SLOVENSKI STANDARD
SIST EN 60925:1995/A1:2001

01-marec-2001

D.C. supplied electronic ballasts for tubular fluorescent lamps - Performance requirements

D.C. supplied electronic ballasts for tubular fluorescent lamps - Performance requirements

Gleichstromversorgte elektronische Vorschaltgeräte für röhrenförmige Leuchtstofflampen - Anforderungen an die Arbeitsweise

Ballasts électroniques alimentés en courant continu pour lampes tubulaires à fluorescence - Prescriptions de performances

Ta slovenski standard je istoveten z: **EN 60925:1991/A1:1996**

ICS:

29.140.30	Fluorescenļ ne sijalke. Sijalke	Fluorescent lamps. Discharge lamps

SIST EN 60925:1995/A1:2001 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN 60925/A1

August 1996

UDC 621.327:621.316.8:620.1:614.8
ICS 29.140.30

Descriptors: Electrical equipment, fluorescent lamp, tubular lamp, reference ballast, marking, construction characteristic, performance characteristic, test

English version

D.C. supplied electronic ballasts for tubular fluorescent lamps Performance requirements (IEC 925:1989/A1:1996)

Ballasts électroniques alimentés en courant continu pour lampes tubulaires à fluorescence Prescriptions de performances (CEI 925:1989/A1:1996)

Gleichstromversorgte elektronische Vorschaltgeräte für röhrenförmige Leuchtstofflampen Anforderungen an die Arbeitsweise (IEC 925:1989/A1:1996)

This amendment A1 modifies the European Standard EN 60925:1991; it was approved by CENELEC on 1996-07-02. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment 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 amendment 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, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, 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 document 34C/329/FDIS, future amendment 1 to IEC 925:1989, prepared by SC 34C "Auxiliaries for lamps" des IEC TC 34 "Lamps and related equipment", was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 60925:1991 on 1996-07-02.

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) 1997-04-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 1997-04-01

Endorsement notice

The text of amendment 1:1996 to the International Standard IEC 925:1989 was approved by CENELEC as an amendment to the European Standard without any modification.

NORME INTERNATIONALE
INTERNATIONAL STANDARD

CEI
IEC
925

1989

AMENDEMENT 1
AMENDMENT 1

1996-04

Amendement 1

Ballasts électroniques alimentés en courant continu pour lampes tubulaires à fluorescence – Prescriptions de performances

Amendment 1

DC supplied electronic ballasts for tubular fluorescent lamps – Performance requirements

Bureau Central de la Commission Electrotechnique Internationale 3, rue de Varembé Genève, Suisse

IEC Commission Electrotechnique Internationale
International Electrotechnical Commission
Международная Электротехническая Комиссия

CODE PRIX
PRICE CODE C

Pour prix, voir catalogue en vigueur
For price, see current catalogue

FOREWORD

This amendment has been prepared by sub-committee 34C: Auxiliaries for lamps, of IEC technical committee 34: Lamps and related equipment.

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

FDIS	Report on voting
34C/329/FDIS	34C/376/RVD

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

Page 3

CONTENTS

Add the title of the new annex D as follows:

Annex D – A guide to quoting product life and failure rate

Page 36

Add, after annex C, the following new annex D:

Annex D
(informative)

A guide to quoting product life and failure rate

D.1 To allow the lifetime and failure rate of different electronic products to be meaningfully compared by a user it is recommended that the data defined in clauses D.2 and D.3 are provided by the manufacturer in a product catalogue.

D.2 The maximum surface temperature, symbol t_l (t-lifetime) of the electronic product or the maximum part temperature which affects product life, measured under normal operating conditions and at the nominal voltage or at the maximum of the rated voltage range, that allows a life of 50 000 h to be achieved.

NOTE – In some countries, like Japan, a life of 40 000 h should be applied.

D.3 The failure rate, if the electronic product is operated continuously at the maximum temperature t_l (defined in clause D.2). Failure rate should be quoted in units of failure in time (fit).

D.4 For the method used to obtain the information given in clauses D.2 and D.3 (mathematical analysis, reliability test etc.), the manufacturer should, on request, provide a comprehensive data file containing the details of the method.