

Australian Standard<sup>®</sup>

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**INTERNATIONAL  
ELECTROTECHNICAL  
VOCABULARY**

**Chapter 471—INSULATORS**

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This Australian Standard was prepared by Committee TE/13, Symbols, Units & Quantities for Electrotechnology. It was approved on behalf of the Council of the Standards Association of Australia on 15 March 1988 and published on 17 June 1988.

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The following interests are represented on Committee TE/13:

Australian Electrical and Electronic Manufacturers Association  
Confederation of Australian Industry  
Department of Administrative Services—Construction Group (Commonwealth)  
Department of Defence  
Department of Technical and Further Education, N.S.W., Victoria and  
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## PREFACE

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 is identical with and has been reproduced from IEC 50(471)—1984. Acknowledgement is accordingly made to the International Electrotechnical Commission for this assistance.

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 any definitions.

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**CHAPTER 471—INSULATORS**

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**SECTION 471-01—GENERAL TERMS**

**471-01-01****isolateur**

Dispositif destiné à isoler électriquement et à maintenir mécaniquement un matériel ou des conducteurs soumis à des potentiels différents.

**insulator**

A device intended for electrical insulation and mechanical fixing of equipment or conductors which are subject to potential differences.

**изолятор**

Устройство, предназначенное для электрической изоляции и механического крепления электрооборудования и проводов, находящихся под разными электрическими потенциалами.

**471-01-02****dispositif de fixation**

Dispositif, faisant partie d'un isolateur, qui sert à fixer celui-ci à une charpente, à un conducteur, à une partie d'un équipement ou à un autre isolateur.

*Note.* — Lorsque le dispositif de fixation est métallique, l'appellation «armature métallique» est normalement utilisée.

**fixing device**

A device, forming part of an insulator, intended to connect it to a supporting structure, or to a conductor, or to an item of equipment, or to another insulator.

*Note.* — Where the fixing device is metallic, the term "metal fitting" is normally used.

**крепежное устройство  
(арматура изолятора)**

Часть изолятора, предназначенная для механического крепления на конструкции, проводе, части оборудования или на другом изоляторе.

*Примечание.* — Если крепежное устройство изготовлено из металла, обычно используют также термин «металлическая арматура».

**471-01-03****fût d'un isolateur**

Partie centrale isolante d'un isolateur prévue pour satisfaire aux caractéristiques mécaniques et supportant les ailettes.

**core of an insulator**

The central insulating part of an insulator which provides the mechanical characteristics and from which the sheds project.

**тело изолятора**

Основа изоляционной части изолятора, обеспечивающая механическую и электрическую прочность.

**471-01-04****ailette d'un isolateur**

Partie isolante en saillie sur le fût d'un isolateur, destinée à augmenter la ligne de fuite. Une ailette peut être avec ou sans ondulations.

**shed of an insulator**

An insulating part, projecting from the insulator core, intended to increase the creepage distance. The shed can be with or without ribs.

**ребро изолятора**

Изоляционная часть, выступающая на теле изолятора, предназначенная для увеличения длины пути утечки. Ребра могут быть без развитой поверхности или с ней.