

Automatic electrical controls for household and similar use —

Part 2-1: Particular requirements for electrical controls for electrical household appliances

The European Standard EN 60730-2-1:1997, with the incorporation of Amendment A11:2005, has the status of a British Standard

ICS 97.120

Committees responsible for this British Standard

The preparation of this British Standard was entrusted to Technical Committee CPL/72, Electrical control devices for household equipment and appliances, upon which the following bodies were represented:

- Association of Control Manufacturers [TACMA (BEAMA Ltd.)]
- Association of Manufacturers of Domestic Electrical Appliances
- British Combustion Equipment Manufacturers Association
- British Electrotechnical Approvals Board
- British Refrigeration Association
- BSI Testing Services
- Consumer Policy Committee of BSI
- Department of the Environment (Building Research Establishment)
- Department of Trade and Industry (Consumer Safety Unit, CA Division)
- Electricity Association
- ERA Technology Ltd.
- Society of British Gas Industries

This British Standard, having been prepared under the direction of the Electrotechnical Sector Board, was published under the authority of the Standards Board and comes into effect on 15 July 1997

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National foreword

This Section of BS EN 60730 has been prepared by Technical Committee CPL/72, and is the English language version of EN 60730-2-1:1997, *Automatic electrical controls for household and similar use — Part 2-1: Particular requirements for electrical controls for electrical household appliances*, including corrigendum March 2001 and amendment A11:2005 published by the European Committee for Electrotechnical Standardization (CENELEC). It is derived by CENELEC from IEC 60730-2-1:1989, published by the International Electrotechnical Commission.

CENELEC corrigendum March 2001 replaces the latest date of withdrawal of conflicting national standards in the EN foreword.

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This British Standard supersedes BS EN 60730-2-1:1992 which will be withdrawn on 1 April 2004 in accordance with the CENELEC Internal Regulations. Certification and marks will not be awarded after this date with respect to BS EN 60730-2-1:1992.

This British Standard is to be read in conjunction with BS EN 60730-1:1995, *General requirements*, which it supplements or modifies. The many references to Part 1 should be read as references to BS EN 60730-1:1995, which is the English language version of EN 60730-1:1995 which was derived from IEC Publication 60730-1 (1993) second edition. Consideration may be given to future editions of, or amendments to, BS EN 60730-1.

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

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its 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 12, an inside back cover and a back cover.

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Descriptors: Electrical household appliance, control, automatic control, thermal cut-out, definition, requirement, test

English version

Automatic electrical controls for household and similar use — Part 2-1: Particular requirements for electrical controls for electrical household appliances

(includes amendment A11:2005)
(IEC 60730-2-1:1989, modified)

Dispositifs de commande électrique automatiques à usage domestique et analogue —
Partie 2-1: Règles particulières pour dispositifs de commande électrique pour appareils électrodomestiques
(inclut l'amendement A11:2005)
(CEI 60730-2-1:1989, modifiée)

Automatische elektrische Regel- und Steuergeräte für den Hausgebrauch und ähnliche Anwendungen —
Teil 2-1: Besondere Anforderungen an Regel- und Steuergeräte für elektrische Haushaltsgeräte
(enthält Änderung A11:2005)
(IEC 60730-2-1:1989, modifiziert)

This European Standard was approved by CENELEC on 1996-12-09. Amendment A11 was approved by CENELEC on 2004-12-01. 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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

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

Central Secretariat: rue de Stassart 35, B-1050 Brussels

Foreword

The text of the International Standard IEC 730-2-1:1989, prepared by IEC TC 72, Automatic controls for household use, together with common modifications prepared by the Technical Committee CENELEC TC 72, was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 60730-2-1 on 1996-12-09.

The following dates were fixed:

- latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 1997-10-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2004-04-01

For products which have complied with EN 60730-2-1:1991 and its amendments A11:1992, A12:1993 and A13:1995 before 2004-04-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2004-04-01.

This Part 2 is to be used in conjunction with EN 60730-1:1995, *Automatic electrical controls for household and similar use — Part 1: General requirements*. Consideration may be given to future editions of, or amendments to, EN 60730-1.

This Part 2 supplements or modifies the corresponding clauses of EN 60730-1:1995, so as to convert it into the European Standard: Safety requirements for electrical controls for electrical household appliances.

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

Subclauses and figures which are in addition to those in Part 1 are numbered 101, 102 etc. The reference of subclauses and annexes which are in addition to those in IEC 730-2-1 is prefixed with the letter Z.

There are no special national conditions (snc) causing a deviation from this European Standard other than those listed in Annex ZB of EN 60730-1.

There are no national deviations from this European Standard other than those listed in Annex ZC of EN 60730-1.

NOTE In this document, the following print types are used:

- requirements proper: in roman type;
- *test specifications: in italic type;*
- explanatory matter: in smaller roman type;
- **instructions for modification of the reference: in bold type.**

Foreword to amendment A11

This amendment to the European Standard EN 60730-2-1:1997 was prepared by the Technical Committee CENELEC TC 72, Automatic controls for household use.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A11 to EN 60730-2-1:1997 on 2004-12-01.

This amendment was prepared in order to delete requirements which are to be included in Part 1 or in a separate Part 2. EN 60730-2-1:1997 will be withdrawn at the latest date of withdrawal of the last Part 2 for which it is applicable, i.e. 2009-03-01 which aligns with the dow of EN 60730-2-2:2002.

The following dates were fixed:

- latest date by which the amendment has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2005-12-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2009-03-01