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Digitalt adresserbart gränssnitt för ljusarmaturer – Del 210: Särskilda fordringar på driftdon för sekvensstyrning (apparater av typ 9)

*Digital addressable lighting interface –
Part 210: Particular requirements for control gear –
Sequencer (device type 9)*

Som svensk standard gäller europastandarden EN 62386-210:2011. Den svenska standarden innehåller den officiella engelska språkversionen av EN 62386-210:2011.

Nationellt förord

Europastandarden EN 62386-210:2011

består av:

- **europastandardens ikraftsättningsdokument**, utarbetat inom CENELEC
- **IEC 62386-210, First edition, 2011 - Digital addressable lighting interface - Part 210: Particular requirements for control gear - Sequencer (device type 9)**

utarbetad inom International Electrotechnical Commission, IEC.

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**Digital addressable lighting interface -
Part 210: Particular requirements for control gear -
Sequencer (device type 9)
(IEC 62386-210:2011)**

Interface d'éclairage adressable
numérique -
Partie 210: Exigences particulières pour
les appareillages de commande -
Séquenceur (dispositifs de type 9)
(CEI 62386-210:2011)

Digital adressierbare Schnittstelle für die
Beleuchtung -
Teil 210: Besondere Anforderungen an
Betriebsgeräte -
Sequencer (Gerätetyp 9)
(IEC 62386-210:2011)

This European Standard was approved by CENELEC on 2011-05-25. 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, Croatia, 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 document 34C/915/CDV, future edition 1 of IEC 62386-210, prepared by SC 34C, Auxiliaries for lamps, of IEC TC 34, Lamps and related equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 62386-210 on 2011-05-25.

EN 62386-210 is intended to be used in conjunction with EN 62386-101 and EN 62386-102, which contain general requirements for the relevant product type (control gear or control devices).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN and CENELEC shall not be held responsible for identifying any or all such patent rights.

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) | 2012-02-25 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2014-05-25 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 62386-210:2011 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60598-1	NOTE	Harmonized as EN 60598-1.
IEC 60669-2-1	NOTE	Harmonized as EN 60669-2-1.
IEC 60921	NOTE	Harmonized as EN 60921.
IEC 60923	NOTE	Harmonized as EN 60923.
IEC 60925	NOTE	Harmonized as EN 60925.
IEC 60929	NOTE	Harmonized as EN 60929.
IEC 61347-1	NOTE	Harmonized as EN 61347-1.
IEC 61347-2-3	NOTE	Harmonized as EN 61347-2-3.
IEC 61547	NOTE	Harmonized as EN 61547.
CISPR 15	NOTE	Harmonized as EN 55015.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 62386-101	2009	Digital addressable lighting interface - Part 101: General requirements - System	EN 62386-101	2009
IEC 62386-102	2009	Digital addressable lighting interface - Part 102: General requirements - Control gear	EN 62386-102	2009

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INTRODUCTION

This first edition of IEC 62386-210 is published in conjunction with IEC 62386-101 and IEC 62386-102. The division of IEC 62386 into separately published parts provides for ease of future amendments and revisions. Additional requirements will be added as and when a need for them is recognised.

This International Standard, and the other parts that make up the IEC 62386-200 series, in referring to any of the clauses of IEC 62386-101 or IEC 62386-102, specifies the extent to which such a clause is applicable and the order in which the tests are to be performed. The parts also include additional requirements, as necessary. All parts that make up the IEC 62386-200 series are self-contained and therefore do not include references to each other.

Where the requirements of any of the clauses of IEC 62386-101 or IEC 62386-102 are referred to in this International Standard by the sentence "The requirements of IEC 62386-1XX, clause 'n' apply", this sentence is to be interpreted as meaning that all requirements of the clause in question of Part 101 or Part 102 apply, except any which are inapplicable to the specific type of lamp control gear covered by Part 210.

All numbers used in this International Standard are decimal numbers unless otherwise noted. Hexadecimal numbers are given in the format 0xVV, where VV is the value. Binary numbers are given in the format XXXXXXXXb or in the format XXXX XXXX, where X is 0 or 1; 'x' in binary numbers means 'don't care'.

DIGITAL ADDRESSABLE LIGHTING INTERFACE –
Part 210: Particular requirements for control gear –
Sequencer (device type 9)

1 Scope

This International Standard specifies a protocol and test procedures for the control by digital signals of electronic control gear working as automatic sequencers.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC 62386-101:2009, *Digital addressable lighting interface – Part 101: General requirements – System*

IEC 62386-102:2009, *Digital addressable lighting interface – Part 102: General requirements – Control gear*