

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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**Switches for appliances –  
Part 1-2: Requirements for electronic switches**

**Interrupteurs pour appareils –  
Partie 1-2: Exigences relatives aux interrupteurs électroniques**



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COMMISSION

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## SWITCHES FOR APPLIANCES –

## Part 1-2: Requirements for electronic switches

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International Standard IEC 61058-1-2 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/400/FDIS	23J/404/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.

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

This part of IEC 61058 is to be used in conjunction with IEC 61058-1(2016).

This Part 1-2 supplements or modifies the corresponding clauses in IEC 61058-1, so as to convert that publication into the IEC standard: *Requirements for electronic switches*.

When a particular subclause of Part 1 is not mentioned in this Part 1-2, 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/explanatory matters: 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.

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- withdrawn,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

## **SWITCHES FOR APPLIANCES –**

### **Part 1-2: Requirements for electronic switches**

#### **1 Scope**

This clause of part 1 is applicable.

Add the following at the end of Clause 1.

This part of IEC 61058 applies to electronic switching devices and shall be used in conjunction with the general requirements of IEC 61058-1.

NOTE Additional requirements for particular switches may be found in the relevant part 2 of IEC 61058.

#### **2 Normative references**

This clause of part 1 is applicable.

#### **3 Terms and definitions**

This clause of part 1 is applicable.

#### **4 General requirements**

This clause of part 1 is applicable.

#### **5 General information on tests**

This clause of part 1 is applicable with the following addition.

Add the following at the end of 5.3.

Table 101 provides information on:

- The minimum number of specimens needed for each test.
- The minimum number of total specimens, when applicable tests are added, needed for each evaluation.
- Additional specimens that may be required as a result of additional electrical rating, unique construction or damage /breakage during testing.