

Australian Standard™

**Common specifications for high-voltage  
switchgear and controlgear standards  
(IEC 60694, Ed.2.2(2002) MOD)**

This Australian Standard was prepared by Committee EL-007, Power Switchgear. It was approved on behalf of the Council of Standards Australia on 16 March 2005. This Standard was published on 27 May 2005.

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The following are represented on Committee EL-007:

Australian British Chamber of Commerce  
Australian Electrical and Electronic Manufacturers Association  
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switchgear and controlgear standards  
(IEC 60694, Ed.2.2(2002) MOD)**

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## PREFACE

This Standard was prepared by the Standards Australia Committee EL-007, Power Switchgear, to supersede AS/NZS 2650:2000.

The objective of this Standard is to state those specifications common to high-voltage switchgear and controlgear within the scope of the Standard.

This Standard is an adoption with national modifications and has been reproduced from IEC 60694, Ed.2.2(2002), *Common specifications for high-voltage switchgear and controlgear standards*, and has been varied as indicated to take account of Australian conditions.

Variations to IEC 60694, Ed.2.2(2002) are indicated at the appropriate places throughout this Standard. Strikethrough (~~example~~) identifies IEC text, tables and figures which, for the purposes of this Australian Standard, are deleted. Where text, tables or figures 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.

This Standard differs from the Standard it supersedes in the following major areas:

- (a) Standard is now Australian only to reflect the withdrawal of New Zealand participation in Committee EL-007.
- (b) Definitions have been updated.
- (c) 'Rated supply voltage of closing and opening devices and of auxiliary and control circuits' (Subclause 4.8) has been replaced.
- (d) Tables 14 and 15 replace tables 4 and 5.
- (e) 'Auxiliary and control equipment' (Subclause 5.4) has been replaced.
- (f) New figures 4,5,6,7 and 8 have been added.
- (g) Electromagnetic compatibility (Subclause 5.18) has been replaced.
- (h) The title and text of Subclause 6.2.10 has been replaced.
- (i) The title and text of Subclause 6.4.2 has been replaced.
- (j) Subclauses 6.9.1 to 6.9.7 and table 13 have been replaced.
- (k) Additional tests on auxiliary and control circuits (Subclause 6.10) have been added.
- (l) New annex 'Electromagnetic compatibility site measurements' (Annex H) has been added.
- (m) Bibliography (Annex G) has been updated.
- (n) References have been updated.

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

- (i) Its number does not appear on each page of text and its identity is shown only on the cover and title page.
- (ii) In the source text 'this international standard' should read 'this Australian Standard'.
- (iii) A full point should be substituted for a comma when referring to a decimal marker.
- (iv) Any French text on figures should be ignored.

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.

## CONTENTS

	<i>Page</i>
1 General.....	1
1.1 Scope .....	1
1.2 Normative references.....	1
2 Normal and special service conditions .....	7
2.1 Normal service conditions .....	8
2.2 Special service conditions.....	9
3 Definitions.....	10
3.1 General terms.....	10
3.2 Assemblies of switchgear and controlgear .....	12
3.3 Parts of assemblies .....	13
3.4 Switching devices .....	13
3.5 Parts of switchgear and controlgear.....	13
3.6 Operation.....	17
3.7 Characteristic quantities .....	21
3.8 Index of definitions.....	21
4 Ratings .....	22
4.1 Rated voltage ( $U_r$ ).....	23
4.2 Rated insulation level.....	23
4.3 Rated frequency ( $f_r$ ) .....	27
4.4 Rated normal current and temperature rise .....	27
4.5 Rated short-time withstand current ( $I_k$ ).....	30
4.6 Rated peak withstand current ( $I_p$ ).....	30
4.7 Rated duration of short circuit ( $t_k$ ) .....	30
4.8 Rated supply voltage of closing and opening devices and of auxiliary and control circuits ( $U_a$ ).....	30
4.9 Rated supply frequency of closing and opening devices and of auxiliary circuits.....	32
4.10 Rated pressure of compressed gas supply for insulation and/or operation .....	32
5 Design and construction.....	32
5.1 Requirements for liquids in switchgear and controlgear.....	32
5.2 Requirements for gases in switchgear and controlgear .....	32
5.3 Earthing of switchgear and controlgear .....	33
5.4 Auxiliary and control equipment .....	33
5.5 Dependent power operation .....	43
5.6 Stored energy operation.....	43
5.7 Independent manual operation .....	44
5.8 Operation of releases.....	44
5.9 Low- and high-pressure interlocking and monitoring devices.....	45
5.10 Nameplates.....	45
5.11 Interlocking devices .....	46
5.12 Position indication.....	46
5.13 Degrees of protection by enclosures .....	47
5.14 Creepage distances .....	48
5.15 Gas and vacuum tightness.....	49
5.16 Liquid tightness.....	49

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