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REDLINE VERSION

colour inside

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

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APPLIANCE COUPLERS FOR HOUSEHOLD AND SIMILAR GENERAL PURPOSES –

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

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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.

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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 ~~amended as follows~~ with the following addition:

~~This standard applies to two-pole non-reversible appliance couplers for cold conditions for a.c. only, with a degree of protection against ingress of water higher than IPX0, with a rated voltage not exceeding 250 V and a rated current not exceeding 10 A for a 50 Hz or 60 Hz supply.~~

~~They are intended for the connection of the supply cord to portable electrical appliances of class II for household, commercial and light industrial use.~~

~~NOTE 1 This note of IEC 60320-1 applies.~~

~~NOTE 2 This note of IEC 60320-1 applies.~~

~~NOTE 3 This note of IEC 60320-1 applies.~~

~~NOTE 4 This note of IEC 60320-1 does not apply.~~

~~NOTE 5 This note of IEC 60320-1 applies.~~

~~*Additional notes:*~~

~~NOTE 6 IEC 60529 specifies the degree of protection against the ingress of water (IP code).~~

~~NOTE 7 IEC 60536 specifies the class of equipment.~~

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~~:1994~~, *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~~:1989~~, *Degrees of protection provided by enclosures (IP code)*

IEC 60320-2-3

Edition 2.0 2018-06

INTERNATIONAL STANDARD

NORME INTERNATIONALE

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

Connecteurs pour usages domestiques et usages généraux analogues – Partie 2-3: Connecteurs avec degré de protection supérieur à IPX0



IEC 60320-2-3:2018-06(en-fr)

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

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d) The scope is extended to cover appliance couplers for hot and very hot conditions.

e) Added classification regarding the use of retaining devices.

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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)*

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COMMISSION ÉLECTROTECHNIQUE INTERNATIONALE

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CONNECTEURS POUR USAGES DOMESTIQUES ET USAGES GÉNÉRAUX ANALOGUES –

Partie 2-3: Connecteurs avec degré de protection supérieur à IPX0

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La Norme internationale IEC 60320-2-3 a été établie par le sous-comité 23G: Connecteurs, du comité d'études 23 de l'IEC: Petit appareillage.

Cette deuxième édition annule et remplace la première édition parue en 1998 et l'Amendement 1:2004. Cette édition constitue une révision technique.

Cette édition inclut les modifications techniques majeures suivantes par rapport à l'édition précédente:

a) Alignement sur l'IEC 60320-1:2015.

b) Le domaine d'application est étendu afin de couvrir les courants assignés jusqu'à et y compris 16 A.

c) Le domaine d'application est étendu afin de couvrir les connecteurs de Classe I.

d) Le domaine d'application est étendu afin de couvrir les connecteurs pour conditions chaudes et très chaudes.

e) Ajout d'une classification relative à l'utilisation de dispositifs de retenue.

f) Ajout d'une classification relative à l'utilisation à l'intérieur et à l'extérieur.

Le texte de cette Norme internationale est issu des documents suivants:

FDIS	Rapport de vote
23G/401/FDIS	23G/403/RVD

Le rapport de vote indiqué dans le tableau ci-dessus donne toute information sur le vote ayant abouti à l'approbation de cette Norme internationale.

Ce document a été rédigé selon les Directives ISO/IEC, Partie 2.

La présente Partie 2-3 doit être utilisée conjointement avec l'IEC 60320-1: *Connecteurs pour usages domestiques et usages généraux analogues – Partie 1: Exigences générales*. Elle a été établie sur la base de la troisième édition de cette norme (2015).

Les articles de la présente norme complètent ou modifient les articles correspondants de l'IEC 60320-1. Lorsqu'un paragraphe particulier ou une annexe particulière de la Partie 1 n'est pas mentionné(e) dans la présente Partie 2-3, le paragraphe ou l'annexe de l'IEC 60320-1 s'applique dans la mesure du raisonnable. Lorsque la présente norme spécifie «addition», «modification» ou «remplacement», il convient d'adapter en conséquence l'exigence, la modalité d'essai ou le commentaire correspondant(e) de l'IEC 60320-1.

Les paragraphes complémentaires à ceux de la Partie 1 sont numérotés à partir de 101.

Dans la présente norme particulière, les caractères d'imprimerie suivants sont utilisés:

- exigences: caractères romains;
- *modalités d'essais*: *caractères italiques;*
- notes: petits caractères romains.

Une liste de toutes les parties de la série IEC 60320, publiées sous le titre général C*onnecteurs pour usages domestiques et usages généraux analogues*, peut être consultée sur le site web de l'IEC.

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CONNECTEURS POUR USAGES DOMESTIQUES ET USAGES GÉNÉRAUX ANALOGUES –

Partie 2-3: Connecteurs avec degré de protection supérieur à IPX0

1 Domaine d'application

L'article correspondant de l'IEC 60320-1 s'applique avec l'ajout suivant:

Le présent document est applicable aux connecteurs avec un degré de protection contre la pénétration de l'eau supérieur à IPX0.

2 Références normatives

Les documents suivants cités dans le texte constituent, pour tout ou partie de leur contenu, des exigences du présent document. Pour les références datées, seule l'édition citée s'applique. Pour les références non datées, la dernière édition du document de référence s'applique (y compris les éventuels amendements).

L'article correspondant de l'IEC 60320-1 s'applique avec les ajouts suivants:

IEC 60320-1, *Connecteurs pour usages domestiques et usages généraux analogues – Partie 1: Exigences générales*

IEC 60320-3, *Connecteurs pour usages domestiques et usages généraux analogues – Partie 3: Feuilles de norme et calibres*

IEC 60529, *Degrés de protection procurés par les enveloppes (Code IP)*