

Australian/New Zealand Standard™

**Approval and test specification—  
Cord-line switches**



Standards Australia



**STANDARDS**  
NEW ZEALAND  
*Te Kaitiaki Take Kōwhiri*

## **AS/NZS 3127:2002**

This Joint Australian/New Zealand Standard was prepared by Joint Technical Committee EL-004, Electrical Accessories. It was approved on behalf of the Council of Standards Australia on 14 January 2002 and on behalf of the Council of Standards New Zealand on 19 February 2002. It was published on 14 March 2002.

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Electricity Supply Association of Australia  
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# Australian/New Zealand Standard™

## Approval and test specification— Cord-line switches

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Previous edition AS 3127—1987.  
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## PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-004, Electrical Accessories to supersede AS 3127—1987 (NZS/AS 3127:1987) *Approval and test specification—Cord-line switches* from the date of publication.

The objective of this Standard is to provide Australian and New Zealand electrical industries with electrical safety requirements for cord-line switches.

This Standard is one of a series of approval and test specifications to be read in conjunction with AS/NZS 3100, *Approval and test specification—General requirements for electrical equipment*. The purpose of this series is to outline conditions which must be met to secure approval for the sale and use of electrical equipment in Australia and New Zealand. Only safety matters and related conditions are covered.

This Standard was revised to incorporate Amendments No 1 and 2 to AS 3127—1987 (NZS/AS 3127:1987) and to introduce editorial change and the following technical changes:

- (a) Addition of a flexing test for flexible cords.
- (b) Addition of Appendix A for further requirements for switches complying with IEC 61058-2-1.

The term ‘normative’ has been used in this Standard to define the application of the appendix to which it applies. A ‘normative’ appendix is an integral part of a Standard.

This Standard does not purport to include all the necessary provisions of a contract.

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## STANDARDS AUSTRALIA/STANDARDS NEW ZEALAND

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**Australian/New Zealand Standard**  
**Approval and test specification—**  
**Cord-line switches**

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**1 SCOPE AND REFERENCED DOCUMENTS****1.1 Scope**

This Standard applies to cord-line switches for use at voltages not exceeding 250 V to earth. It does not apply to switches such as pendant switches or bell pushes or switches connected at the end of flexible cords.

**1.2 Referenced documents**

The following documents are referred to in this Standard:

|           |   |
|-----------|---|
| IEC       |   |
| 61058     | Switches for appliances                             |
| 61058-1   | Part 1: General requirements                        |
| 61058-2-1 | Part 2-1: Particular requirements for cord switches |

## APPROVAL AND TEST SPECIFICATIONS

## AS

|                    |                      |
|--------------------|----------------------|
| 3121 (NZS/AS 3121) | Insulating mouldings |
| 3133 (NZS/AS 3133) | Air break switches   |

## AS/NZS

|      |   |
|------|---|
| 3100 | General requirements for electrical equipment |
| 3112 | Plugs and socket-outlets                      |

**2 DEFINITIONS**

For the purpose of this Standard the following definitions apply:

**2.1 Cord-line switch**

A switch intended for connection in a flexible cord including switches intended to control current or temperature of equipment.

For the purpose of this Standard a cord-line switch is referred to a switch.

**2.2 Integrally moulded cord-line switch**

A switch constructed so that its flexible cord is moulded to the switch by Type Z attachment.

**3 COMPLIANCE WITH SPECIFICATIONS****3.1 General requirements of AS/NZS 3100**

This Standard shall be read in conjunction with AS/NZS 3100, and the appropriate requirements of AS/NZS 3100 shall apply to the construction of the switch and its insulation and the safeguarding of parts which normally carry current.