

**SEADME-PISTIKÜHENDUSED MAJAPIDAMIS- JA MUUKS  
TAOLISEKS ÜLDKASUTUSEKS. OSA 1: ÜLDNÖUDED**

Appliance couplers for household and similar general purposes - Part 1: General requirements

## ESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN IEC 60320-1:2021 sisaldab Euroopa standardi EN IEC 60320-1:2021 ingliskeelset teksti.	This Estonian standard EVS-EN IEC 60320-1:2021 consists of the English text of the European standard EN IEC 60320-1:2021.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
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ICS 29.120.30

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EUROPEAN STANDARD  
NORME EUROPÉENNE  
EUROPÄISCHE NORM

EN IEC 60320-1

October 2021

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Supersedes EN 60320-1:2015 and all of its amendments  
and corrigenda (if any)

English Version

Appliance couplers for household and similar general purposes -  
Part 1: General requirements  
(IEC 60320-1:2021)

Connecteurs pour usages domestiques et usages généraux  
analogues - Partie 1: Exigences générales  
(IEC 60320-1:2021)

Gerätesteckvorrichtungen für den Hausgebrauch und  
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Comité Européen de Normalisation Electrotechnique  
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## European foreword

The text of document 23G/464/FDIS, future edition 4 of IEC 60320-1, 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 IEC 60320-1:2021.

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) 2022-05-31
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-08-31

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For the relationship with EU Directive(s) / Regulation(s), see informative Annex ZZ, which is an integral part of this document.

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

IEC 60320-2-1	NOTE	Harmonized as EN IEC 60320-2-1
IEC 60320-2-3	NOTE	Harmonized as EN IEC 60320-2-3
IEC 60320-2-4	NOTE	Harmonized as EN IEC 60320-2-4
IEC 60364-4-44	NOTE	Harmonized as HD 60364-4-444
IEC 61140	NOTE	Harmonized as EN 61140
ISO 1456	NOTE	Harmonized as EN ISO 1456
ISO 2081	NOTE	Harmonized as EN ISO 2081

## Annex ZA (normative)

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

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where 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](http://www.cenelec.eu).

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60068-2-31	-	Environmental testing - Part 2-31: Tests - Test Ec: Rough handling shocks, primarily for equipment-type specimens	EN 60068-2-31	2008
IEC 60068-2-60	-	Environmental testing - Part 2-60: Tests - Test Ke: Flowing mixed gas corrosion test	EN 60068-2-60	2015
IEC 60068-2-75	-	Environmental testing - Part 2-75: Tests - Test Eh: Hammer tests	EN 60068-2-75	2014
IEC 60112	2020	Method for the determination of the proof and the comparative tracking indices of solid insulating materials	EN IEC 60112	2020
IEC 60227	series	Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V -	EN 50525	series
IEC 60245	series	Rubber insulated cables - Rated voltages up to and including 450/750 V	EN 50525	series
IEC 60320-3 +A1	2014 2018	Appliance couplers for household and similar general purposes - Part 3: Standard sheets and gauges	EN 60320-3 + A1	2014 2021
IEC 60417	-	Graphical symbols for use on equipment. Index, survey and compilation of the single sheets.	-	-
IEC 60664-1	2020	Insulation coordination for equipment within low-voltage systems - Part 1: Principles, requirements and tests	EN IEC 60664-1	2020
IEC 60695-2-11	2014	Fire hazard testing - Part 2-11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products	EN 60695-2-11	2014
IEC 60695-10-2	2014	Fire hazard testing - Part 10-2: Abnormal heat - Ball pressure test method	EN 60695-10-2	2014
IEC 60730-2-11	2019	Automatic electrical controls for household and similar use - Part 2-11: Particular requirements for energy regulators	EN IEC 60730-2-11	2020

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60999-1	1999	Connecting devices - Electrical copper conductors - Safety requirements for screw-type and screwless-type clamping units - Part 1: General requirements and particular requirements for clamping units for conductors from 0,2 mm <sup>2</sup> up to 35 mm <sup>2</sup> (included)	EN 60999-1	2000
IEC 61058	series	Switches for appliances	EN 61058	series

## Annex ZZ

(informative)

### **Relationship between this European standard and the safety objectives of Directive 2014/35/EU [2014 OJ L96] aimed to be covered**

This European standard has been prepared under a Commission's standardisation request relating to harmonised standards in the field of the Low Voltage Directive, M/511, to provide one voluntary means of conforming to safety objectives of Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits [2014 OJ L96].

Once this standard is cited in the Official Journal of the European Union under that Directive, compliance with the normative clauses of this standard given in Table ZZ.1 confers, within the limits of the scope of this standard, a presumption of conformity with the corresponding safety objectives of that Directive, and associated EFTA regulations.

**Table ZZ.1 — Correspondence between this European standard and Annex I of Directive 2014/35/EU [2014 OJ L96]**

<b>Safety objectives of Directive 2014/35/EU</b>	<b>Clause(s) / sub-clause(s) of this EN</b>	<b>Remarks / Notes</b>
(1)(a)	8	
(1)(b)	4, 9, 12, 20	
(1)(c)	See below detailed clauses	
(2)(a)	4, 8.6, 10, 11, 12, 13, 14, 15, 20, 21, 22, 23, 26, 27 9 in combination with EN 60320-3	
(2)(b)	17, 19, 20, 21, 25, 27	
(2)(c)	N.A.	
(2)(d)	10, 14, 15, 20, 22, 26	
(3)(a)	22, 23	
(3)(b)	14, 22, 24, 28	
(3)(c)	21, 22	

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# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

**Appliance couplers for household and similar general purposes –  
Part 1: General requirements**

**Connecteurs pour usages domestiques et usages généraux analogues –  
Partie 1: Exigences générales**





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# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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Part 1: General requirements**

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**APPLIANCE COUPLERS FOR HOUSEHOLD  
AND SIMILAR GENERAL PURPOSES –****Part 1: General requirements****FOREWORD**

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This fourth edition cancels and replaces the third edition published in 2015 and Amendment 1:2018. This edition constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) introduction of necessary tolerances throughout this document;
- b) the heating test from edition 2 is reintroduced in 18.2;
- c) temperature rise added for plug connectors in Clause 21;
- d) change for better readability in 23.3;
- e) updated lateral pull test in 23.6 for connectors/plug connectors with separate front parts;