AS/NZS 1102.102:1997

Australian/New Zealand Standard®

Graphical symbols for electrotechnical documentation

Part 102: Symbol elements, qualifying symbols and other symbols having general application

[Based on and including the full text of IEC 617-2:1996, Graphical symbols for diagrams, Part 2: Symbol elements, qualifying symbols and other symbols having general application]

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee TE/13, Symbols, Units and Quantities for Electrotechnology. It was approved on behalf of the Council of Standards Australia on 19 September 1997 and on behalf of the Council of Standards New Zealand on 19 September 1997. It was published on 5 December 1997.

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE/13, Symbols, Units and Quantities for Electrotechnology. It is issued as a Joint Standard to supersede AS 1102.102—1989. It is based on but not equivalent to, and reproduced from, IEC 617-2, *Graphical symbols for diagrams*, Part 2: *Symbol elements, qualifying symbols and other symbols having general application*.

The objective of this Standard is to provide users of electrotechnical documents with symbol elements, qualifying symbols and other symbols having general application for the purposes of uniformity and clarity in presenting electrotechnical diagrams.

The Part numbers in this series of Standards correspond to equivalent Parts in the IEC 617 series but with '100' added to the IEC 617 Part number. For example, for the Standard IEC 617-2 refer to AS/NZS 1102.102. The symbol numbers within this Standard are the same as the IEC 617 numbers. In AS 1102.101, *Graphical symbols for electrotechnical documentation*, Part 101: *General information and general index*, the first part of the symbol number refers to the Part number, e.g. in the index, for symbol 102-01-01, refer to Part 102, symbol 02-01-01.

In this Standard, Australian and New Zealand variations have been listed in Appendix ZA and, accordingly, the source text should be amended, supplemented or replaced as required. The changes to the source text are indicated with a marginal bar against each clause, table, figure or part thereof affected. Appendix ZA provides symbols for use in Australia and New Zealand which are additional to, or alternative to, the IEC 617 symbols. The symbols are identified with an 'A' in the third part of the symbol number.

Appendix ZB contains information which is not contained in Annex A, on the changes from the superseded Australian Standard to this Part of the Standard.

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

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

(a) Its number appears on the cover and title page while the international Standard number appears only on the cover.

(b) In the source text, 'this International Standard' should read 'this Australian/New Zealand Standard'.

(c) A full point substitutes for a comma when referring to a decimal marker.

References to international Standards should be replaced by equivalent Australian or Australian/New Zealand Standards, as follows:

Reference to International Standard		*Australian or Australian/New Zealand Standard*	
IEC		AS	
617	Graphical symbols for diagrams	1102	Graphical symbols for electrotechnical documentation
617-1	Part 1: General information, general index. Cross-reference tables	1102.101	Part 101: General information, general index

Please note that on the CD-ROM, only the English definitions are available. For the full version incorporating French terms, please refer to the hard copy.

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