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Apparatanslutningsdon för allmänbruk – Del 2-3: Apparatanslutningsdon med kapslingsklass högre än IPX0

*Appliance couplers for household and similar general purposes –
Part 2-3: Appliance couplers with a degree of protection higher than IPX0*

Som svensk standard gäller europastandarden EN IEC 60320-2-3:2021. Den svenska standarden innehåller den officiella engelska språkversionen av EN IEC 60320-2-3:2021.

Nationellt förord

Europastandarden EN IEC 60320-2-3:2021

består av:

- **europastandardens ikraftsättningsdokument**, utarbetat inom CENELEC
- **IEC 60320-2-3, Second edition, 2018 - Appliance couplers for household and similar general purposes - Part 2-3: Appliance couplers with a degree of protection higher than IPX0**

utarbetad inom International Electrotechnical Commission, IEC.

Standarden ska användas tillsammans med SS-EN 60320-1, utgåva 3, 2015.

Tidigare fastställd svensk standard SS-EN 60320-2-3, utgåva 1, 1999 och SS-EN 60320-2-3/A1, utgåva 1, 2005, gäller ej fr o m 2024-03-19.

Standarder underlättar utvecklingen och höjer elsäkerheten

Det finns många fördelar med att ha gemensamma tekniska regler för bl a mätning, säkerhet och provning och för utförande, skötsel och dokumentation av elprodukter och elanläggningar.

Genom att utforma sådana standarder blir säkerhetsfordringar tydliga och utvecklingskostnaderna rimliga samtidigt som marknadens acceptans för produkten eller tjänsten ökar.

Många standarder inom elområdet beskriver tekniska lösningar och metoder som åstadkommer den elsäkerhet som föreskrivs av svenska myndigheter och av EU.

SEK är Sveriges röst i standardiseringsarbetet inom elområdet

SEK Svensk Elstandard svarar för standardiseringen inom elområdet i Sverige och samordnar svensk medverkan i internationell och europeisk standardisering. SEK är en ideell organisation med frivilligt deltagande från svenska myndigheter, företag och organisationer som vill medverka till och påverka utformningen av tekniska regler inom elektrotekniken.

SEK samordnar svenska intressenters medverkan i SEKs tekniska kommittéer och stödjer svenska experters medverkan i internationella och europeiska projekt.

Stora delar av arbetet sker internationellt

Utformningen av standarder sker i allt väsentligt i internationellt och europeiskt samarbete. SEK är svensk nationalkommitté av International Electrotechnical Commission (IEC) och Comité Européen de Normalisation Electrotechnique (CENELEC).

Standardiseringsarbetet inom SEK är organiserat i referensgrupper bestående av ett antal tekniska kommittéer som speglar hur arbetet inom IEC och CENELEC är organiserat.

Arbetet i de tekniska kommittéerna är öppet för alla svenska organisationer, företag, institutioner, myndigheter och statliga verk. Den årliga avgiften för deltagandet och intäkter från försäljning finansierar SEKs standardiseringsverksamhet och medlemsavgift till IEC och CENELEC.

Var med och påverka!

Den som deltar i SEKs tekniska kommittéarbete har möjlighet att påverka framtida standarder och får tidig tillgång till information och dokumentation om utvecklingen inom sitt teknikområde. Arbetet och kontakterna med kollegor, kunder och konkurrenter kan gynnsamt påverka enskilda företags affärsutveckling och bidrar till deltagarnas egen kompetensutveckling.

Du som vill dra nytta av dessa möjligheter är välkommen att kontakta SEKs kansli för mer information.

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EUROPEAN STANDARD

EN IEC 60320-2-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

March 2021

ICS 29.120.30

Supersedes EN 60320-2-3:1998 and all of its
amendments and corrigenda (if any)

English Version

**Appliance couplers for household and similar general purposes -
Part 2-3: Appliance couplers with a degree of protection higher
than IPX0
(IEC 60320-2-3:2018)**

Connecteurs pour usages domestiques et usages généraux
analogues - Partie 2-3: Connecteurs avec degré de
protection supérieur à IPX0
(IEC 60320-2-3:2018)

Gerätesteckvorrichtungen für den Hausgebrauch und
ähnliche allgemeine Zwecke - Teil 2-3:
Gerätesteckvorrichtungen mit einem Schutzgrad höher als
IPX0
(IEC 60320-2-3:2018)

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.

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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

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Ref. No. EN IEC 60320-2-3:2021 E

SEK Svensk Elstandard

SS-EN IEC 60320-2-3, utg 2:2021

European foreword

The text of document 23G/401/FDIS, future edition 2 of IEC 60320-2-3, 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 IEC 60320-2-3:2021.

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) 2021-09-19
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-03-19

This document supersedes EN 60320-2-3:1998 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.

Endorsement notice

The text of the International Standard IEC 60320-2-3:2018 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.

Annex ZA of EN 60320-1:2015 applies with the following addition:

<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	and EN 60320-1	-
IEC 60320-3	-	Appliance couplers for household and similar general purposes - Part 3: Standard sheets and gauges	and EN 60320-3	-
IEC 60529	-	Degrees of protection provided by-enclosures (IP Code)		-

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**APPLIANCE COUPLERS FOR HOUSEHOLD
AND SIMILAR GENERAL PURPOSES –****Part 2-3: Appliance couplers with a degree
of protection higher than IPX0**

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of 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, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). 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. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 60320-2-3 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 1998 and Amendment 1:2004. This edition constitutes a technical revision.

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

- a) Aligned with IEC 60320-1:2015.
- b) The scope is extended to cover current ratings up to and including 16 A.
- c) The scope is extended to cover Class I appliance couplers.

- d) The scope is extended to cover appliance couplers for hot and very hot conditions.
- e) Added classification regarding the use of retaining devices.
- f) Added classification for indoor and outdoor use.

The text of this International Standard is based on the following documents:

FDIS	Report on voting
23G/401/FDIS	23G/403/RVD

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

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

This Part 2-3 is to be used in conjunction with IEC 60320-1: *Appliance couplers for household and similar general purposes – Part 1: General requirements*. It was established on the basis of the third edition of that standard (2015).

The clauses of this standard supplement or modify the corresponding clauses in IEC 60320-1. When a particular subclause or annex of Part 1 is not mentioned in this Part 2-3, the subclause or annex of IEC 60320-1 applies as far as is reasonable. Where this standard states “addition”, “amendment” or “replacement”, the relevant requirement, test specification or explanatory matter in IEC 60320-1 is to be adapted accordingly.

Subclauses which are additional to those in Part 1 are numbered starting from 101.

In this particular standard the following print types are used:

- requirements: in roman type;
- *test specifications: in italic type;*
- explanatory matter: in smaller roman type.

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

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under "<http://webstore.iec.ch>" in the data related to the specific document. At this date, the document will be

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

APPLIANCE COUPLERS FOR HOUSEHOLD AND SIMILAR GENERAL PURPOSES –

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

1 Scope

This clause of IEC 60320-1 applies with the following addition:

This document applies to appliance couplers with a degree of protection against ingress of water higher than IPX0.

2 Normative references

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.

This clause of IEC 60320-1 applies with the following additions:

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

IEC 60320-3, *Appliance couplers for household and similar general purposes – Part 3: Standard sheets and gauges*

IEC 60529, *Degrees of protection provided by enclosures (IP code)*