

INTERNATIONAL STANDARD



Household and similar electrical appliances – Safety –
Part 2-82: Particular requirements for amusement machines and personal
service machines

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CONTENTS

FOREWORD	4
INTRODUCTION	7
1 Scope	8
2 Normative references	9
3 Terms and definitions	9
4 General requirement	11
5 General conditions for the tests	11
6 Classification	12
7 Marking and instructions	12
8 Protection against access to live parts	13
9 Starting of motor-operated appliances	14
10 Power input and current	14
11 Heating	14
12 Void Charging of metal-ion batteries	15
13 Leakage current and electric strength at operating temperature	15
14 Transient overvoltages	15
15 Moisture resistance	15
16 Leakage current and electric strength	16
17 Overload protection of transformers and associated circuits	16
18 Endurance	16
19 Abnormal operation	16
20 Stability and mechanical hazards	18
21 Mechanical strength	19
22 Construction	19
23 Internal wiring	20
24 Components	21
25 Supply connection and external flexible cords	21
26 Terminals for external conductors	22
27 Provision for earthing	22
28 Screws and connections	22
29 Clearances, creepage distances and solid insulation	22
30 Resistance to heat and fire	23
31 Resistance to rusting	23
32 Radiation, toxicity and similar hazards	23
Annexes	25
Annex B (normative) Battery-operated appliances, separable batteries and detachable batteries for battery-operated appliances	26
Annex R (normative) Software evaluation	27
Bibliography	28
List of comments	29
Figure 101 – Probe for measuring surface temperatures	24

Table 101 – Maximum temperature rises for specified external accessible surfaces under normal operating conditions 15

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – SAFETY –

Part 2-82: Particular requirements for amusement machines and personal service machines

FOREWORD

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This commented version (CMV) of the official standard IEC 60335-2-82:2024 edition 4.0 allows the user to identify the changes made to the previous IEC 60335-2-82:2017+AMD1:2020 CSV edition 3.1. Furthermore, comments from IEC TC 61 experts are provided to explain the reasons of the most relevant changes, or to clarify any part of the content.

A vertical bar appears in the margin wherever a change has been made. Additions are in green text, deletions are in strikethrough red text. Experts' comments are identified by a blue-background number. Mouse over a number to display a pop-up note with the comment.

This publication contains the CMV and the official standard. The full list of comments is available at the end of the CMV.

IEC 60335-2-82 has been prepared by IEC technical committee 61: Safety of household and similar electrical appliances. It is an International Standard.

This fourth edition cancels and replaces the third edition published in 2017 and Amendment 1:2020. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) alignment with IEC 60335-1:2020;
- b) conversion of some notes to normative text (Clause 1, 19.2, 19.101, 22.104);
- c) introduction of test probe 18 (22.101);
- d) introduction of test probe 19 (8.1.1, 20.2);
- e) addition of surface temperature rise limits (11.3, 11.8, Table 101).

The text of this International Standard is based on the following documents:

Draft	Report on voting
61/7273/FDIS	61/7299/RVD

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

A list of all parts of the IEC 60335 series, under the general title: *Household and similar electrical appliances – Safety*, can be found on the IEC website.

This part 2 is to be used in conjunction with the latest edition of IEC 60335-1 and its amendments unless that edition precludes it; in that case, the latest edition that does not preclude it is used. It was established on the basis of the sixth edition (2020) 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: Particular requirements for amusement machines and personal service machines.

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;*