AS 10303.201—1998
ISO 10303-201:1994

Australian Standard™

Industrial automation systems and integration—Product data representation and exchange

Part 201: Application protocol: Explicit draughting

This Australian Standard was prepared by Committee IT/6, Information Technology for Industrial Automation and Integration. It was approved on behalf of the Council of Standards Australia on 16 June 1998 and published on 5 September 1998.

The following interests are represented on Committee IT/6:

Association of Consulting Engineers Australia

Australian Air Transport Association

Australian Chamber of Manufactures

Australian Electrical and Electronic Manufacturers Association

Australian Foundry Institute

Australian Information Industry Association

Australian Institute of Steel Construction

Australian Robot Association

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New Zealand Defence Force

New Zealand Heavy Engineering Research

New Zealand Institute of Architects

New Zealand Manufacturers' Federation

Royal Australian Institute of Architects

Royal Melbourne Institute of Technology

University of Auckland (New Zealand)

University of Melbourne

This Standard was issued in draft form for comment as DR 98105.

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First published as AS 10303.201—1998.

Published by Standards Australia
(Standards Association of Australia)
1 The Crescent, Homebush, NSW 2140

ISBN 0 7337 2139 7

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee IT/6, Information Technology for Industrial Automation and Integration. The Standard is the result of a consensus among the representatives on the Joint Committee that it be produced as an Australian Standard. It is identical with and has been reproduced from ISO 10303-201:1994, *Industrial automation systems and integration—Product data representation and exchange*, Part 201: *Application protocol: Explicit draughting*.

The objective of this Standard is to provide users of integrated automation systems with the use of the integrated resources necessary for the scope and information requirements for explicit draughting.

This Standard is Part 201 of AS 10303, *Industrial automation systems and integration—Product data representation and exchange*, which is published in Parts as follows:

Part 1: Overview and fundamental principles
Part 11: Description methods: The EXPRESS language reference manual
Part 21: Implementation methods: Clear text encoding of the exchange structure
Part 31: Conformance testing methodology and framework: General concepts
Part 41: Integrated generic resources: Fundamentals of product description and support
Part 42: Integrated generic resources: Geometric and topological representation
Part 43: Integrated generic resources: Representation structures
Part 44: Integrated generic resources: Product structure configuration
Part 46: Integrated generic resources: Visual presentation
Part 101: Integrated application resources: Draughting
Part 201: Application protocol: Explicit draughting (this Standard)
Part 203: Application protocol: Configuration controlled design

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

Annex B, which is in the form of computer-interpretable listings, and Annex A are supplied on a diskette, which is part of this Standard.

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

(a) Its number does not appear on each page of text and its identity is shown only on the cover and title page.

(b) In the source text ‘this International Standard’ should read ‘this Australian Standard’.

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

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

Reference to International Standard or other publication		*Australian or Joint Australian/New Zealand Standard*	
ISO		AS	
3098	Technical drawings—Lettering		
3098-1	Part 1: Currently used characters	—	
10303	Industrial automation systems and integration—Product data representation and exchange	10303	Industrial automation systems and integration—Product data representation and exchange

ISO	AS
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