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AS IEC 61131.3:2014
IEC 61131-3, Ed. 3.0 (2013)

AS IEC 61131.3:2014

Australian STANDARD

Programmable controllers

Part 3: Programming languages

STANDARDS Australia

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This Australian Standard® was prepared by Committee IT-006, Industrial Process Measurement, Control and Automation. It was approved on behalf of the Council of Standards Australia on 14 November 2014.
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Australian Standard®

Programmable controllers

Part 3: Programming languages

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PREFACE

This Standard was prepared by the Standards Australia Committee IT-006, Industrial Process Measurement, Control and Automation, to supersede AS IEC 61131.3—2004.

The objective of this Standard is to specify syntax and semantics of programming languages for programmable controllers as defined in AS IEC 61131.1.

This Standard should be read in conjunction with the other parts of the AS IEC 61131 series.

This Standard is identical with, and has been reproduced from, IEC 61131-3, Ed. 3.0 (2013), *Programmable controllers*—Part 3: *Programming languages*.

This edition is a fully compatible extension of the previous (2004) edition. The main extensions are new data types and conversion functions, references, name spaces and the object oriented features of classes and function blocks. For further details, see Annex B.

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

(a) In the source text 'this part of IEC 61131' should read 'this Australian Standard'.

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

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

Reference to International Standard		*Australian Standard*	
IEC		AS IEC	
61131	Programmable controllers	61131	Programmable controllers
61131-1	Part 1: General information	61131.1	Part 1: General information
61131-5	Part 5: Communications	61131.5	Part 5: Communications

Only normative references that have been adopted as Australian or Australian/New Zealand Standards have been listed.

The terms 'normative' and 'informative' are used 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.

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