

AS/NZS 61058.1:2020  
(Incorporating Amendment No. 1)



Australian/New Zealand Standard™

# Switches for appliances

**Part 1: General requirements (IEC 61058-1:2016 (ED. 4.0) MOD)**



## AS/NZS 61058.1:2020

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 25 November 2020 and by the New Zealand Standards Approval Board on 12 December 2020.

This Standard was published on 18 December 2020.

The following are represented on Committee EL-004:

- Australian Chamber of Commerce and Industry
- Australian Industry Group
- Better Regulation Division – NSW Fair Trading
- Consumer Electronics Suppliers Association (Australia)
- Consumers' Federation of Australia
- Electrical Regulatory Authorities Council (Australia)
- Engineers Australia
- International Accreditation New Zealand
- Joint Accreditation System of Australia and New Zealand
- New Zealand Manufacturers and Exporters Association
- Plastics Industry Pipe Association of Australia
- WorkSafe New Zealand

This Standard was issued in draft form for comment as DR AS/NZS 61058.1:2019.

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# Switches for appliances

## Part 1: General requirements (IEC 61058-1:2016 (ED. 4.0) MOD)

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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/NZS 61058.1:2008, *Switches for Appliances, Part 1: General requirements* on the date of publication.

**A1** This Standard incorporates Amendment No. 1 (June 2021). The start and end of changes introduced by the Amendment are indicated in the text by tags including the amendment number 1. **A1**

The objective of this Standard is to specify general electrical safety requirements for switch appliances provided with additional control functions governed by the switch provided with electronic circuits and devices that are necessary for the intended and/or correct operation of the switch.

This Standard does not apply to cord-line switches within the scope of AS/NZS 3127.

The major changes in this edition are as follows:

- (a) Extends the scope of application for switches to be operated by—
  - (i) a person via an actuating member;
  - (ii) indirect actuation; and
  - (iii) an actuating sensing unit.
- (b) Includes significant technical changes:
  - (i) Requirements for mechanical switches are now given in **A1** AS/NZS 61058.1.1 **A1**; and
  - (ii) Requirements for electronic switches are now given in **A1** AS/NZS 61058.1.2 **A1**.

This Standard is an adoption with national modifications, and has been reproduced from, IEC 61058-1:2016, *Switches for appliances — Part 1: General requirements*.

[Appendix ZZ](#) lists the variations to IEC 61058-1:2016, for the application of this Standard in Australia and New Zealand.

As this document has been reproduced from an International Standard, the following applies:

- (i) In the source text “this part of IEC 61058” should read “this Australian/New Zealand Standard”.
- (ii) A full point substitutes for a comma when referring to a decimal marker.

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The terms “normative” and “informative” are used in Standards to define the application of the appendices or annexes to which they apply. A “normative” appendix or annex is an integral part of a Standard, whereas an “informative” appendix or annex is only for information and guidance.

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