

**SLOVENSKI**  
**STANDARD**

**SIST EN 60320-2-  
3:2000/A1:2006**

januar 2006

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**Spojni elementi za gospodinjske aparate in podobne namene – 2-3. del:  
Aparatne spojke s stopnjo zaščite, višjo od IPX0 (IEC 60320-2-3:1998/A1:2004)  
(istoveten EN 60320-2-3:1998/A1:2005)**

Appliances couplers for household and similar general purposes - Part 2-3:  
Appliance couplers with a degree of protection higher than IPX0 (IEC 60320-2-  
3:1998/A1:2004)

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ICS 29.120.30

Referenčna številka  
SIST EN 60320-2-3:2000/A1:2006(en)

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EUROPEAN STANDARD

**EN 60320-2-3/A1**

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2005

ICS 29.120.30

English version

**Appliance couplers for household and similar general purposes  
Part 2-3: Appliance coupler with a degree of protection higher than IPX0  
(IEC 60320-2-3:1998/A1:2004)**

Connecteurs pour usages domestiques  
et usages généraux analogues  
Partie 2-3: Connecteurs avec degré  
de protection supérieur à IPX0  
(CEI 60320-2-3:1998/A1:2004)

Gerätesteckvorrichtungen für den  
Hausgebrauch und ähnliche allgemeine  
Zwecke  
Teil 2-3: Gerätesteckvorrichtungen  
mit einem Schutzgrad höher als IPX0  
(IEC 60320-2-3:1998/A1:2004)

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This amendment A1 modifies the European Standard EN 60320-2-3:1998; it was approved by CENELEC on 2005-02-01. 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.

<https://standards.itech.ai/catalog/standards/sist/564bb193-9781-4852-89b2-7c597164387/sist-en-60320-2-3-2000-a1-2006>

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, 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 23G/243/FDIS, future amendment 1 to IEC 60320-2-3:1998, prepared by SC 23G, Appliance couplers, of IEC TC 23, Electrical accessories, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as amendment A1 to EN 60320-2-3:1998 on 2005-02-01.

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) 2005-11-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2008-02-01

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## Endorsement notice

The text of amendment 1:2004 to the International Standard IEC 60320-2-3:1998 was approved by CENELEC as an amendment to the European Standard without any modification.

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NORME  
INTERNATIONALE  
INTERNATIONAL  
STANDARD

CEI  
IEC

60320-2-3

1998

AMENDEMENT 1  
AMENDMENT 1  
2004-11

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Amendement 1

**Connecteurs pour usages domestiques  
et usages généraux analogues –**

**Partie 2-3:  
Connecteurs avec degré de protection  
supérieur à IPX0**

[SIST EN 60320-2-3:2000/A1:2006](https://standards.iteh.ai/catalog/standards/sist/564bb193-9781-4852-89b2-7c5971643116/sist-en-60320-2-3-2000-a1-2006)

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Amendment 1

**Appliance coupler for household and  
similar general purposes –**

**Part 2-3:  
Appliance coupler with a degree of  
protection higher than IPX0**

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

CODE PRIX  
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## FOREWORD

This amendment has been prepared by subcommittee 23G: Appliance couplers, of IEC technical committee 23: Electrical accessories.

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

FDIS	Report on voting
23G/243/FDIS	23G/249/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 this amendment and the base publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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

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### 1 Scope

*Replace the existing second paragraph with the following:*

They are intended for the connection of the circular supply cord to electrical appliances of class II for household, commercial and light industrial use.

Page 13

### 6 Standard ratings

**6.2** *Replace the existing text of the replacement with the following:*

The rated current is 6 A or 10 A.

## 9 Dimensions and compatibility

9.1 *Replace, on page 19, the existing text of the replacement with the following:*

Couplers shall comply with the dimensions shown in the appropriate standard sheets given in the table below, except as permitted by 9.6.

Rating	Connector Standard sheet	Inlet Standard sheet
6 A	C	D
10 A	A	B

Compliance is checked by measurement and where relevant by use of the appropriate gauge.

When the appropriate gauge of Figure 1 or Figure 1A is used, it shall be possible to insert the connector fully with a force not exceeding 60 N. To verify correct and full insertion the gauge insert shall be provided with an aperture.

When the appropriate primary and supplementary gauges of Figures 2 and 2A are used it shall be possible to insert the primary gauge fully into the appliance inlet with a force not exceeding 60 N. The supplementary gauges shall be pushed over the bar.

Planes shall be provided with the primary gauge to check pin and shroud lengths; successful engagement of the supplementary gauge checks the appliance inlet outer recess.

9.4 *Replace the existing text of this subclause with the following*

*Replacement:*

It shall not be possible to engage:

- connectors for class II equipment with appliance inlets for other equipment;
- 6 A connectors into 10 A inlets.

Compliance is checked by inspection, by manual test and by means of the appropriate gauge.

The test is carried out at an ambient temperature of  $35\text{ °C} \pm 2\text{ °C}$ , both the accessories and the gauges being at this temperature.

Page 21

## 12 Terminals and terminations

**12.1.3** *Replace the existing text of the replacement with the following:*

Rewirable connectors shall have terminals of size 1, which can accept conductors having a nominal cross-sectional area of 0,75 mm<sup>2</sup> and 1 mm<sup>2</sup>.

NOTE The terminal size number relates to the terminal dimensions in IEC 60320-1 standard sheets C26 and C27.

*Compliance is checked by inspection, by measurement and by fitting conductors having cross-sectional areas of 0,75 mm<sup>2</sup> and 1 mm<sup>2</sup>.*

**12.2.4** *Replace, on page 23, the existing text with the following:*

This subclause of IEC 60320-1 applies.

Page 27

## 14 Moisture resistance

**14.101**

*Replace existing item b) with the following two items:*

- b) for 6 A rewirable accessories with 0,75 mm<sup>2</sup> cord;  
 c) for 10 A rewirable accessories with 0,75 mm<sup>2</sup> and 1 mm<sup>2</sup> cord.

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## 15 Insulation resistance and electric strength

**15.2** *Replace the existing text of the note as follows:*

NOTE The maximum diameters of the cords are:

Type of cord	No. of cores and nominal cross-section mm <sup>2</sup>	Max diameter mm
60227 IEC 53	2 × 0,75	7,2
	2 × 1,0	7,5
60245 IEC 53	2 × 0,75	7,4
	2 × 1,0	8,0



Page 33

## 21 Temperature rise

Replace the existing text of the fourth paragraph as follows:

Rewirable connectors and plug connectors are fitted with thermoplastic-insulated cords with a minimum length of 500 mm and a nominal cross-sectional area as follows:

- for 6 A accessories – 0,75 mm<sup>2</sup>,
- for 10 A accessories – 1 mm<sup>2</sup>,

the terminal screws being tightened with two-thirds of the torque specified in the appropriate column of the table of 25.1. Non-rewirable connectors and plug connectors are tested with the cord as delivered having a minimum length of 500 mm.

Page 35

## 22 Cords and their connection

22.1 Replace the existing table with the following:

Type of coupler	Nominal cross section mm <sup>2</sup>
Plug connector	0,75 – 1, as per appliance manufacturer's instructions
6 A connector	0,75
10 A connector with 2 m or less of attached cord	0,75 or 1
10 A connector with more than 2 m of attached cord	1

Compliance is checked by inspection.

Page 39

## 23 Mechanical strength

23.2 Replace, on page 41, the existing text with the following:

This subclause of IEC 60320-1 applies, amended as follows:

The number of falls shall be 500 with the connector and plug connector connected together. Rewirable accessories shall be fitted with a cord type 60227 IEC 53 having a nominal cross-sectional area as follows:

- for 6 A accessories – 0,75 mm<sup>2</sup>;
- for 10 A accessories – 1 mm<sup>2</sup>.