

Australian/New Zealand Standard™

**Low-voltage switchgear and
controlgear—Controller-device
interfaces (CDIs)**

**Part 6: Seriplex (Serial multiplexed
control bus)**

AS/NZS 62026.6:2002

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-006, Industrial Switchgear and Controlgear. It was approved on behalf of the Council of Standards Australia on 24 September 2002 and on behalf of the Council of Standards New Zealand on 17 September 2002. It was published on 1 November 2002.

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Australian/New Zealand Standard™

Low-voltage switchgear and controlgear—Controller-device interfaces (CDIs)

Part 6: Seriplex (Serial multiplexed control bus)

First published as AS/NZS 62026.6:2002.

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Jointly published by Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001 and Standards New Zealand, Private Bag 2439, Wellington 6020

ISBN 0 7337 4882 1

PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-006, Industrial Switchgear and Controlgear.

The objective of this Standard is to define the requirements for interface systems between single or multiple controllers and control circuit devices or switching elements and establishes requirements for the interchangeability of components of such interfaces.

This Standard is Part 6 of a series which, when complete, will consist of the following:

AS/NZS

- 62026 Low-voltage switchgear and controlgear—Controller-device interfaces (CDIs)
- 62026.1 Part 1: General rules
- 62026.2 Part 2: Actuator sensor interface (AS-i)
- 62026.3 Part 3: DeviceNet
- 62026.5 Part 5: Smart distributed system (SDS)
- 62026.6 Part 6: Seriplex (Serial Multiplexed Control Bus) (This Standard)

This Standard is identical with and has been reproduced from IEC 62026-6:2001, *Low-voltage switchgear and controlgear—Controller-device interfaces (CDIs)—Part 6: Seriplex (Serial Multiplexed Control Bus)*.

The provisions of the general rules in AS/NZS 62026.1 are applicable to this Joint Australian/New Zealand Standard, where specifically called for. General rules clauses and subclauses thus applicable, as well as tables, figures and annexes, are identified by reference to Part 1 of the IEC Standard from which this Standard is reproduced, for example subclause 7.2.4.1 of IEC 62026-1.

Seriplex (Serial Multiplexed Control Bus) is a controller-device interface which provides a deterministic means of exchanging simple data among control and sensing devices. All devices are connected together by a single shielded four or six conductor cable.

Any device which fully conforms to this part of AS/NZS 62026 will be able to perform at least elementary data exchange with other compliant devices through the Seriplex controller-device interface.

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- (b) In the source text ‘this standard’ should read ‘this Australian/New Zealand Standard’.
- (c) A full point should be substituted for a comma when referring to a decimal marker.

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