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Responsible committee: CPL/72 Electrical control devices for household equipment and appliances

Interested committees:

Title: BS EN IEC 60730-2-11 Automatic electrical controls

Part 2-11: Particular requirements for energy regulators

Please notify the secretary if you are aware of any keywords that might assist in classifying or identifying the standard or if the content of this standard

- i) has any issues related to 3rd party IPR, patent or copyright
- ii) affects other national standard(s)
- iii) requires additional national guidance or information

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THIS DRAFT IS NOT CURRENT BEYOND 21 August 2024

This draft is issued to allow comments from interested parties; all comments will be given consideration prior to publication. No acknowledgement will normally be sent. **See overleaf for information on the submission of comments.**

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
- All comments should be submitted online at <https://standardsdevelopment.bsigroup.com/>. You will need to register in order to comment.

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx
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1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex (e.g. 3.1)	Paragraph/Figure/ Table/Note	Type of comment	Commend (justification for change) by the MB	Proposed change by the MB	Secretariat observations on each comment submitted
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	



72/1430/CDV

COMMITTEE DRAFT FOR VOTE (CDV)

PROJECT NUMBER:

IEC 60730-2-11 ED4

DATE OF CIRCULATION:

2024-06-28

CLOSING DATE FOR VOTING:

2024-09-20

SUPERSEDES DOCUMENTS:

72/1424/RR

IEC TC 72 : AUTOMATIC ELECTRICAL CONTROLS	
SECRETARIAT: United States of America	SECRETARY: Ms Grace Roh
OF INTEREST TO THE FOLLOWING COMMITTEES:	PROPOSED HORIZONTAL STANDARD: ☐ Other TC/SCs are requested to indicate their interest, if any, in this CDV to the secretary.
FUNCTIONS CONCERNED: ☐ EMC ☐ ENVIRONMENT ☐ QUALITY ASSURANCE ☒ SAFETY	
☐ SUBMITTED FOR CENELEC PARALLEL VOTING	☒ NOT SUBMITTED FOR CENELEC PARALLEL VOTING

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Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

Recipients of this document are invited to submit, with their comments, notification of any relevant "In Some Countries" clauses to be included should this proposal proceed. Recipients are reminded that the CDV stage is the final stage for submitting ISC clauses. (SEE [AC/22/2007](#) OR [NEW GUIDANCE DOC](#)).

TITLE:

Automatic electrical controls - Part 2-11: Particular requirements for energy regulators

PROPOSED STABILITY DATE: 2028

NOTE FROM TC/SC OFFICERS:

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CONTENTS

1	CONTENTS	2
2	1 Scope	7
3	2 Normative references	8
4	3 Terms and definitions	8
5	3.5 Definitions of types of control according to construction	8
6	4 General	8
7	5 Required technical information	8
8	5.2 Methods of providing technical information	8
9	6 Protection against electric shock	9
10	7 Provision for protective earthing	9
11	8 Terminals and terminations.....	9
12	9 Constructional requirements	9
13	9.3 Actuation and operation	9
14	9.4 Actions	9
15	10 Threaded parts and connections.....	10
16	11 Creepage distances, clearances and distances through solid insulation.....	10
17	12 Components	10
18	13 Fault assessment on electronic circuits.....	10
19	13.1 Fault assessment for inherent safety.....	10
20	14 Moisture and dust resistance	10
21	15 Electric strength and insulation resistance	10
22	16 Heating.....	10
23	16.101 Energy regulators for use in or on cooking appliances	11
24	17 Manufacturing deviation and drift.....	11
25	18 Environmental stress	11
26	19 Endurance	11
27	19.7 Overvoltage test or overload test in all countries using an overload test of automatic action at accelerated rate	11
28	19.8 Test of automatic action at accelerated rate	11
29	19.9 Test of automatic action at slow rate	11
30	19.13 Test of manual action at accelerated speed	11
31	19.15 Test for particular purpose controls.....	12
32	20 Mechanical strength	12
33	20.101 Push-and-turn or pull-and-turn actuation	12
34	21 Resistance to heat, fire and tracking.....	13
35	22 Resistance to corrosion	13
36	23 Electromagnetic compatibility (EMC) requirements – Emission	13
37	24 Normal operation	13
38	25 Electromagnetic compatibility (EMC) requirements – Immunity	13
39	26 Abnormal operation tests	13
40	Annex H (normative) Requirements related to functional safety	14
41	H.5 Information	14
42	H.9 Constructional requirements	14

45	H.13	Fault assessment on electronic circuits	14
46	H.17	Manufacturing deviation and drift	14
47	H.19	Endurance	15
48	H.25	Electromagnetic compatibility (EMC) requirements – Immunity.....	15
49	Annex R (informative)	National differences relevant in the United States of America.....	17
50	R.2	Normative references.....	17
51	Annex S (informative)	National differences relevant in Japan	18
52	S.2	Normative references.....	18
53	Annex T (normative)	National differences relevant in Canada	19
54	Replacement:		19
55	NOTE	This annex is informative in this document, but in CSA C22.2 No. 60730-2-	
56		11, this annex is normative. Refer to CSA C22.2 No. 60730-2-11, National	
57		differences for Canada specific requirements.....	19
58	T.1	Normative references.....	19
59	T.5	Required technical information.....	19
60			
61	Table 1 – Required technical information and methods of providing these information		9
62	Table H.1 – Additional items to Table 1.....		14
63	Table 1 – Required technical information and methods of providing these information		19
64			
65			

INTERNATIONAL ELECTROTECHNICAL COMMISSION

AUTOMATIC ELECTRICAL CONTROLS –

Part 2-11: Particular requirements for energy regulators

FOREWORD

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IEC 60730-2-11 has been prepared by IEC technical committee 72: AUTOMATIC ELECTRICAL CONTROLS. It is an International Standard.

This 4.0 edition cancels and replaces the 3.0 edition published in 2019. This edition constitutes a technical revision.

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

- a) adoption to IEC 60730-1 Ed.6.0 with all of its significant changes to IEC 60730-1 Ed.5.1

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

Draft	Report on voting
XX/XX/FDIS	XX/XX/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 60730 series, under the general title: AUTOMATIC ELECTRICAL CONTROL, can be found on the IEC website.

This part 2-11 is intended to be used in conjunction with IEC 60730-1. It was established on the basis of the sixth edition of that standard (2022). Consideration may be given to future editions of, or amendments to, IEC 60730-1.

This part 2-11 supplements or modifies the corresponding clauses in IEC 60730-1, so as to convert that publication into the IEC standard: Particular requirements for electric actuators.

Where this part 2-11 states "addition", "modification" or "replacement", the relevant requirement, test specification or explanatory matter in part 1 should be adapted accordingly.

Where no change is necessary part 2-11 indicates that the relevant clause or subclause applies.

In the development of a fully international standard it has been necessary to take into consideration the differing requirements resulting from practical experience in various parts of the world and to recognize the variation in national electrical systems and wiring rules.

The reader's attention is drawn to the fact that Annex Q, Annex R, Annex S and Annex T list all of the "in-some-country" clauses on differing practices of a less permanent nature relating to the subject of this document.

In this publication:

1) The following print types are used:

- requirements proper: in roman type;
- *test specifications: in italic type*;
- explanatory matter: in smaller roman type.
- Defined terms: **bold type**.

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

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

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.