

AS/NZS IEC 60947.2:2015
IEC 60947-2, Ed. 4.2 (2013)

AS/NZS IEC 60947.2:2015

Australian/New Zealand Standard™

Low-voltage switchgear and controlgear

Part 2: Circuit-breakers



AS/NZS IEC 60947.2:2015

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 26 May 2015 and on behalf of the Council of Standards New Zealand on 29 May 2015. This Standard was published on 29 June 2015.

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This Standard was issued in draft form for comment as DR AS/NZS IEC 60947.2:2015.

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Low-voltage switchgear and controlgear
Part 2: Circuit-breakers

Originated as AS 3858—1990.
Revised and redesignated as AS/NZS IEC 60947.2:2015.

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Jointly published by SAI Global Limited under licence from Standards Australia Limited, GPO Box 476, Sydney, NSW 2001 and by Standards New Zealand, Private Bag 2439, Wellington 6140.

ISBN 978 1 76035 068 0

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-006, Industrial Switchgear and Controlgear, to supersede AS 60947.2—2005.

The objective of this Standard is to state—

- (a) the characteristics of circuit-breakers;
- (b) the conditions with which circuit-breakers are required to comply with reference to—
 - (i) operation and behaviour in normal service;
 - (ii) operation and behaviour in case of overload and operation and behaviour in case of short-circuit, including co-ordination in service (selectivity and back-up protection);
 - (iii) dielectric properties;
- (c) tests intended for confirming that these conditions have been met and the methods to be adopted for these tests; and
- (d) information to be marked on or given with the apparatus.

This Standard is identical with, and has been reproduced from, IEC 60947-2, Ed. 4.2 (2013), *Low-voltage switchgear and controlgear, Part 2: Circuit-breakers*. A vertical line in the margin shows where IEC 60947-2, Ed. 4.0 (2006), has been modified by its Amendments 1 (2009) and 2 (2013).

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60068-2-30	Part 2-30: Tests—Test Db: Damp heat, cyclic (12 h + 12 h cycle)	60068.2.30	Part 2.30: Tests—Test Db: Damp heat, cyclic (12 h + 12 h cycle)
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60695-2-11	Part 2-11: Glowing/hot-wire based test methods—Glow-wire flammability test method for end-products	60695.2.11	Part 2.11: Glowing/hot-wire based test methods—Glow-wire flammability test method for end-products
60695-2-12	Part 2-12: Glowing/hot-wire based test methods—Glow-wire flammability test method for materials	60695.2.12	Part 2.12: Glowing/hot-wire based test methods—Glow-wire flammability test method for materials
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IEC		AS/NZS IEC	
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61000	Electromagnetic compatibility (EMC)	61000	Electromagnetic compatibility (EMC)
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