

CONSOLIDATED VERSION

VERSION CONSOLIDÉE



**Household and similar electrical appliances – Safety –
Part 2-97: Particular requirements for drives for shutters, awnings, blinds and
similar equipment**

**Appareils électrodomestiques et analogues – Sécurité –
Partie 2-97: Exigences particulières pour les motorisations des volets, stores,
rideaux et équipements analogues**



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VERSION REDLINE



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – SAFETY –

Part 2-97: Particular requirements for drives for shutters, awnings, blinds and similar equipment

FOREWORD

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This Consolidated version of IEC 60335-2-97 bears the edition number 3.1. It consists of the third edition (2016-04) [documents 61/5111/FDIS and 61/5141/RVD] and its amendment 1 (2019-11) [documents 61/5928/FDIS and 61/5944/RVD]. The technical content is identical to the base edition and its amendment.

In this Redline version, a vertical line in the margin shows where the technical content is modified by amendment 1. Additions are in green text, deletions are in strikethrough red text. A separate Final version with all changes accepted is available in this publication.

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This part of International Standard IEC 60335 has been prepared by IEC technical committee 61: Safety of household and similar electrical appliances.

This third edition constitutes a technical revision.

The principal changes in this edition as compared with the second edition of IEC 60335-2-97 are as follows (minor changes are not listed):

- Deleted “rolling” from the title and modified the scope to cover appliance types other than shutters, awnings, and blinds that are operated in a rolling way;
- Revised 19.13 to allow drives to obtain a safe position;
- Added 19.101 to provide a new abnormal test for drives with rated operating time;
- Added 20.104.4 to establish a test intended to cover horizontal movement (non-rolling) drive parts;
- Added 20.104.5 to provide an additional test to cover rolling grills to address the risk of being lifted;
- Modified 22.46 and Annex R to introduce software requirements for programmable electronic circuits used to comply with Clause 20;
- Added 22.101 to introduce a requirement to prevent inadvertent adjustments that would lead to unsafe application of drives;
- Added examples of swing shutters and sliding shutters in Figure 101.

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

This part 2 is to be used in conjunction with the latest edition of IEC 60335-1 and its amendments. It was established on the basis of the fifth edition (2010) of that standard.

NOTE 1 When “Part 1” is mentioned in this standard, it refers to IEC 60335-1.

This part 2 supplements or modifies the corresponding clauses in IEC 60335-1, so as to convert that publication into the IEC standard: Safety requirements for drives for shutters, awnings, blinds and similar equipment.

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

NOTE 2 The following numbering system is used:

- subclauses, tables and figures that are numbered starting from 101 are additional to those in Part 1;
- unless notes are in a new subclause or involve notes in Part 1, they are numbered starting from 101, including those in a replaced clause or subclause;
- additional annexes are lettered AA, BB, etc.

NOTE 3 The following print types are used:

- requirements: in roman type;
- *test specifications: in italic type;*
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Words in **bold** in the text are defined in Clause 3. When a definition concerns an adjective, the adjective and the associated noun are also in bold.

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