

AS 60417.1—2004  
IEC 60417-1:2002

AS 60417.1—2004

Australian Standard™

## **Graphical symbols for use on equipment**

### **Part 1: Overview and application**

This Australian Standard was prepared by Committee TE-013, Symbols, Units and Quantities for Electrotechnology. It was approved on behalf of the Council of Standards Australia on 18 March 2004.  
This Standard was published on 30 July 2004.

---

### **Keeping Standards up-to-date**

Standards are living documents which reflect progress in science, technology and systems. To maintain their currency, all Standards are periodically reviewed, and new editions are published. Between editions, amendments may be issued. Standards may also be withdrawn. It is important that readers assure themselves they are using a current Standard, which should include any amendments which may have been published since the Standard was purchased.

Detailed information about Standards can be found by visiting the Standards Web Shop at [www.standards.com.au](http://www.standards.com.au) and looking up the relevant Standard in the on-line catalogue.

Alternatively, the printed Catalogue provides information current at 1 January each year, and the monthly magazine, *The Global Standard*, has a full listing of revisions and amendments published each month.

Australian Standards™ and other products and services developed by Standards Australia are published and distributed under contract by SAI Global, which operates the Standards Web Shop.

We also welcome suggestions for improvement in our Standards, and especially encourage readers to notify us immediately of any apparent inaccuracies or ambiguities. Contact us via email at [mail@standards.org.au](mailto:mail@standards.org.au), or write to the Chief Executive, Standards Australia International Ltd, GPO Box 5420, Sydney, NSW 2001.

---

AS 60417.1—2004

Australian Standard™

## **Graphical symbols for use on equipment**

### **Part 1: Overview and application**

Originated as AS 1104—1978.  
Revised and redesignated as AS 60417.1—2004.

#### **COPYRIGHT**

© Standards Australia International

All rights are reserved. No part of this work may be reproduced or copied in any form or by any means, electronic or mechanical, including photocopying, without the written permission of the publisher.

Published by Standards Australia International Ltd  
GPO Box 5420, Sydney, NSW 2001, Australia

ISBN 0 7337 6081 3

## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee TE-013, Symbols, Units and Quantities for Electrotechnology, to supersede, in part, AS 1104—1978, *Informative symbols for use on electrical and electronic equipment*.

After consultation with stakeholders in both countries, Standards Australia and Standards New Zealand decided to develop this Standard as an Australian Standard rather than an Australian/New Zealand Standard.

This Standard is identical with and reproduced from IEC 60417-1:2002, *Graphical symbols for use on equipment*, Part 1: *Overview and application*.

The objective of this Standard is to provide designers, manufacturers and users of electrotechnical equipment with uniform symbols for informative purposes to enable the operation and proper functioning of machinery, appliances and equipment.

This Standard is part of a series, the designations and Part titles being as follows:

AS/IEC

60417.1 Part 1: Overview and application (this Standard)

60417.2.1 Part 2.1: General Application

60417.2.2 Part 2.2: Audiovisual equipment

60417.2.3 Part 2.3: Telephone and communications

60417.2.4 Part 2.4: Maritime navigation

60417.2.5 Part 2.5: Home electric devices

60417.2.6 Part 2.6: Medical equipment

60417.2.7 Part 2.7: Safety aspects

This Standard includes the alphabetical, pictorial and numerical indexes for the symbols. The description and purpose of the symbols is provided with the numerical index. Lists of symbols by function are also provided. It should be noted that these symbols are not intended to be used to represent electrical components in circuit diagrams or the like; symbols for this purpose are the subject of AS/NZS 1102, *Graphical symbols for electrotechnology* (series).

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

- (a) The French text has been retained.
- (b) Its number appears on the cover and title page while the international Standard number appears only on the cover.
- (c) In the source text, ‘this International Standard’ should read ‘this Australian Standard’.
- (d) A full point substitutes for a comma when referring to a decimal marker.

References to international Standards should be replaced by equivalent Australian Standards, as follows:

<i>Reference to International Standard</i>		<i>Australian Standard</i>	
IEC		AS	
60050(441)	International Electrotechnical Vocabulary (IEV) Chapter 441: Switchgear, control-gear and fuses	1852 1852.441	International Electrotechnical Vocabulary Switchgear, controlgear and fuses
60204-1	Safety of machinery—Electrical equipment of industrial machines Part 1: General requirements	—	

<i>Reference to International Standard</i>		<i>Australian Standard</i>
IEC		AS
80416-1	Basic principles for graphical symbols for use on equipment Part 1: Creation of original symbols	—
60601-1	Medical electrical equipment Part 1: General requirements for safety	—
60747-1	Semiconductor devices—Discrete device Part 1: General	—
61010-1	Safety requirements for electrical equipment for measurement, control, and laboratory use Part 1: General requirements	—
61310-1	Safety of machinery — Indication, marking and actuation Part 1: Requirements for visual, auditory and tactile signals	—
3864	Safety colours and safety signs	—
7000	Graphical symbols for use on equipment — Index and synopsis	—
ITU-T		
E121	Pictograms, symbols and icons to assist users of the telephone service	—

This is a free preview. Purchase the entire publication at the link below:

[Product Page](#)

- 
- Looking for additional Standards? Visit Intertek Inform Infostore
  - Learn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation
-