

**AS 60870.5.5—1998**  
IEC 60870-5-5:1995

Australian Standard<sup>®</sup>

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**Telecontrol equipment and systems**

**Part 5.5: Transmission protocols—  
Basic application functions**

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[IEC title: Telecontrol equipment and systems, Part 5: Transmission protocols—Section 5: Basic application functions]

This Australian Standard was prepared by Committee IT/24, Supervisory Control and Data Acquisition. It was approved on behalf of the Council of Standards Australia on 5 January 1998 and published on 5 April 1998.

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## PREFACE

This Standard was prepared by the Standards Australia Committee IT/24, Supervisory Control and Data Acquisition.

The Standard is identical with and has been reproduced from IEC 60870-5-5:1995, *Telecontrol equipment and systems, Part 5: Transmission protocols, Section 5: Basic application functions*.

IEC has decided to apply a new numbering system, the 60000 series, to all its existing and future publications, including amendments to existing Standards. As a consequence, IEC has modified the bibliographic references in its databases to accord with the new numbering system. All IEC publications issued since the beginning of 1997 will carry references in terms of the 60000 series numbering. Publications printed earlier than 1997 will continue to carry the old series of numbers. For example, a reference to the IEC 60870 series of Standards will be to IEC 870 if the current edition of the Standard was printed prior to 1997.

This Standard is identical with a pre-1997 document therefore it uses the old series of numbers.

The objective of this Standard is to provide manufacturers and users of telecontrol equipment and systems with a specification for basic application functions in order to achieve system interoperability within Australia.

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

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<i>Reference to International Standard or other publication</i>		<i>Australian Standard</i>	
IEC		AS	
50	International Electrotechnical Vocabulary (IEV)	1852	International electrotechnical vocabulary
50(371)	Chapter 371: Telecontrol	1852.371	Part 371: Telecontrol
870	Telecontrol equipment and systems	60870	Telecontrol equipment and systems
870-1-1	Part 1: General considerations— Section One: General principles	60870.1.1	Part 1.1: General considerations— General principles
870-5-1	Part 5: Transmission protocols— Section One: Transmission frame formats	60870.5.1	Part 5.1: Transmission protocols— Transmission frame formats
870-5-2	Part 5: Transmission protocols— Section 2: Link transmission procedures	60870.5.2	Part 5.2: Transmission protocols— Link transmission procedures
870-5-3	Part 5: Transmission protocols— Section 3: General structure of application data	60870.5.3	Part 5.3: Transmission protocols— General structure of application data
870-5-4	Part 5: Transmission protocols— Section 4: Definition and coding of application information elements	60870.5.4	Part 5.4: Transmission protocols— Definition and coding of application information elements

ISO 7498	Information processing systems— Open Systems Interconnection— Basic Reference Model	AS 2777	Information processing systems— Open Systems Interconnection— Basic reference model
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