

Australian Standard™

**Industrial automation systems
and integration—Product data
representation and exchange**

**Part 201: Application protocol:
Explicit drafting**

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:

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First published as AS 10303.201—1998.

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 structure
- 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 non-normative listings, and Annex A are supplied on a diskette, which is part of this Standard.

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

<i>Reference to International Standard or other publication</i>	<i>Australian or Joint Australian/New Zealand Standard</i>
ISO	AS
ISO 1098	—
ISO 1098-1	—
10303	10303
Industrial automation systems and integration—Product data representation and exchange	Industrial automation systems and integration—Product data representation and exchange

ISO

- 10303-1 Part 1: Overview and fundamental principles
- 10303-11 Part 11: Description methods: The EXPRESS language reference manual
- 10303-21 Part 21: Implementation methods: Clear text encoding of the exchange structure
- 10303-31 Part 31: Conformance testing methodology and framework: General concepts
- 10303-41 Part 41: Integrated generic resources: Fundamentals of product description and support
- 10303-42 Part 42: Integrated generic resources: Geometric and topological representation
- 10303-43 Part 43: Integrated generic resources: Representation structures
- 10303-46 Part 46: Integrated generic resources: Visual presentation
- 10303-101 Part 101: Integrated application resources: Draughting

ISO/IEC

- 8824 Information Technology—Open Systems Interconnection—Abstract Syntax Notation One (ASN.1)
- 8824-1 Part 1: Specification of Basic Notation

AS

- 10303.1 Part 1: Overview and fundamental principles
- 10303.11 Part 11: Description methods: The EXPRESS language reference manual
- 10303.21 Part 21: Implementation methods: Clear text encoding of the exchange structure
- 10303.31 Part 31: Conformance testing methodology and framework: General concepts
- 10303.41 Part 41: Integrated generic resources: Fundamentals of product description and support
- 10303.42 Part 42: Integrated generic resources: Geometric and topological representation
- 10303.43 Part 43: Integrated generic resources: Representation structures
- 10303.46 Part 46: Integrated generic resources: Visual presentation
- 10303.101 Part 101: Integrated application resources: Draughting

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