AS/NZS IEC 60947.5.4:2015
IEC 60947-5-4, Ed. 2.0 (2002)

AS/NZS IEC 60947.5.4:2015

Australian/New Zealand Standard™

Low-voltage switchgear and controlgear

Part 5.4: Control circuit devices and switching elements—Method of assessing the performance of low-energy contacts—Special tests

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 4 June 2015 and on behalf of the Council of Standards New Zealand on 29 May 2015.
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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 propose a method of assessing the performances of low energy contacts giving—

(a) useful definitions;

(b) general principles of test methods which are to monitor and record the behaviour of contacts at each operation;

(c) functional bases for the definition of general testing equipment;

(d) preferred test values;

(e) particular conditions for testing contacts intended for specific applications (such as switching of PC inputs);

(f) information to be given in the test report; and

(g) interpretation and presentation of the test results.

This Standard is identical with, and has been reproduced from, IEC 60947-5-4, Ed. 2.0 (2002), *Low-voltage switchgear and controlgear*, Part 5-4: *Control circuit devices and switching elements—Method of assessing the performance of low-energy contacts—Special tests*.

The principle difference between this and the previous edition, is that this is a joint Australian/New Zealand Standard.

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’.

(ii) 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:

Reference to International Standard		*Australian/New Zealand Standard*	
IEC		AS	
60068	Environmental testing	60068	Environmental testing
60068-1	Part 1: General and guidance Amendment 1 (1992)	60068.1	Part 1: General and guidance Amendment 1 (1992)
60068-2	Part 2: Tests (series)	60068.2	Part 2: Tests (series)
		AS/NZS IEC	
60947	Low-voltage switchgear and controlgear	60947	Low-voltage switchgear and controlgear
60947-1	Part 1: General rules Amendment 1 (2000) Amendment 2 (2001)	60947.1	Part 1: General rules
60947-5-1	Part 5-1: Control circuit devices and switching elements—Electromechanical control circuit devices Amendment 1:1991 Amendment 2:1999	60947.5.1	Part 5.1: Control circuit devices and switching elements—Electromechanical control circuit devices

IEC		AS IEC	
61131	Programmable controllers	61131	Programmable controllers
61131-2	Part 2: Equipment requirements and tests	61131.2	Part 2: Equipment requirements and tests

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

The term ‘normative’ has been used in this Standard to define the application of the annex to which it applies. A ‘normative’ annex is an integral part of a Standard.