

Australian Standard[®]

**International electrotechnical
vocabulary**

**Chapter 441: Switchgear,
controlgear and fuses**

This Australian standard was prepared by Committee TE/13, Symbols, Units and Quantities for Electrotechnology. It was approved on behalf of the Council of the Standards Association of Australia on 1 February 1985 and published on 7 June 1985.

The following interests are represented on Committee TE/13:

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Department of Defence Support
Department of Housing and Construction
Departments of Technical and Further Education, N.S.W. and Victoria
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PREFACE

This edition of this standard was prepared by the Association's Committee on Symbols, Units and Quantities for Electrotechnology under the authority of both the Telecommunications and Electronics Standards Board and the Electrical Standards Board. This standard supersedes AS 1852(441)—1975, International Electrotechnical Vocabulary, Switchgear and Controlgear.

This standard is identical with and has been reproduced from IEC 50(441) — 1984.

This edition, in addition to being updated, contains various additions, particularly in the field of factory-built enclosed switchgear and controlgear assemblies, and is the outcome of work undertaken since 1977 by two Working Groups operating in close collaboration; viz: Working Group 1 of IEC Technical Committee No 17: Switchgear and Controlgear, and Working Group 1 of IEC Technical Committee No 32: Fuses. Also, to avoid misunderstanding between terms, the sections of this edition have been numbered from 11 to 18, whereas the sections of the 1975 edition, were numbered from 01 to 07.

This standard is one of the AS 1852 series of standards. In the past, this series has consisted of direct endorsements of the IEC 50 series of the International Electrotechnical Vocabulary. In future, newly issued parts of IEC 50, where appropriate, will be issued as Australian standards, i.e. not endorsements. The full text of the definitions in English, French, and Russian has been included as some definitions are considered to be incomplete when produced in one language.

The purpose of the AS 1852 series is to provide a glossary of terms used in electrical engineering. The series lists terms in English, French and Russian and, in some cases, Spanish. It is intended that other Australian standards will refer to AS 1852 and not repeat and definitions.

Note: On the CD-ROM, only the English language definitions are available. For the full version incorporating French and Russian terms, please refer to the hard copy.

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STANDARDS ASSOCIATION OF AUSTRALIA

Australian Standard**INTERNATIONAL ELECTROTECHNICAL VOCABULARY
CHAPTER 441—SWITCHGEAR, CONTROLGEAR AND FUSES**

SECTION 441-11—GENERAL TERMS**441-11-01****switchgear and controlgear**

A general term covering switching devices and their combination with associated control, measuring, protective and regulating equipment, also assemblies of such devices and equipment with associated interconnections, accessories, enclosures and supporting structures.

441-11-02**switchgear**

A general term covering switching devices and their combination with associated control, measuring, protective and regulating equipment, also assemblies of such devices and equipment with associated interconnections, accessories, enclosures and supporting structures, intended in principle for use in connection with generation, transmission, distribution and conversion of electric energy.