AS/NZS 4383.2:1996 IEC 1082-2:1993

Australian/New Zealand Standard®

Preparation of documents used in electrotechnology

Part 2: Function-oriented diagrams

## AS/NZS 4383.2:1996

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 21 February 1996 and on behalf of the Council of Standards New Zealand on 28 February 1996. It was published on 5 May 1996.

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## Preparation of documents used in electrotechnology

Part 2: Function-oriented diagrams

PUBLISHED JOINTLY BY:

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STANDARDS NEW ZEALAND Level 10, Standards House, 155 The Terrace, Wellington 6001 New Zealand ii

## **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 to supersede various parts of AS 1103, *Diagrams, charts and tables for electrotechnology*.

The objective of this Standard is to provide those who use and develop electrotechnical diagrams with the rules for preparing function-oriented diagrams for the purpose of uniform and efficient presentation of information.

This Standard is identical with and has been reproduced from IEC 1082-2, *Preparation of documents used in electrotechnology*, Part 2: *Function-oriented diagrams*.

Due to restructuring and extensions of the material in this series of Joint Standards, there is no exact correspondence between the parts of AS/NZS 4383 and those of AS 1103. The following gives an approximate indication:

AS/NZS 4383	Corresponding Parts of AS 1103		
Part 1	Parts 1 and 3, portions of Parts 7 and 8		
Part 2	Part 4, portions of Parts 7 and 8		
Part 3	Parts 5 and 6		

The term 'informative' has been used in this Standard to define the application of the annex to which it applies. An 'informative' annex is only for information and guidance.

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

Reference to International Standard or other Publications		Australian or Australian/New Zealand Standard		
IEC 375	Conventions concerning electric and magnetic circuits	AS —		
617-1	Graphical symbols for diagrams — Part 1: General information, general index. Cross-reference tables	1102 1102.101	Graphical symbols for electrotechnology Part 101: General information and general index	
617-2	Graphical symbols for diagrams— Part 2: Symbol elements, qualifying symbols and other symbols having general application	1102.102	Part 102: Symbol elements, qualifying symbols and other symbols having general application	
617-3	Graphical symbols for diagrams— Part 3: Conductors and connecting devices	1102.103	Part 103: Conductors and connecting devices	

IEC 617-4	Graphical symbols for diagrams— Part 4: Passive components	AS 1102.104	Part 104: Passive components	
617-5	Graphical symbols for diagrams— Part 5: Semiconductors and electron tubes	1102.105	Part 105: Semiconductors and electron tubes	
617-6	Graphical symbols for diagrams— Part 6: Production and conversion of electrical energy	1102.10	Part 106: Production and conversion of electrical energy	
617-7	Graphical symbols for diagrams— Part 7: Switchgear, controlgear and protective devices	1102.107	Part 107: Switchgear, controlgear and protective devices	
617-8	Graphical symbols for diagrams— Part 8: Measuring instruments, lamps and signalling devices	1102.108	Part 108: Measuring instruments, lamps and signalling devices	
617-9	Graphical symbols for diagrams— Part 9: Telecommunications: Switching and peripheral equipment	1102.109	Part 109: Telecommunications— Switching and peripheral equipment	
617-10	Graphical symbols for diagrams— Part 10: Telecommunications: Transmission	1102.110	Part 110: Telecommunications— Transmission	
617-11	Graphical symbols for diagrams— Part 11: Architectural and topographical installation plans and diagrams	1102.8	Part 8: Symbols for location diagrams	
617-12	Graphical symbols for diagrams— Part 12: Binary logic elements	AS/NZS 1102.112	Part 1 12: Binary logic elements	
617-13	Graphical symbols for diagrams— Part 13: Analogue elements	1102.113	Part 1 13: Analogue elements	
750	Item designation in electrotechnology	AS 3702	Item designation in electrotechnology	
848	Preparation of function charts for	AS/NZS 4382	Preparation of function charts for control systems	
	control systems	4383	Preparation of documents used in	
1082-1	Preparation of documents used in electrotechnology Part 1: General requirements	4383.1	electrotechnology Part 1: General requirements	
1175	Designations for signals and connections	_		
ISO 3511-1	Process measurement control functions and instrumentation—Symbolic representation Part 1: Basic requirements	AS 1101 1101.6	Graphic symbols for general engineering Part 6: Process measurement control functions and instrumentation	



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