

Automatic electrical controls for household and similar use —

Part 2-13: Particular requirements for humidity sensing controls

ICS 97.120

National foreword

This British Standard is the UK implementation of EN 60730-2-13:2008. It is derived from IEC 60730-2-13:2006. It supersedes BS EN 60730-2-13:1998 which will be withdrawn on 1 October 2010.

The CENELEC common modifications have been implemented at the appropriate places in the text and are indicated by tags (e.g. [C] <C>).

The UK participation in its preparation was entrusted to Technical Committee CPL/72, Electrical control devices for household equipment and appliances.

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

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 cannot confer immunity from legal obligations.

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Amendments/corrigenda issued since publication

Date	Comments

**Automatic electrical controls for household and similar use -
Part 2-13: Particular requirements for humidity sensing controls
(IEC 60730-2-13:2006, modified)**

Dispositifs de commande électrique
automatiques à usage domestique
et analogue -
Partie 2-13: Règles particulières
pour les dispositifs de commande
sensibles à l'humidité
(CEI 60730-2-13:2006, modifiée)

Automatische elektrische Regel- und
Steuergeräte für den Hausgebrauch
und ähnliche Anwendungen -
Teil 2-13: Besondere Anforderungen
an feuchtigkeitsempfindliche
Regel- und Steuergeräte
(IEC 60730-2-13:2006, modifiziert)

This European Standard was approved by CENELEC on 2007-10-01. 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, Bulgaria, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and the United Kingdom.

CENELEC

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

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Foreword

The text of the International Standard IEC 60730-2-13:2006, prepared by IEC TC 72, Automatic controls for household use, together with the common modifications prepared by the Technical Committee CENELEC TC 72, Automatic controls for household use, was submitted to the formal vote and was approved by CENELEC as EN 60730-2-13 on 2007-10-01.

This European Standard supersedes EN 60730-2-13:1998 (+ corr. May 2000) + A1:1998 (+ corr. May 2000) + A2:2002 + A11:2005.

It incorporates amended requirements for electronic controls in Annex H.

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) 2008-10-01
- latest date by which the national standards conflicting
with the EN have to be withdrawn (dow) 2010-10-01

This Part 2-13 is to be used in conjunction with EN 60730-1:2000 + A1:2004, Automatic electrical controls for household and similar use – Part 1: General requirements, and any subsequent amendments.

This Part 2-13 supplements or modifies the corresponding clauses in EN 60730-1 so as to convert that publication into the European Standard: Particular requirements for humidity sensing controls.

Where this Part 2-13 states "addition", "modification" or "replacement", the relevant requirement, test specification or explanatory matter in Part 1 shall be adapted accordingly.

Where no change is necessary, this Part 2-13 indicates that the relevant clause or subclause applies.

In this publication, the following print types are used:

- Requirements proper: in roman type.
- *Test specifications: in italic type.*
- Explanatory matter: in smaller roman type.

Subclauses, notes or items which are additional to those in Part 1 are numbered starting from 101, additional annexes are lettered AA, BB, etc.

Endorsement notice

The text of the International Standard IEC 60730-2-13:2006 was approved by CENELEC as a European Standard with agreed common modifications.

CONTENTS

1	Scope and normative references	4
2	Definitions	4
3	General requirements	5
4	General notes on tests	5
5	Rating	5
6	Classification	5
7	Information	5
8	Protection against electric shock	5
9	Provision for protective earthing	5
10	Terminals and terminations	5
11	Constructional requirements	5
12	Moisture and dust resistance	6
13	Electric strength and insulation resistance	6
14	Heating	6
15	Manufacturing deviation and drift	6
16	Environmental stress	6
17	Endurance	7
18	Mechanical strength	7
19	Threaded parts and connections	7
20	Creepage distances, clearances and distances through solid insulation	8
21	Resistance to heat, fire and tracking	8
22	Resistance to corrosion	8
23	Electromagnetic compatibility (EMC) requirements – emission	8
24	Components	8
25	Normal operation	8
26	Electromagnetic compatibility (EMC) requirements – immunity	8
27	Abnormal operation	8
28	Guidance on the use of electronic disconnection	8
	Annexes	9
	Annex H (normative) Requirements for electronic controls	9
	Annex AA (normative) Number of cycles	14

AUTOMATIC ELECTRICAL CONTROLS FOR HOUSEHOLD AND SIMILAR USE –

Part 2-13: Particular requirements for humidity sensing controls

1 Scope and normative references

This clause of Part 1 is applicable except as follows:

1.1 Replacement:

This part of IEC 60730 applies to automatic electrical humidity sensing controls for use in, on or in association with equipment for household and similar use, including controls for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc. or a combination thereof.

1.1.1 Replace the note following the second paragraph with the following new note:

Throughout this standard, the word "equipment" includes "appliance" and "control system".

1.1.2 Replacement:

This standard applies to automatic electrical controls, mechanically or electrically operated, responsive to or controlling humidity.

1.1.3 Not applicable.

2 Definitions

This clause of Part 1 is applicable except as follows:

2.2 Definitions of types of control according to purpose

2.2.19 Addition:

In general, a humidity sensing control is an operating control.

Additional definitions:

2.2.101

humidity sensing control

automatic electrical control which is either intended to keep the controlled humidity above, below or between a particular value(s)

2.2.102

room humidistat

independently mounted or incorporated humidity sensing control intended to control the humidity of habitable space