

# INTERNATIONAL STANDARD

## NORME INTERNATIONALE

**Switches for appliances –**

**Part 2-6: Particular requirements for switches used on 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**

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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.

This second edition cancels and replaces the first edition published in 2016. It constitutes a technical revision.

This edition includes the following significant change with respect to the previous edition:

Overall format to support IEC 61058-1, IEC 61058-1-1 and IEC 61058-1-2.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
3J/450/FDIS	23J/452/RVD

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

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

This document is to be used in conjunction with IEC 61058-1:2016.

This document 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 IEC 61058-1 is not mentioned in this document, that subclause applies as far as reasonable. Where this document states "addition", "modification" or "replacement", the relevant text of IEC 61058-1 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/explanatory matter: in small roman type.
- 2) subclauses, notes, figures and tables which are additional to those in IEC 61058-1 are numbered starting from 101.

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 document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document 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

Clause 1 of IEC 61058-1:2016 is applicable except as follows.

*Addition:*

This part of IEC 61058 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 document is intended for switches with an ambient temperature up to and including 55 °C. Switches tested according to IEC 61058-1 are considered to comply with this document and additional testing is not required provided ratings, loads, and endurance are correct.

NOTE This document 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 62841 series, and lawn and gardening equipment tested according to the IEC 60335 series), and that tests are not conducted on the component switch.

#### 2 Normative references

Clause 2 of IEC 61058-1:2016 is applicable except as follows.

*Addition:*

IEC 61058-1:2016, *Switches for appliances – Part 1: General requirements*

#### 3 Terms and definitions

Clause 3 of IEC 61058-1:2016 is applicable.

#### 4 General requirements

Clause 4 of IEC 61058-1:2016 is applicable.

#### 5 General information on tests

Clause 5 of IEC 61058-1:2016 is applicable.

#### 6 Rating

Clause 6 of IEC 61058-1:2016 is applicable.