

Australian Standard™

Power transformers

Part 8: Application guide

This Australian Standard was prepared by Committee EL/8, Power Transformers. It was approved on behalf of the Council of Standards Australia on 10 April 2000 and published on 5 June 2000.

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Australasian Railway Association
Australian Chamber of Commerce and Industry
Australian Electrical and Electronic Manufacturers Association
Australian Institute of Petroleum
Electric Energy Society of Australia
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Part 8: Application guide

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PREFACE

This Standard was prepared by the Standards Australia Committee EL/8, Power transformers, to supersede AS 2421—1981, *Guide to the selection and use of power transformers*.

The objective of this Standard is to provide owners and intending purchasers of transformers with guidance relating to the appropriate application of various types of transformers complying with the AS 2374 series of Standards in order to facilitate the matching of appropriate transformers with applications.

This Standard is a modified adoption of International Standard IEC 60076-8:1997, Power transformers—Application guide. The international committee responsible for this Standard is Technical Committee 14, Power Transformers.

As per the World Trade Organisation's Agreement on Technical Barriers to Trade, modifications for the prevention of deceptive practices have been made to IEC 60076-8 and indicated at appropriate places throughout this Standard.

Strikethrough (~~example~~) identifies IEC tables, figures and passages of text which, for the purposes of this Australian Standard, are deleted. Where Australian tables, figures or passages of text are added, each is set in its proper place and identified by shading (**example**). Added figures are not themselves shaded, but are identified by a shaded border.

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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.

A reference to an International Standard identified in the Normative References Clause by strikethrough (~~example~~) is replaced by a reference to the Australian or Australian/New Zealand Standard(s) listed immediately thereafter and identified by shading (**example**). Where the struck-through referenced document and the referenced Australian or Australian/New Zealand Standard are identical, this is indicated in parenthesis after the title of the latter.

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

- (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 standard' should read 'this Australian Standard'.
- (c) A full point should be substituted for a comma when referring to A decimal marker.

The term 'informative' has been used in this Standard to define the application of the annex to which it applies. An 'informative' annex is only for information and guidance.

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