



SLOVENSKI STANDARD

SIST EN 60320-3:2015

01-april-2015

Aparatne spojke za hišno rabo in podobne splošne namene - 3. del: Standardni merilni lističi (IEC 60320-3:2014)

Appliance couplers for household and similar general purposes - Part 3: Standard sheets and gauges (IEC 60320-3:2014)

Gerätesteckvorrichtungen für den Hausgebrauch und ähnliche allgemeine Zwecke - Teil 3: Normblätter und Lehren (IEC 60320-3:2014)

Connecteurs pour usages domestiques et usages généraux analogues - Partie 3: Feuilles de norme et calibres (CEI 60320-3:2014)

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Ta slovenski standard je istoveten z: EN 60320-3:2014

ICS:

29.120.30 Vtiči, vtičnice, spojke Plugs, socket-outlets,
couplers

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EUROPEAN STANDARD

EN 60320-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

December 2014

ICS 29.120.30

English Version

Appliance couplers for household and similar general purposes -
Part 3: Standard sheets and gauges
(IEC 60320-3:2014)

Connecteurs pour usages domestiques et usages généraux
analogues - Partie 3: Feuilles de norme et calibres
(CEI 60320-3:2014)

Gerätesteckvorrichtungen für den Hausgebrauch und
ähnliche allgemeine Zwecke - Teil 3: Normblätter und
Lehren
(IEC 60320-3:2014)

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

Foreword

The text of document 23G/336/FDIS, future edition 1 of IEC 60320-3, prepared by SC 23G "Appliance couplers", of IEC/TC 23 "Electrical accessories" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 60320-3:2014.

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) 2015-08-28
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-11-28

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

ISO 286-1:2010	NOTE	Harmonized as EN ISO 286-1:2010 (not modified).
ISO 1101:2004	NOTE	Harmonized as EN ISO 1101:2005 (not modified).

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60320-1	-	Appliance couplers for household and similar general purposes - Part 1: General requirements	EN 60320-1	-

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IEC 60320-3

Edition 1.0 2014-10

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Appliance couplers for household and similar general purposes –
Part 3: Standard sheets and gauges

Connecteurs pour usages domestiques et usages généraux analogues –
Partie 3: Feuilles de norme et calibres

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

APPLIANCE COUPLERS FOR HOUSEHOLD AND SIMILAR GENERAL PURPOSES –

Part 3: Standard sheets and gauges

FOREWORD

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International Standard IEC 60320-3 has been prepared by subcommittee 23G: Appliance couplers, of IEC technical committee 23: Electrical accessories.

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

FDIS	Report on voting
23G/336/FDIS	23G/338/RVD

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

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

A list of all the parts in the IEC 60320 series, under the general title *Appliance couplers for household and similar general purposes*, can be found on the IEC website.

This part is to be used in conjunction with IEC 60320-1.

The committee has decided that the contents of this publication will remain unchanged until the stability 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

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- withdrawn,
- replaced by a revised edition, or
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APPLIANCE COUPLERS FOR HOUSEHOLD AND SIMILAR GENERAL PURPOSES –

Part 3: Standard sheets and gauges

1 Scope

This part of the IEC 60320 sets the dimensions for appliance couplers for two poles and two poles with earth contact

- for the connection of electrical devices for household and similar onto the mains supply and
- for the interconnection of the electrical supply to appliance or equipment
- and dimensions for gauges.

2 Normative references

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

IEC 60320-1:—, *Appliance couplers for household and similar general purposes – Part 1: General requirements*

[SIST EN 60320-3:2015](https://standards.iteh.ai/catalog/standards/sist/2d6f7f61-ecdf-4f38-af65-b6c873e55948/sist-en-60320-3-2015)

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3 Terms and definitions

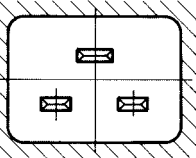
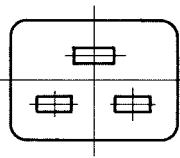
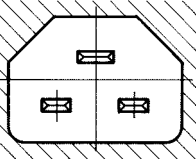
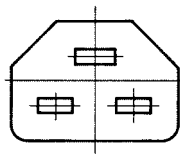
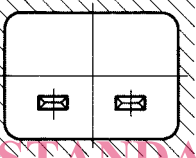
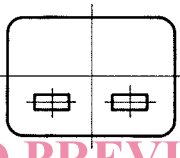
For the purposes of this document, the terms and definitions given in IEC 60320-1 apply.

4 General requirements

The general requirements for connecting appliance couplers to the electrical mains supply are detailed in Table 1.

Table 1 – Appliance couplers C1 up to C24 – Standard sheets

Rated current of appliance coupler A	Class of equipment	Maximum pin temperature of appliance inlet °C	APPLIANCE COUPLER		Type of cord		
			Number of standard sheet for: appliance inlet	connector	Rewirable construction allowed	Lightest type allowed	Minimum cross-section mm ²
0,2	II	70	 C2	 C1	No	60227 IEC 41	– ^a
2,5	I	70	 C6	 C5	No	60227 IEC 52	0,75
2,5	II	70	 C8	 C7	No	60227 IEC 52	0,75 ^b
6	II	70	 C10	 C9	No	60227 IEC 52	0,75
10	I	70	 C14	 C13	Yes	60227 IEC 53 or 60245 IEC 53	0,75 ^c
10	I	120	 C16	 C15	Yes	60245 IEC 53 or 60245 IEC 89	0,75 ^c
10	I	155	 C16A	 C15A	Yes	60245 IEC 53 or 60245 IEC 89	0,75 ^c
10	II	70	 C18	 C17	No	60227 IEC 53 or 60245 IEC 53	0,75 ^c

Rated current of appliance coupler A	Class of equipment	Maximum pin temperature of appliance inlet °C	APPLIANCE COUPLER		Type of cord		
			Number of standard sheet for:		Rewirable construction allowed	Lightest type allowed	Minimum cross-section mm ²
			appliance inlet	connector			
16	I	70			Yes	60227 IEC 53 or 60245 IEC 53	1 ^c
16	I	155			Yes	60245 IEC 53 or 60245 IEC 89	1 ^c
16	II	70			No	60227 IEC 53 or 60245 IEC 53	1 ^c

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^a Only for small hand-held appliances, in length not exceeding 2 m, if allowed by the relevant appliance standard.

^b 0,5 mm² is allowed for lengths not exceeding 2 m.

^c If the cord has a length exceeding 2 m or is of the retractable coiled (pre-coiled) type, nominal cross-sectional areas shall be
 – 1 mm² for 10 A connectors
 – 1,5 mm² for 16 A connectors.

Table 2 gives the general requirements for appliance couplers for the interconnection of the electrical supply to appliance or equipment.