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Australian/New Zealand Standard

Graphical symbols for electrotechnology

Part 112: Binary logic elements

[IEC title: Graphical symbols for diagrams, Part 12: Binary logic elements]

AS/NZS 1102.112:1995

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Australian/New Zealand Standard

Graphical symbols for electrotechnology

Part 112: Binary logic elements

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PREFACE

This Standard was prepared by the Joint Standards Australia/ Standards New Zealand Committee TE/13 on Symbols, Units and Quantities for Electrotechnology. It is issued as a Joint Standard.

The objective of this Standard is to provide users of electrotechnical documents with graphical symbols on binary logic elements to obtain consistent presentation and meaning in diagrams.

This Standard is identical with and has been reproduced from IEC 617-12:1991, *Graphical symbols for diagrams*, Part 12: *Binary logic elements* and includes Amendment 1 to that Standard.

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

- (a) The international Standard number does not appear on each page of text and its identity is shown 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.

The symbol numbers in this Standard have retained the IEC 617-12 numbers. In AS 1102, *Graphical symbols for electrotechnology*, Part 101: *General information and general index*, the symbol numbers have '112' as the first part of the symbol number instead of '12'. References in this Standard to symbols in which the first part of the symbol number is '01' to '10' should be substituted by '101' to '110' respectively.

The equivalent Australian Standard to IEC 117-15 (superseded) referred to below is AS 1102.9—1979.

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

Reference to International Standard IEC		Australian or Australian/New Zealand Standard AS		
113-7	Diagrams, charts and tables, Part 7: Preparation of logic diagrams	1103	Diagrams, charts and tables for electrotechnology	
117-15	Recommended Graphical Symbols, Part 15: Binary logic elements (Superseded)	1103.8	Part 8: Guiding principles for the preparation of logic diagrams	
	•	1102	Graphical symbols for electrotechnology	
617-2	Graphic symbols for diagrams, Part 2: Symbol elements, qualifying symbols and other symbols having	1102.9	Part 9: Binary logic elements	
	general application	1102.102	Symbol elements, qualifying symbols and other symbols having general	
617-3	Graphical symbols for diagrams,		application	
	Part 3: conductors and connecting devices	1102.103	Part 103: Conductors and connecting devices	
617-13	Graphical symbols for diagrams Part 13: Analogue elements	AS/NZS	Part 113: Analogue elements	
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