

AS IEC 61131.8—2004
IEC 61131-8:2000

AS IEC 61131.8

Australian Standard™

Programmable controllers

Part 8: Guidelines for the application and implementation of programming languages

This Australian Standard was prepared by Committee IT-006, Information Technology for Industrial Automation. It was approved on behalf of the Council of Standards Australia on 15 January 2004 and published on 22 March 2004.

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PREFACE

This Standard was prepared by the Standards Australia Committee IT-006, Information Technology for Industrial Automation.

The objective of this Standard is to provide guidelines for the implementation of programming languages defined in AS IEC 61131.3 in programmable controller systems and their programming support environments (PSEs).

This Standard is identical with, and has been reproduced from, IEC 61131-8:2000, *Programmable controllers—Part 8: Guidelines for the application and implementation of programming languages*.

This Standard is Part 8 of AS IEC 61131 *Programmable controllers*, which consists of the following:

Part 1: General information

Part 2: Equipment requirements and tests

Part 3: Programming languages

Part 4: User guidelines

Part 5: Communications

Part 7: Fuzzy control programming

Part 8: Guidelines for the application and implementation of programming languages (this Standard)

AS IEC 61131 does not have a Part 6. A project to develop IEC 61131-6 *Programmable controller communications via field bus* was deleted in September 2000 by the IEC.

In this Standard, the following print types are used:

- requirements proper: in arial type;
- *test specifications: in italic type;*
- explanatory matter: in smaller arial type.

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- (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 part of IEC 61131’ should read ‘this part of AS IEC 61131’.
- (c) A full point should be substituted for a comma when referring to a decimal marker.

CONTENTS

	<i>Page</i>
1 General.....	1
1.1 Scope	1
1.2 Reference documents	1
1.3 Overview.....	3
2 Introduction to IEC 61131-3	3
2.1 General considerations	3
2.2 Historical limitations	5
2.3 New features in IEC 61131-3	6
2.4 Software engineering considerations.....	7
2.4.1 Software quality measures	7
2.4.2 Application of software engineering principles	8
2.4.3 Portability.....	10
3 Application guidelines	11
3.1 Use of data types.....	11
3.1.1 Type vs. variable initialization	11
3.1.2 Use of enumerated and subrange types	11
3.1.3 Use of BCD data	12
3.1.4 Use of REAL data types	14
3.1.5 Use of character string data types.....	14
3.1.6 Use of time data types	14
3.1.7 Use of multi-element variables	15
3.2 Data import and export	15
3.2.1 Global and external variables.....	16
3.2.2 Input/output (VAR_IN_OUT) variables	16
3.3 Use of function blocks.....	18
3.3.1 Function block types and instances.....	18
3.3.2 Scope of data within function blocks.....	19
3.3.3 Function block access and invocation	20
3.4 Differences between function block instances and functions	21
3.5 Use of indirectly referenced function block instances	21
3.5.1 Establishing an indirect function block instance reference	21
3.5.2 Access to indirectly referenced function block instances	23
3.5.3 Invocation of indirectly referenced function block instances.....	23
3.5.4 Recursion of indirectly referenced function block instances.....	26
3.5.5 Execution control of indirectly referenced function block instances.....	26
3.5.6 Use of indirectly referenced function block instances in functions.....	26
3.6 Recursion within programmable controller programming languages	26
3.7 Single and multiple invocation.....	27
3.8 Language specific features	28
3.8.1 Edge triggered functionality.....	28
3.8.2 Use of EN/ENO in functions and function blocks	29
3.8.3 Use of non-IEC 61131-3 languages.....	30

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