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Project No. 2025/01262

Responsible committee: CPL/61/1 Motorised appliance group

Interested committees:

Title: BS EN 60335-2-95 Amd.1 Ed.5.0 Draft Amendment 1 - Household and similar electrical appliances - Safety. Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use.

Please notify [admin.start@bsigroup.com](mailto:admin.start@bsigroup.com) if you are aware of any keywords that might assist in clarifying or identifying the standard or of the content of this standard:

- i) has any issues related to 3rd party IPR, patent or copyright
- ii) affects other national standard(s)
- iii) requires additional national guidance or information

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This draft is issued to allow comments from interested parties; all comments will be given consideration prior to publication. No acknowledgement will normally be sent. **See overleaf for information on the submission of comments.**

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## Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

## UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

## Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
- All comments should be submitted online at <https://standardsdevelopment.bsigroup.com/>. You will need to register in order to comment.

## Template for comments and secretariat observations

|                  |                        |
|------------------|------------------------|
| Date: xx/xx/20xx | Document: ISO/DIS xxxx |
|------------------|------------------------|

| 1  | 2                                          | (3)                          | 4               | 5                                                                                                                                  | (6)                                                                      | 7                                                  |
|----|--------------------------------------------|------------------------------|-----------------|------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------------------|
| MB | Clause No./ Subclause No./Annex (e.g. 3.1) | Paragraph/ Figure/Table/Note | Type of comment | Comment (justification for change) by the MB                                                                                       | Proposed change by the MB                                                | Secretariat observations on each comment submitted |
|    | 3.1                                        | Definition 1                 | ed              | Definition is ambiguous and needs clarifying.                                                                                      | Amend to read '...so that the mains connector to which no connection...' |                                                    |
|    | 6.4                                        | Paragraph 2                  | te              | The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK. | Delete reference to UV photometer.                                       |                                                    |



61/7534/CD

COMMITTEE DRAFT (CD)

PROJECT NUMBER:

**IEC 60335-2-95/AMD1 ED5**

DATE OF CIRCULATION:

**2025-12-05**

CLOSING DATE FOR COMMENTS:

**2026-01-30**

SUPERSEDES DOCUMENTS:

**61/7417/RR**

IEC TC 61 : SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES

SECRETARIAT:

United States of America

SECRETARY:

Ms Randi Myers

OF INTEREST TO THE FOLLOWING COMMITTEES:

HORIZONTAL FUNCTION(S):

ASPECTS CONCERNED:

Safety

This document is still under study and subject to change. It should not be used for reference purposes.

Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Recipients of this document are invited to submit, with their comments, notification of any local regulations or technical reasons that may exist and should be considered should this proposal proceed, recognizing that failure to address such requirements could result in the need for new or existing "In Some Countries" clauses. (SEE [AC/22/2007](#) OR [NEW GUIDANCE DOC](#)).

TITLE:

**Amendment 1 - Household and similar electrical appliances - Safety - Part 2-95: Particular requirements for drives for vertically moving garage doors for residential use**

NOTE FROM TC/SC OFFICERS:

**Rationale:**

This document was prepared by MT25 committee according to the decisions taken in the document 61/7417/RR and documents 61/7377/DC, 61/7394/INF.

This proposal will be the fragment 2 of the amendment 1 of the standard IEC 60335-2-95.

The proposed changes below are based on the document IEC 60335-2-95:2023

Some requirements of the existing standard IEC 60335-2-95:2023 need to be clarified or developed. The rational for each proposal is in the squared text.

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## 1 Scope

**Proposal:** In the document part 1 the word «appliance» is used as «drive». The following note will avoid any misunderstanding.

Add the following note after the first paragraph

NOTE 101 Within the document the terms **drive** and appliance are interchangeable.

**Proposal:** In the part 1 the conditions of use of the appliances by the children and the person with specific capabilities are specified. It shall be done in this part also with the following text.

Replace the fifth paragraph starting by “As far as is practical...” by the following:

This standard deals with the reasonably foreseeable hazards presented by appliances ~~drives~~ that are encountered by all persons in and around the home.

However, in general, it does not take into account:

- persons (including children) whose
  - physical, sensory or mental capabilities; or
  - lack of experience and knowledge prevents them from using the **drive** safely without supervision or instruction;
- children playing with the **drive**.

## 2 Normative references

*Addition:*

IEC 60825-1:2014, *Safety of laser products - Part 1: Equipment classification and requirements*

## 3 Terms and definitions

### 3.5 Definitions relating to types of appliances

#### 3.5.101

**Proposal:** The power of transmission belongs to the drive. It shall be specified to avoid misunderstandings. Add in the note the following.

Add in the the Note 1 entry after “brakes,...” the following:

“components for power transmission from the drive to the driven part (e.g. trolleys, rails, levers, etc.)”...

**Proposal:** The wording “rated operating time” is used twice in the standard. To clarify the meaning of it, add the following definition.

#### 3.1.101

##### **rated operating time**

duration of continuous operation assigned to the drive by the manufacturer

Note 1 to entry: During continuous operation, the drive may reverse its direction.

**Proposal:** The word “cycle” is used many times in the standard. The common meaning of it, is too generic and not enough precise for the requirements of this standard. To clarify the meaning of it, add the following definition.

### 3.1.102

#### cycle

complete opening and closing movement of the door

**Proposal:** The wording “rated number of cycles” is used in the standard. To clarify the meaning of it, add the following definition.

### 3.1.103

#### rated number of operating cycles

number of uninterrupted operating **cycles** assigned to the **drive** by the manufacturer

Note 1 to entry: A system delay is included in the operation **cycle**.

**Proposal:** The wording “mode of operation” will be used in this proposal. To clarify the meaning of it, add the following definition.

### 3.5.103

#### mode of operation

way the movement of the driven part is initiated.

## 5 General conditions for the tests

**Proposal:** To avoid misunderstanding and too many tests, the following clarification can be useful.

### 5.3 Add at the end of the clause of Part 1:

*When a **drive** incorporates a sub-assembly or a part which has already been tested against relevant clause(s) of this document, those tests need not be repeated, if the incorporation of the sub-assembly or part into the **drive** does not impact the safety of the sub-assembly or part.*

## 6 Classification

**Proposal:** In the clause 15.1.1 it is specified that only the parts exposed to the outdoor condition shall be tested according IPX4 tests. To be more coherent, the requirement should be in the clause 6 for the classification. The clause 15 is to specify how to check the rating. Modify as follows.

### 6.2

Add after “Drive...” the following:

... or part of drives ...

## 7 Marking and instructions

### 7.1

**Proposal:** The unit of the power input is not specified. Add the unit as follows.