

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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

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



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INTERNATIONAL
ELECTROTECHNICAL
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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).

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- reconfirmed,
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- amended.

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