

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Switches for appliances –
Part 1: General requirements**

**Interrupteurs pour appareils –
Partie 1: Règles générales**



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SWITCHES FOR APPLIANCES –

Part 1: General requirements

FOREWORD

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International Standard IEC 61058-1 has been prepared by subcommittee 23J: Switches for appliances, of IEC technical committee 23: Electrical accessories.

This consolidated version of IEC 61058-1 consists of the third edition (2000) [documents 23J/221/FDIS and 23J/222/RVD], its amendment 1 (2001) [documents 23J/232/FDIS and 23J/233/RVD] and its amendment 2 (2007) [documents 23J/298/FDIS and 23J/299/RVD].

The technical content is therefore identical to the base edition and its amendments and has been prepared for user convenience.

It bears the edition number 3.2.

A vertical line in the margin shows where the base publication has been modified by amendments 1 and 2.

IEC 61058 consists of the following parts:

Part 1: General requirements;

Part 2-1: Particular requirements for cord switches;

Part 2-4: Particular requirements for independently mounted switches;

Part 2-5: Particular requirements for change-over selectors.

In this part, the following print types are used:

- requirements proper: roman type;
- *test specifications: italic type;*
- notes: smaller roman type.

Annexes A, C, D, E, K, L, M, N, P, Q and R form an integral part of this standard.

Annexes B, F, G, H, J, S and T are for information only.

The following differences exist in some countries:

- 7.1.2.9 The locked rotor power factor is 0,4 to 0,5 to reflect application conditions (USA).
- 15.3 The duration of the application of the test voltage is 1 min to assure the detection of defects in the insulation (USA).
- 17.2.4.7 The minimum number of operating cycles is 6 000 (USA).
- 17.2.5 The temperature rise at the terminals shall not exceed 30 °C (USA).
- Table 17 The make current for the inductive circuit is I-I to reflect actual application conditions (USA).
- Table 17 The horsepower ratings are used when controlling a motor rated in horsepower (USA).
- 25 EMC is not considered to be a safety-related matter (USA).

The committee has decided that the contents of the base publication and its amendments will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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- amended.

The contents of the corrigendum of January 2009 have been included in this copy.