

AS 4168.1—1994

IEC 1131-1:1992

Australian Standard[®]

Programmable controllers

Part 1: General information

This Australian Standard was prepared by Committee IT/6, Information Processing Systems for Industrial Automation. It was approved on behalf of the Council of Standards Australia on 15 October 1993 and published on 14 March 1994.

The following interests are represented on Committee IT/6:

Association of Consulting Engineers Australia
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Australian Information Industry Association
Department of Technical and Further Education, N.S.W.
Division of Manufacturing Technology, CSIRO
University of Melbourne
University of New South Wales

Review of Australian Standards. To keep abreast of progress in industry, Australian Standards are subject to periodic review and are kept up to date by the issue of amendments or new editions as necessary. It is important therefore that Standards users ensure that they are in possession of the latest edition, and any amendments thereto.

Full details of all Australian Standards and related publications will be found in the Standards Australia Catalogue of Publications; this information is supplemented each month by the magazine 'The Australian Standard', which subscribing members receive, and which gives details of new publications, new editions and amendments, and of withdrawn Standards.

Suggestions for improvements to Australian Standards, addressed to the head office of Standards Australia, are welcomed. Notification of any inaccuracy or ambiguity found in an Australian Standard should be made without delay in order that the matter may be investigated and appropriate action taken.

This Standard was issued in draft form for comment as DR 91244.

AS 4168.1—1994

Australian Standard[®]

Programmable controllers

Part 1: General information

First published as AS 4168.1—1994.

PUBLISHED BY STANDARDS AUSTRALIA
(STANDARDS ASSOCIATION OF AUSTRALIA)
1 THE CRESCENT, HOMEBUSH, NSW 2140

ISBN 0 7262 8716 4

PREFACE

This Standard was prepared by the Standards Australia Committee on Information Processing Systems for Industrial Automation. It is identical with, and has been reproduced from, IEC 1131-1:1992, *Programmable controllers, Part 1: General information*.

Under arrangements made between Standards Australia and the international Standards bodies, ISO and IEC, as well as certain other Standards organizations, users of this Standard are advised of the following:

- (a) Copyright is vested in Standards Australia.
- (b) The number of this Standard is not reproduced on each page; its identity is shown only on the cover and title pages.

For the purpose of this Standard, the IEC text should be modified as follows:

- (i) *Terminology* The words 'Australian Standard' should replace the words 'International Standard' wherever they appear.
- (ii) *References* The references to International Standards should be replaced by references to the following Australian Standards:

<i>Reference to International Standard or other Publication</i>	<i>Australian Standard</i>
IEC	AS
50 International Electrotechnical Vocabulary	1852 International Electrotechnical Vocabulary
50(55) Chapter 55: Telegraphy and telephony	1852.55 Part 55: Telegraphy and telephony
50(303) Chapter 303: Electronic measuring instruments	1852.303 Part 303: Electronic measuring instruments
50(351) Chapter 351: Automatic control	1852.351 Part 351: Automatic control
271 List of basic terms, definitions and related mathematics for reliability	—
364 Electrical installations of buildings	—
364-4 Part 4: Protection for safety	—
364-4-44 Chapter 44: Protection against over-voltages	—
364-4-443 Section 443: Protection against over-voltages of atmospheric origin or due to switching	—
902 Industrial-process measurement and control—Terms and definitions	—
ISO	
2382 Information Technology—Vocabulary	1189 Data processing—Vocabulary
2382-1 Part 01: Fundamental terms	1189.1 Part 1: Fundamental terms
2382-4 Part 04: Organization of data	1189.4 Part 4: Organization of data
2382-5 Part 05: Representation of data	1189.5 Part 5: Representation of data
2382-11 Part 11: Processing units	1189.11 Part 11: Processing units
2382-15 Part 15: Programming languages	1189.15 Part 15: Programming languages

ISO		AS	
8601	Data elements and interchange formats—Information interchange—Representation of dates and times	3802	Data elements and interchange formats—Information interchange—Representation of dates and times
ISO/IEC			
2382	Information Technology—Vocabulary	1189	Data processing—Vocabulary
2382-7	Part 07: Computer programming	1189.7	Part 7: Computer programming
9506	Industrial automation systems—Manufacturing message specification	4038	Industrial automation systems—Manufacturing message specification
9506-1	Part 1: Service definition	4038.1	Part 1: Service definition
9506-2	Part 2: Protocol specification	4038.2	Part 2: Protocol specification

© Copyright — STANDARDS AUSTRALIA

Users of Standards are reminded that copyright subsists in all Standards Australia publications and software. Except where the Copyright Act allows and except where provided for below no publications or software produced by Standards Australia may be reproduced, stored in a retrieval system in any form or transmitted by any means without prior permission in writing from Standards Australia. Permission may be conditional on an appropriate royalty payment. Requests for permission and information on commercial software royalties should be directed to the head office of Standards Australia.

Standards Australia will permit up to 10 percent of the technical content pages of a Standard to be copied for use exclusively in-house by purchasers of the Standard without payment of a royalty or advice to Standards Australia.

Standards Australia will also permit the inclusion of its copyright material in computer software programs for no royalty payment provided such programs are used exclusively in-house by the creators of the programs.

Care should be taken to ensure that material used is from the current edition of the Standard and that it is updated whenever the Standard is amended or revised. The number and date of the Standard should therefore be clearly identified.

The use of material in print form or in computer software programs to be used commercially, with or without payment, or in commercial contracts is subject to the payment of a royalty. This policy may be varied by Standards Australia at any time.

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

-
- [Looking for additional Standards? Visit Intertek Inform Infostore](#)
 - [Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation](#)
-