

AS/NZS IEC 60947.7.1:2015
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AS/NZS IEC 60947.7.1:2015

Australian/New Zealand Standard™

Low-voltage switchgear and controlgear

**Part 7.1: Ancillary equipment—Terminal
blocks for copper conductors**



AS/NZS IEC 60947.7.1:2015

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 27 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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Part 7.1: Ancillary equipment—Terminal blocks for copper conductors

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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 60947.7.1—2004.

The objective of this Standard is to specify requirements for terminal blocks with screw-type or screwless-type clamping units primarily intended for industrial or similar use and to be fixed to a support to provide electrical and mechanical connection between copper conductors. It applies to terminal blocks intended to connect round copper conductors, with or without special preparation, having a cross-section between 0.2 mm² and 300 mm² (AWG 24/600 kcmil), intended to be used in circuits of a rated voltage not exceeding 1,000 V a.c. up to 1,000 Hz or 1,500 V d.c.

This Standard is identical with, and has been reproduced from, IEC 60947-7-1, Ed. 3.0 (2009), *Low-voltage switchgear and controlgear*, Part 7.1: *Ancillary equipment—Terminal blocks for copper conductors*.

This Standard shall be read in conjunction with IEC 60947-1. The provisions of the general rules dealt with in IEC 60947-1 are applicable to this Standard, where specifically called for. Clauses and subclauses, tables, figures and annexes thus applicable are identified by reference to IEC 60947-1, e.g. 1.2 of IEC 60947-1, Table 4 of IEC 60947-1 or Annex A of IEC 60947-1.

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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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