BS EN IEC 60335-2-28:2025+A11:2025



BSI Standards Publication

Household and similar electrical appliances — Safety

Part 2-28: Particular requirements for sewing machines

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National foreword

This British Standard is the UK implementation of EN IEC 60335-2-28:2025+A11:2025. It is derived from IEC 60335-2-28:2021. It supersedes BS EN 60335-2-28:2003+A11:2018, which will be withdrawn on 31 May 2028.

The start and finish of text introduced or altered by amendment A11 is indicated in the text by tags. Tags indicating changes to text carry the number of the CENELEC amendment. For example, text altered by CENELEC amendment A11 is indicated by [A11⟩ ⟨A11].

The UK participation in its preparation was entrusted to Technical Committee CPL/61/1, Motorised appliance group.

A list of organizations represented on this committee can be obtained on request to its committee manager.

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EUROPEAN STANDARD

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EN IEC 60335-2-28:2025+A11

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English Version

Household and similar electrical appliances - Safety - Part 2-28: Particular requirements for sewing machines (IEC 60335-2-28:2021)

Appareils électrodomestiques et analogues - Sécurité - Partie 2-28: Exigences particulières pour les machines à coudre
(IEC 60335-2-28:2021)

Sicherheit elektrischer Geräte für den Hausgebrauch und ähnliche Zwecke - Teil 2-28: Besondere Anforderungen für Nähmaschinen
(IEC 60335-2-28:2021)

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
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European foreword

This document (EN IEC 60335-2-28:2025) consists of the text of IEC 60335-2-28:2021 prepared by IEC/TC 61 "Safety of household and similar electrical appliances".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with this document have to be withdrawn

This document supersedes EN 60335-2-28:2003 and all of its amendments and corrigenda (if any).

This document is read in conjunction with EN IEC 60335-2-28:2025/A11:2025.

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Endorsement notice

The text of the International Standard IEC 60335-2-28:2021 was approved by CENELEC as a European Standard without any modification.

European foreword to amendment A11

This document (EN IEC 60335-2-28:2025/A11:2025) has been prepared by CLC/TC 61 "Safety of household and similar electrical appliances".

The following dates are fixed:

• latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2026-05-31
• latest date by which the national standards conflicting with this document have to be withdrawn	(dow)	2028-05-31

This document is read in conjunction with EN IEC 60335-2-28:2025.

The numbering system for European clauses, subclauses, notes, tables, figures and annexes that are additional to those in the IEC standard are prefixed with the letter "Z".

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CONTENTS

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

Figure 101 – Probe for measuring surface temperatures 15

Documents
Document Sharing Hub

Full document details: BS EN IEC 60335-2-28:2025+A11:2025

Table 101 – Maximum temperature rises for specified external surfaces under normal operating conditions..... 12

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Full document details: BS EN IEC 60335-2-28:2025+A11:2025

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES – SAFETY –

Part 2-28: Particular requirements for sewing machines

FOREWORD

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IEC 60335-2-28 has been prepared by IEC technical committee 61: Safety of household and similar electrical appliances. It is an International Standard.

This fifth edition cancels and replaces the fourth edition published in 2002 and Amendment 1:2008. This edition constitutes a technical revision.

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

a) the text has been aligned with IEC 60335-1:2020;
b) some notes have been converted to normative text (Clause 1, 11.7, 22.14, 22.101);
c) clarification of requirements for battery-operated appliances (Clause 1, 3.1.9, 11.7, B.11.1);
d) introduction of limits on the temperature rise of external accessible surfaces (Clause 11);
e) application of test probe 19 has been introduced (8.1.1, 20.2).

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

Draft	Report on voting
61/6380/FDIS	61/6430/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/standardsdev/publications.

A list of all parts in the IEC 60335 series, published 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 sewing 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;*

– notes: in small roman type.

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.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

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