

Specification for

Safety of household and similar electrical appliances —

Part 2: Particular requirements —

Section 2.58 Commercial electric dishwashing machines

The European Standard EN 60335-2-58:1993 has the status of a
British Standard

UDC 64.06-83:648.545:620.1:614.8

Cooperating organizations

The European Committee for Electrotechnical Standardization (CENELEC), under whose supervision this European Standard was prepared, comprises the national committees of the following countries:

Austria	Italy
Belgium	Luxembourg
Denmark	Netherlands
Finland	Norway
France	Portugal
Germany	Spain
Greece	Sweden
Iceland	Switzerland
Ireland	United Kingdom

This British Standard, having been prepared under the direction of the Light Electrical Engineering Standards Policy Committee, was published under the authority of the Standards Board and comes into effect on 15 September 1993

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The following BSI references relate to the work on this standard:
Committee reference LEL/61
Special announcement in *BSI News* July 1993

ISBN 0 580 22466 X

Amendments issued since publication

Amd. No.	Date	Comments

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National foreword

This British Standard has been prepared under the direction of the Light Electrical Engineering Standards Policy Committee and is the English language version of EN 60335-2-58, *Safety of household and similar electrical appliances — Part 2: Particular requirements for commercial electric dishwashing machines*, published by the European Committee for Electrotechnical Standardization (CENELEC). It was derived by CENELEC from IEC 335-2-58:1990 published by the International Electrotechnical Commission (IEC).

The CENELEC common modifications have been implemented at the appropriate places in the text and are indicated by a side line in the margin. Parts of the original IEC text that have been modified by CENELEC have been quoted in National annex NA.

This British Standard is to be read in conjunction with BS 3456-201:1990 *General requirements* including the Amendments shown in the following table which supplement and modify BS 3456-201. The interrelationships of the Amendments to IEC 335-1:1976, EN 60335-1:1988 and BS 3456-201:1990 are also shown in the table. The many references to Part 1 should be read as references to BS 3456-201, which is the English language version of EN 60335-1, which was derived from the 1983 reprint of IEC 335-1:1976 including Amendments 1, 2 and 3 to IEC 335-1:1976.

Amendment to BS 3456-201:1990	Amendment to EN 60335-1:1988	Amendment to IEC 335-1:1976
Amendment No. 1:1990	Amendment 2:1988 ^a	Amendment No. 4:1984
Amendment No. 2:1990	Amendment 5:1989 ^a	Amendment No. 5:1986
Amendment No. 3:1990	Amendment 6:1989 ^a	Amendment No. 6:1988
Amendment No. 4:1992	Amendment A51:1991	—
Amendment No. 5:1992	Amendment A52:1992	—
Amendment No. 6:1992	Amendment A53:1992	—
Amendment No. 7:1993	Amendment A54:1992	—
^a These Amendments to EN 60335-1 implement, with additions and modifications, the corresponding Amendments to IEC 335-1.		

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

Compliance with a British Standard does not of itself confer immunity from legal obligations.

Summary of pages

This document comprises a front cover, an inside front cover, pages i and ii, the EN title page, pages 2 to 18, an inside back cover and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

UDC 64.06-83:648.545:620.1:614.8

Descriptors: Household electrical appliances, dishwashing machines, appliances for commercial use, safety requirements, protection against electric shock, fire protection, protection against mechanical hazard

English version

Safety of household and similar electrical appliances Part 2: Particular requirements for commercial electric dishwashing machines

(IEC 335-2-58:1990, modified)

Sécurité des appareils électrodomestiques et
analogues
Deuxième partie: Règles particulières pour les
lave-vaisselle électriques à usage collectif
(CEI 335-2-58:1990, modifiée)

Sicherheit elektrischer
Geräte für den Hausgebrauch und ähnliche
Zwecke
Teil 2: Besondere Anforderungen für
elektrische Geschirrspülmaschinen für den
gewerblichen Gebrauch
(IEC 335-2-58:1990, modifiziert)

This European Standard was approved by CENELEC on 9 March 1993. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

The proposal to endorse the first edition of IEC 335-2-58, document CLC/TC 61 (SEC) 743, was circulated under the enquiry procedure in August 1990. This proposal was discussed during the Baden meeting in May 1991 and during the Valadares meeting in April 1992, when it was decided to submit a draft for EN 60335-2-58 to the voting procedure.

This draft was circulated in September 1992 and was ratified by CENELEC on 9 March 1993.

This European Standard has been prepared by the secretariat of CENELEC Technical Committee TC 61.

The following dates are applicable:

- latest date of publication
of an identical national
standard (dop) 1993-12-01
- latest date of withdrawal
of conflicting national
standards (dow) 1995-12-01

For products which have complied with the relevant national standard before 1995-12-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2000-12-01.

This standard has to be used in conjunction with EN 60335-1:1988, *Safety of household and similar electrical appliances*, Part 1: *General requirements*, including its amendments A2:1988, A5:1989, A6:1989, A51:1991, A52:1992, A53:1992, A54:1992 and A55:1993.

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

Subclauses which are in addition to those in Part 1 are numbered starting with 101. Additional appendices are lettered AA, BB, etc.

Subclauses which are in addition to those in IEC 335-2-58 are numbered starting with 601.

There are no special national conditions (snc) causing a deviation from this European Standard, other than those listed in Annex ZX to EN 60335-1.

National deviations from this European Standard are listed in Annex ZY and are in addition to those in EN 60335-1.

Other publications quoted in this standard:

EN 50084:1991, *Requirements for the connection of washing machines, dishwashers and tumbler dryers to the water mains*.

HD 365 S3:1985, *Classification of degrees of protection provided by enclosures*.

IEC 252:1975, *A.C. motor capacitors*.

IEC 436:1981, *Methods for measuring the performance of electric dishwashers*.

ISO 4046:1978, *Paper, board, pulp and related terms — Vocabulary*.

The following print types are used:

requirements: in roman type;

test specifications: *in italic type*;

explanations: in small roman type.

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