

SLOVENSKI STANDARD

SIST EN 60238:2000/A2:2004

januar 2004

(istoveten EN 60238:1998/A2:2002)

Edison screw lampholders - Amendment A2 (IEC 60238:1998/A2:2002)

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SIST EN 60238:2000/A2:2004
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ICS 29.140.10

Referenčna številka
SIST EN 60238:2000/A2:2004(en)

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EUROPEAN STANDARD

EN 60238/A2

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 2002

ICS 29.140.10

English version

Edison screw lampholders
(IEC 60238:1998/A2:2002)

Douilles à vis Edison pour lampes
(CEI 60238:1998/A2:2002)

Lampenfassungen mit Edisongewinde
(IEC 60238:1998/A2:2002)

This amendment A2 modifies the European Standard EN 60238:1998; it was approved by CENELEC on 2002-11-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, 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 34B/1028/FDIS, future amendment 2 to IEC 60238:1998, prepared by SC 34B, Lamp caps and holders, of IEC TC 34, Lamps and related equipment, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A2 to EN 60238:1998 on 2002-11-01.

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) 2003-08-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2005-11-01

Endorsement notice

The text of amendment 2:2002 to the International Standard IEC 60238:1998 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
60238

1998

AMENDEMENT 2
AMENDMENT 2
2002-10

Amendement 2

Douilles à vis Edison pour lampes

Amendment 2

Edison screw lampholders

SIST EN 60238:2000/A2:2004

<https://standards.iteh.ai/catalog/standards/sist/78636617-bb48-4c8a-a684-18c9d5a00b76/sist-en-60238-2000-a2-2004>

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International Electrotechnical Commission
Международная Электротехническая Комиссия

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For price, see current catalogue*

FOREWORD

This amendment has been prepared by subcommittee 34B: Lamp caps and holders, of IEC technical committee 34: Lamps and related equipment.

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

FDIS	Report on voting
34B/1028/FDIS	34B/1036/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.

The committee has decided that the contents of the base publication and its amendments will remain unchanged until 2004. At this date, the publication will be

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

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2 Definitions <https://standards.iteh.ai/catalog/standards/sist/78636617-bb48-4c8a-a684-18c9d5a00b76/sist-en-60238-2000-a2-2004>

Add at the end of this clause, on page 15, the following new definition:

2.23

lampholder with retention device

lampholder with a device intended to prevent the lamp from becoming loose in the holder

NOTE Lamps may, for example, become loose due to changes in temperature or to vibrations.

Page 17

4 General conditions for tests

Add after the second dashed item of 4.3, the following new paragraph:

For testing lampholders with a retention device, the retention device shall be removed.

Add at the end of 4.3, before the note, the following new paragraph:

For testing lampholders with a retention device according to 12.14, three additional specimens are required with the retention device kept in place.

Page 45

12 Construction

Add the following new subclause:

12.14 Lampholders with a retention device shall be able to withstand a certain unscrewing torque.

A commercially available brass lamp cap complying with the relevant standard sheets shall be inserted into the sample lampholder with retention device, with a torque according to the type of lampholder as specified in table 14.

Table 14 – Insertion torque

Lamp cap	Torque Nm
E27	1,5 ± 0,1
E40	2,0 ± 0,1

The lamp is then unscrewed for about 30°. In this position, the removal torque is measured.

The removal torque shall not be less than the minimum value and shall not exceed the maximum value specified in table 15.

Table 15 – Minimum and maximum removal torques

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Lamp cap	Minimum torque Nm	Maximum torque Nm
E27	0,5	2,0
E40	1,0	4,0

NOTE When the lamp cap is damaged or is showing wear, a new cap should be used for the tests.

Page 57

14 Moisture resistance, insulation resistance and electric strength

Replace the third paragraph of 14.4 by the following (correction):

- (c) between the inner and outer surfaces of the lining of metal enclosures, if such accessible lining is required in accordance with 12.3 to give protection or if the distance between any live part and the metal of the enclosure is smaller than that required under item 4 of 17.1.

Page 85

20 Resistance to heat, fire and tracking

Replace, on page 87, the first paragraph of 20.2 by the following new paragraph:

20.2 External parts of insulating material (outer shell, screw shell, dome or backplate) providing protection against electric shock, and parts of insulating material (terminal/contact assembly) retaining live parts or ELV parts in position, shall be resistant to flame and ignition.

Delete the third paragraph of 20.2.

Replace, on page 89, the first paragraph of 20.3 by the following new paragraph:

20.3 External parts of insulating material, including those with a conductive exterior, providing protection against electric shock, and parts of insulating material retaining ELV parts in position, are subjected to the glow-wire test in accordance with IEC 60695-2-1, subject to the following details.

Replace the first paragraph of 20.4 by the following new paragraph:

20.4 Parts of insulating material retaining live parts or ELV lamp contacts in position, are subjected to the needle-flame test in accordance with IEC 60695-2-2, subject to the following details.

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Replace the first paragraph of 20.5 by the following new paragraph:

20.5 For drip-proof lampholders and for lampholders intended for use in refrigerated compartments of refrigerators and food freezers, insulating parts retaining live parts or ELV parts in position shall have adequate resistance to tracking.