

Australian Standard™

Programmable controllers

Part 5: Communications

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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Part 5: Communications

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PREFACE

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

This Standard is identical with, and has been reproduced from, IEC 61131-5:2000, *Programmable controllers—Part 5: Communications*.

The objective of this Standard is to establish the definitions and identify the principal characteristics relevant to the selection and application of programmable controllers and their associated peripherals.

This Standard is Part 5 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 (this Standard)

Part 7: Fuzzy control programming

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

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.

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