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Appliance couplers for household and similar general purposes -- Part 2-2:  
Interconnection couplers for household and similar equipment (IEC 60320-2-  
2:1998)

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EUROPEAN STANDARD

**EN 60320-2-2**

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 1998

ICS 29.120.30

Supersedes EN 60320-2-2:1991

Descriptors: Low-voltage equipment, household appliance, similar general use, interconnection coupler, interconnection cord, rating, dimension, construction, test

English version

**Appliance couplers for household and similar general purposes  
Part 2-2: Interconnection couplers for household and similar equipment  
(IEC 60320-2-2:1998)**

Connecteurs pour usages domestiques  
et usages généraux analogues  
Partie 2-2: Connecteurs  
d'interconnexion pour matériels  
électriques domestiques et analogues  
(CEI 60320-2-2:1998)

Gerätesteckvorrichtungen für den  
Hausgebrauch und ähnliche  
allgemeine Zwecke  
Teil 2-2: Netzweiterverbindungen für  
Geräte für den Hausgebrauch und  
ähnliche Einrichtungen  
(IEC 60320-2-2:1998)

This European Standard was approved by CENELEC on 1998-10-01. 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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

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**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**

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Ref. No. EN 60320-2-2:1998 E

### Foreword

The text of document 23G/183/FDIS, future edition 2 of IEC 60320-2-2, 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 EN 60320-2-2 on 1998-10-01.

This European Standard supersedes EN 60320-2-2:1991.

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) 1999-07-01
- latest date by which the national standards conflicting with the EN have to be withdrawn (dow) 2001-07-01

This standard is to be used in conjunction with 60320-1:1996.

This part 2 supplements or modifies the corresponding clauses of EN 60320-1:1996.

Where a particular clause or subclause of part 1 is not mentioned in this part 2, that clause or subclause applies as far as is reasonable. Where this part 2 states "addition", "modification" or "replacement", the relevant text of part 1 is to be adapted accordingly.

Subclauses, tables and figures which are additional to those in part 1 are numbered starting from 101.

Annexes designated "normative" are part of the body of the standard.  
Annexes designated "informative" are given for information only.  
In this standard, annexes ZA and ZB are normative and annex ZC is informative.  
Annexes ZA, ZB and ZC have been added by CENELEC.

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### Endorsement notice

The text of the International Standard IEC 60320-2-2:1998 was approved by CENELEC as a European Standard without any modification.

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**Annex ZA (normative)**

**Normative references to international publications  
with their corresponding European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies (including amendments).

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 60083	1997	Plugs and socket-outlets for domestic and similar general use standardized in member countries of IEC	-	-
IEC 60227 (mod.)	series	Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V	HD 21	series
IEC 60245 (mod.)	series	Rubber insulated cables of rated voltages up to and including 450/750 V	HD 22	series
IEC 60320-1 (mod)	1994	Appliance couplers for household and similar general purposes Part 1: General requirements	EN 60320-1	1996
IEC 60536	1976	Classification of electrical and electronic equipment with regard to protection against electric shock	HD 366 S1	1977
IEC 60906	series	IEC System of plugs and socket-outlets for household and similar purposes	-	-
ISO 1101	<sup>1)</sup>	Geometrical product specifications (GPS) Geometrical tolerancing - Generalities, definitions, symbols, indication on drawings	-	-

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1) To be published.

**Annex ZB (normative)**

**Special national conditions**

**Special national condition:** National characteristic or practice that cannot be changed even over a long period, e.g. climatic conditions, electrical earthing conditions. If it affects harmonization, it forms part of the European Standard or Harmonization Document.

For the countries in which the relevant special national conditions apply these provisions are normative, for other countries they are informative.

Clause            Special national condition

9.3                **Denmark**

**Replace** the second and third paragraph by:

Appliance outlets shall not allow improper connections with plugs complying with section 107-2-D1 of the Danish Heavy Current Regulations.

Plug connectors shall not allow improper connections with portable socket-outlets complying with section 107-2-D1 of the Danish Heavy Current Regulations.

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**Annex ZC (informative)**

**IEC and CENELEC code designations for flexible cords**

This annex gives the CENELEC code designations for flexible cords corresponding to the IEC code designations referred to in subclauses 15.2, 22.3 and 22.4.

The code designations refer to HD 21 for polyvinyl chloride insulated cords and to HD 22 for rubber insulated cords.

Type of flexible cord	Code designations	
	IEC	CENELEC
<i>PVC insulated cords</i>		
Ordinary polyvinyl chloride sheathed flexible cord	60227 IEC 53	H05VV-F
<i>Rubber insulated cords</i>		
Ordinary tough rubber sheathed flexible cord	60245 IEC 53	H05RR-F

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CEI  
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60320-2-2

Deuxième édition  
Second edition  
1998-08

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

**Partie 2-2:**

**Connecteurs d'interconnexion pour matériels  
électriques domestiques et analogues**

(standards.iteh.ai)

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

**Part 2-2:**

**Interconnection couplers for household  
and similar equipment**

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Commission Electrotechnique Internationale  
International Electrotechnical Commission  
Международная Электротехническая Комиссия

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

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**APPLIANCE COUPLERS FOR HOUSEHOLD  
AND SIMILAR GENERAL PURPOSES –**

**Part 2-2: Interconnection couplers for household  
and similar equipment**

## FOREWORD

- 1) The IEC (International Electrotechnical Commission) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of the IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, the IEC publishes International Standards. Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. The IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
- 2) The formal decisions or agreements of the IEC on technical matters express, as nearly as possible, an international consensus of opinion on the relevant subjects since each technical committee has representation from all interested National Committees.
- 3) The documents produced have the form of recommendations for international use and are published in the form of standards, technical reports or guides and they are accepted by the National Committees in that sense.
- 4) In order to promote international unification, IEC National Committees undertake to apply IEC International Standards transparently to the maximum extent possible in their national and regional standards. Any divergence between the IEC Standard and the corresponding national or regional standard shall be clearly indicated in the latter.
- 5) The IEC provides no marking procedure to indicate its approval and cannot be rendered responsible for any equipment declared to be in conformity with one of its standards.
- 6) Attention is drawn to the possibility that some of the elements of this International Standard may be the subject of patent rights. The IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 60320-2-2 has been prepared by subcommittee 23G: Appliance couplers, of IEC technical committee 23: Electrical accessories.

This second edition cancels and replaces the first edition published in 1990, amendment 1 (1994) and amendment 2 (1997), and constitutes a minor revision.

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

FDIS	Report on voting
23G/183/FDIS	23G/187/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 standard is intended to be used in conjunction with IEC 60320-1: Appliance couplers for household and similar general purposes (1994).

The clauses of this standard supplement or modify the corresponding clauses of IEC 60320-1. Where there is no corresponding subclause in this standard, the subclause of IEC 60320-1 applies without modification as far as is reasonable. Where this standard states "addition", "modification" or "replacement", the relevant requirement, test specification or explanatory matter in IEC 60320-1 should be adapted accordingly.

In this particular standard, subclauses, figures or tables which are additional to those in Part 1 are numbered starting from 101.

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## INTRODUCTION

Where in IEC 60320-1 the words "appliance coupler", "connector" or "appliance inlet" appear, they should be deleted and replaced by "interconnection coupler", "plug connector" or "appliance outlet" respectively.

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