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STN	**Automatické elektrické riadiace zariadenia Časť 2-13: Osobitné požiadavky na riadiace zariadenia citlivé na vlhkosť**	**STN EN IEC 60730-2-13** 36 1950

Automatic electrical controls - Part 2-13: Particular requirements for humidity sensing controls

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 08/18

Obsahuje: EN IEC 60730-2-13:2018, IEC 60730-2-13:2017

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EUROPEAN STANDARD

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EUROPÄISCHE NORM

EN IEC 60730-2-13

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Supersedes EN 60730-2-13:2008

English Version

Automatic electrical controls - Part 2-13: Particular requirements for humidity sensing controls (IEC 60730-2-13:2017)

Dispositifs de commande électrique automatiques - Partie 2-13: Règles particulières pour les dispositifs de commande sensibles à l'humidité (IEC 60730-2-13:2017)

Automatische elektrische Regel- und Steuergeräte für den Hausgebrauch und ähnliche Anwendungen - Teil 2-13: Besondere Anforderungen an feuchtigkeitsempfindliche Regel- und Steuergeräte (IEC 60730-2-13:2017)

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

European foreword

The text of document 72/1078/FDIS, future edition 3 of IEC 60730-2-13, prepared by IEC/TC 72 "Automatic electrical controls", was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60730-2-13:2018.

The following dates are fixed:

• latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2018-10-13
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2021-04-13

This document supersedes EN 60730-2-13:2008.

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Endorsement notice

The text of the International Standard IEC 60730-2-13:2017 was approved by CENELEC as a European Standard without any modification.

IEC 60730-2-13

Edition 3.0 2017-10

INTERNATIONAL STANDARD

Automatic electrical controls –
Part 2-13: Particular requirements for humidity sensing controls

IEC60730-2-13:2017-10(en)

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INTERNATIONAL STANDARD

Automatic electrical controls –
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CONTENTS

INTERNATIONAL ELECTROTECHNICAL COMMISSION

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AUTOMATIC ELECTRICAL CONTROLS –

Part 2-13: Particular requirements for humidity sensing controls

FOREWORD

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International Standard IEC 60730-2-13 has been prepared by IEC technical committee 72: Automatic electrical controls.

The text of this standard is based on the following documents:

FDIS	Report on voting
72/1078/FDIS	72/1108/RVD

Full information on the voting for the approval of this International Standard can be found in the report on voting indicated in the above table.

This document has been drafted in accordance with the ISO/IEC Directives, Part 2.

This third edition cancels and replaces the second edition published in 2006. This edition constitutes a technical revision. This edition includes alignment with the text of 60730-1 fifth edition and the following significant technical changes with respect to the previous edition:

a) alignment of the EMC requirements in Clause H.26 to those in other part 2 standards;
b) addition of requirements in Clause H.27 to cover class B and C control functions of humidity sensing controls.

This Part 2-13 is intended to be used in conjunction with IEC 60730-1. It was established on the basis of the fifth edition of that standard (2013). Consideration may be given to future editions of, or amendments to, IEC 60730-1.

This Part 2-13 supplements or modifies the corresponding clauses in IEC 60730-1, so as to convert that publication into the IEC 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 should be adapted accordingly.

Where no change is necessary, this Part 2-13 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.

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.

A list of all parts of the IEC 60730 series, under the general title *Automatic electrical controls* can be found on the IEC website.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "http://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.

A bilingual version of this publication may be issued at a later date.

AUTOMATIC ELECTRICAL CONTROLS –

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 Scope

Replacement:

This part of IEC 60730 applies to automatic electrical humidity sensing controls for use in, on or in association with equipment, 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.

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

This International Standard is applicable to automatic electrical humidity sensing controls forming part of a building automation control system within the scope of ISO 16484.

This standard also applies to automatic electrical humidity sensing controls for equipment that may be used by the public, such as equipment intended to be used in shops, offices, hospitals, farms and commercial and industrial applications.

This standard does not apply to automatic electrical humidity sensing controls intended exclusively for industrial process applications unless explicitly mentioned in the equipment standard.

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.