Council of Standards New Zealand on 29 May 2015.
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Part 5.9: Control circuit devices and switching elements—Flow rate 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.

The objective of this Standard is to state for flow rate switches—

(a) definitions;

(b) classifications;

(c) characteristics;

(d) product information;

(e) normal service, mounting and transport conditions;

(f) constructional and performance requirements; and

(g) tests to verify rated characteristics.

This Standard is identical with, and has been reproduced from, IEC 60947-5-9, Ed. 1.0 (2006), *Low-voltage switchgear and controlgear*, Part 5.9: *Control circuit devices and switching elements—Flow rate switches*.

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:

Reference to International Standard		*Australian/New Zealand Standard*	
IEC		AS/NZS IEC	
60947	Low-voltage switchgear and controlgear	60947	Low-voltage switchgear and controlgear
60947-1	Part 1: General rules	60947.1	Part 1: General rules
60947-5-2	Part 5-2: Control circuit devices and switching elements—Proximity switches Amendment 1 (1999) Amendment 2 (2003)	60947.5.2	Part 5.2: Control circuit devices and switching elements—Proximity switches
		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		AS/NZS	
61000-3-3	Part 3-3: Limits— Section 3: 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 Amendment 1 (2001) Amendment 2 (2005)	61000.3.3	Part 3.3: Limits— Section 3: 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 IEC	
61000-4-2	Part 4-2: Testing and measurement techniques—Electrostatic discharge immunity test Amendment 1 (1998) Amendment 2 (2000)	61000.4.2	Part 4.2: Testing and measurement techniques—Electrostatic discharge immunity test
61000-4-3	Part 4-3: Testing and measurement techniques—Radiated, radio-frequency, electromagnetic field immunity test	61000.4.3	Part 4.3: Testing and measurement techniques—Radiated, radio-frequency, electromagnetic field immunity test
61000-4-4	Part 4-4: Testing and measurement techniques—Electrical fast transient/burst immunity test	61000.4.4	Part 4.4: Testing and measurement techniques—Electrical fast transient/burst immunity test
61000-4-6	Part 4-6: Testing and measurement techniques—Immunity to conducted disturbances, induced by radio-frequency fields Amendment 1 (2004) Amendment 2 (2006)	61000.4.6	Part 4.6: Testing and measurement techniques—Immunity to conducted disturbances, induced by radio-frequency fields
		AS/NZS	
61000-4-8	Part 4-8: Testing and measurement techniques—Power frequency magnetic field immunity test Amendment 1 (2000)	61000.4.8	Part 4.8: Testing and measurement techniques—Power frequency magnetic field immunity test
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
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	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
IEC		AS/NZS	
61558-2-6	Part 2-6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers	61558.2.6	Part 2.6: Particular requirements and tests for safety isolating transformers and power supply units incorporating safety isolating transformers (IEC 61558-2-6 Ed 2, MOD)