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AS/NZS 61058.1:2002 Switches for appliances - Part 1: General requirements

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Abbreviation

AS/NZS 61058.1:2002

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Standards New Zealand

Author

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Description

This Standard specifies essential safety requirements for switches intended for use in, on or with appliances and other equipment for household and similar use.

The Standard is modified and reproduced from the third edition of IEC 61058-1.

Scope

This International Standard applies to switches (mechanical or electronic) for appliances actuated by hand, by foot or by other human activity, to operate or control electrical appliances and other equipment for household or similar purposes with a rated voltage not exceeding 440 V and a rated current not exceeding 63 A.

These switches are intended to be operated by a person, via an actuating member or by actuating a sensing unit. The actuating member or sensing unit can be integral with or arranged separately, either physically or electrically, from the switch and may involve transmission of a signal, for example electrical, optical, acoustic or thermal, between the actuating member or sensing unit and the switch.

Switches which incorporate additional control functions governed by the switch function are within the scope of this standard.

This standard also covers the indirect actuation of the switch when the operation of the actuating member or sensing unit is provided by a remote control or a part of an appliance or equipment such as a door.

This standard applies to switches intended to be incorporated in, on or with an appliance.

This standard also applies to switches incorporating electronic devices.

This standard also applies to switches for appliances such as

- - switches intended to be connected to a flexible cable (cord switches);
- - switches integrated in an appliance (integrated switches);
- - switches intended to be mounted apart from the appliance (independently mounted switches) other than those within the scope of IEC 60669-1;
- - change-over selectors for which, however, particular requirements are given in IEC 61058-2.

This Standard does not contain requirements for isolating switches or for cord-line switches within the scope of AS/NZS 3127.

This standard does not apply to devices which control appliances and equipment not actuated intentionally by a person. These are covered by IEC 60730.

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