

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Switches for appliances –

Part 2-6: Particular requirements for switches used in electric motor-operated hand-held tools, transportable tools and lawn and garden machinery

Interrupteurs pour appareils –

Partie 2-6: Exigences particulières pour les interrupteurs utilisés sur les outils électroportatifs à moteur, les outils portables et les machines pour jardins et pelouses



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SWITCHES FOR APPLIANCES –

**Part 2-6: Particular requirements for switches used
in electric motor-operated hand-held tools, transportable
tools and lawn and garden machinery**

FOREWORD

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International Standard IEC 61058-2-6 has been prepared by subcommittee 23J: Switches for appliances, of IEC technical committee 23: Electrical accessories.

The text of this standard is based on the following documents:

FDIS	Report on voting
23J/402/FDIS	23J/406/RVD

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

This Part 2-6 is to be used in conjunction with IEC 61058-1:2000, *Switches for appliances – Part 1: General requirements*, and its Amendments 1 (2001) and 2 (2007).

This Part 2-6 supplements or modifies the corresponding clauses in IEC 61058-1, so as to convert that publication into the IEC standard: *Particular requirements for switches used in electric motor-operated hand-held tools, transportable tools and lawn and garden machinery*.

When a particular subclause of Part 1 is not mentioned in this Part 2-6, that subclause applies as far as reasonable. Where this standard states “addition”, “modification” or “replacement”, the relevant text of Part 1 is to be adapted accordingly.

In this standard:

- 1) the following print types are used:
 - requirements proper: in roman type;
 - *test specifications: in italic type;*
 - notes: in small roman type.
- 2) subclauses, notes, figures and tables which are additional to those in Part 1 are numbered starting from 101. Annexes which are additional to those in Part 1 are lettered AA, BB, etc.

A list of all the parts in the IEC 61058 series, under the general title *Switches for appliances*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC website under <http://webstore.iec.ch> in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

SWITCHES FOR APPLIANCES –

Part 2-6: Particular requirements for switches used in electric motor-operated hand-held tools, transportable tools and lawn and garden machinery

1 Scope

This clause of Part 1 is applicable, except as follows:

1.1 Addition:

This standard is a subset based on IEC 61058-1. The clauses outlined below are intended to address the specific requirements for switches incorporated into or integrated with electric motor-operated hand-held tools, transportable tools and lawn and garden machinery.

This standard is intended for switches with an ambient temperature up to and including 55 °C.

Switches tested to IEC 61058-1 are considered to comply with this standard and additional testing is not required provided ratings, loads, and endurance are correct.

NOTE This Part 2-6 takes into account the fact that tests are conducted as part of the end product evaluation (e.g. products tested according to the IEC 60745 and IEC 62441 series, and lawn and gardening equipment tested according to the IEC 60335 series) and need not be conducted on the component switch.

2 Normative references

This clause of Part 1 is applicable.

3 Definitions

This clause of Part 1 is applicable.

4 General requirements

This clause of Part 1 is applicable.

5 General notes on tests

This clause of Part 1 is applicable.

6 Rating

This clause of Part 1 is applicable.

7 Classification

This clause of Part 1 is applicable, except as follows: