

# SLOVENSKI STANDARD

## SIST EN IEC 60320-2-4:2021

01-oktober-2021

Nadomešča:

SIST EN 60320-2-4:2007

SIST EN 60320-2-4:2007/A1:2010

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**Spojni elementi za gospodinjske aparate in podobne namene - 2-4. del: Aparatne spojke, izdelane v odvisnosti od mase aparata (IEC 60320-2-4:2018)**

Appliance couplers for household and similar general purposes - Part 2-4: Couplers dependent on appliance weight for engagement (IEC 60320-2-4:2018)

**iTeh STANDARD PREVIEW**

Gerätesteckvorrichtungen für den Hausgebrauch und ähnliche allgemeine Zwecke - Teil 2-4: Gerätesteckvorrichtungen mit vom Gerätegewicht abhängiger Kupplung (IEC 60320-2-4:2018)

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Connecteurs pour usages domestiques et usages généraux analogues - Partie 2-4: Connecteurs à connexion par gravité (IEC 60320-2-4:2018)

**Ta slovenski standard je istoveten z: EN IEC 60320-2-4:2021**

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**ICS:**

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

**SIST EN IEC 60320-2-4:2021**      en,fr,de

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EUROPEAN STANDARD

EN IEC 60320-2-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2021

ICS 29.120.20

Supersedes EN 60320-2-4:2006 and all of its  
amendments and corrigenda (if any)

English Version

Appliance couplers for household and similar general purposes -  
Part 2-4: Couplers dependent on appliance weight for  
engagement  
(IEC 60320-2-4:2018)

Connecteurs pour usages domestiques et usages généraux  
analogues - Partie 2-4: Connecteurs à connexion par  
gravité  
(IEC 60320-2-4:2018)

Gerätesteckvorrichtungen für den Hausgebrauch und  
ähnliche allgemeine Zwecke - Teil 2-4:  
Gerätesteckvorrichtungen mit vom Gerätegewicht  
abhängiger Kupplung  
(IEC 60320-2-4:2018)

This European Standard was approved by CENELEC on 2018-08-03. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



European Committee for Electrotechnical Standardization  
Comité Européen de Normalisation Electrotechnique  
Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

**EN IEC 60320-2-4:2021 (E)****European foreword**

The text of document 23G/402/FDIS, future edition 2 of IEC 60320-2-4, prepared by IEC/TC 23G: "Appliance couplers" of IEC technical committee 23: "Electrical accessories" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 60320-2-4:2021.

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2021-09-19
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2024-03-19

This document supersedes EN 60320-2-4:2006 and all of its amendments and corrigenda (if any).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive 2014/35/EU.

**iTeh STANDARD PREVIEW**

For the relationship with EU Directive 2014/35/EU see informative Annex ZZ, which is an integral part of this document.

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**Endorsement notice**

The text of the International Standard IEC 60320-2-4:2018 was approved by CENELEC as a European Standard without any modification.

## 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/TR 60083	2015 <sup>1</sup>	Plugs and socket-outlets for domestic and similar general use standardized in member countries of IEC		
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	-	Method for the determination of the proof and the comparative tracking indices of solid insulating materials	EN 60112 + A1	2003 2009
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	series	Appliance couplers for household and similar general purposes -	EN 60320	series
IEC 60320-1	2015	Appliance couplers for household and similar general purposes - Part 1: General requirements	EN 60320-1	2015
IEC 60320-3	2014	Appliance couplers for household and similar general purposes - Part 3: Standard sheets and gauges	EN 60320-3	2014

<sup>1</sup> Dated as no equivalent European Standard exists.

## EN IEC 60320-2-4:2021 (E)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60335-1 (mod)	2010	Household and similar electrical appliances - Safety - Part 1: General requirements	EN 60335-1	2012
-	-		+ A11	2014
-	-		+ AC	2014
-	-		+ A13	2017
+ A1 (mod)	2013		+ A1	2018
+ A2	2016		+ A2	2018
IEC 60417	-	Graphical symbols for use on equipment. Index, survey and compilation of the single sheets.	-	-
IEC 60529	2013 <sup>1</sup>	Degrees of protection provided by enclosures (IP Code)	-	-
IEC 60664-1	2007	Insulation coordination for equipment within low-voltage systems - Part 1: Principles, requirements and tests	EN 60664-1	2007
IEC 60695-2-10	2000	Fire hazard testing -- Part 2-10: Glowing/hot-wire based test methods - Glow-wire apparatus and common test procedure	EN 60695-2-10	2001
IEC 60695-2-11	2000	Fire hazard testing -- Part 2-11: Glowing/hot-wire based test methods - Glow-wire flammability test method for end-products	EN 60695-2-11	2001
IEC 60695-2-12	2000	Fire hazard testing -- Part 2-12: Glowing/hot-wire based test methods - Glow-wire flammability test method for materials	EN 60695-2-12	2001
IEC 60695-2-13	2000	Fire hazard testing -- Part 2-13: Glowing/hot-wire based test methods - Glow-wire ignitability test method for materials	EN 60695-2-13	2001
IEC 60695-10-2	-	Fire hazard testing - Part 10-2: Abnormal heat - Ball pressure test method	EN 60695-10-2	2014
IEC 60695-11-5	2016	Fire hazard testing - Part 11-5: Test flames - Needle-flame test method - Apparatus, confirmatory test arrangement and guidance	EN 60695-11-5	2017
IEC 60695-11-10	-	Fire hazard testing - Part 11-10: Test flames - 50 W horizontal and vertical flame test methods	EN 60695-11-10	2013
IEC 60730	series	Automatic electrical controls	EN 60730	series
IEC 60730-2-11	-	Automatic electrical controls for household and similar use - Part 2-11: Particular requirements for energy regulators	EN 60730-2-11	2008

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60999-1	-	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 61032	-	Protection of persons and equipment by enclosures - Probes for verification	EN 61032	1998
IEC 61058	series	Switches for appliances	EN IEC 61058	series
ISO 9772	2012 <sup>1</sup>	Cellular plastics -- Determination of horizontal burning characteristics of small specimens subjected to a small flame	-	-

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## 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]**

Safety objectives of Directive 2014/35/EU	Clause(s) / sub-clause(s) of this EN	Remarks / Notes
(1)(a)	Clause 8	
(1)(b)	Clause 4, 9, 12, 13.5, 13.4	
(1)(c)	see below detailed clauses	
(2)(a)	Clause 4, 8.6, 9, 10, 11, 12, 13, 14, 15, 20, 21, 22, 23, 26 and 27	
(2)(b)	Clause 17, 19, 20, 21, 25 and 27	
(2)(c)	N. A.	
(2)(d)	Clause 15, 20, 22, 26	
(3)(a)	Clause 16, 22 and 23	
(3)(b)	Clause 14, 22, 24 and 28	
(3)(c)	Clause 21 and 22	

WARNING 1: Presumption of conformity stays valid only as long as a reference to this European standard is maintained in the list published in the Official Journal of the European Union. Users of this standard should consult frequently the latest list published in the Official Journal of the European Union.



WARNING 2: Other Union legislation may be applicable to the product(s) falling within the scope of this standard.

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# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

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**Appliance couplers for household and similar general purposes –  
Part 2-4: Couplers dependent on appliance weight for engagement**

**Connecteurs pour usages domestiques et usages généraux analogues –  
Partie 2-4: Connecteurs à connexion par gravité**

INTERNATIONAL  
ELECTROTECHNICAL  
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