



NSAI
Standards

Irish Standard
I.S. EN IEC 60320-2-1:2021

Appliance couplers for household and similar general purposes - Part 2-1: Sewing machine couplers

I.S. EN IEC 60320-2-1:2021

Incorporating amendments/corrigenda/National Annexes issued since publication:

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National Foreword

I.S. EN IEC 60320-2-1:2021 is the adopted Irish version of the European Document EN IEC 60320-2-1:2021, Appliance couplers for household and similar general purposes - Part 2-1: Sewing machine couplers

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 60320-2-1

March 2021

ICS 29.120.30

Supersedes EN 60320-2-1:2000 and all of its
amendments and corrigenda (if any)

English Version

**Appliance couplers for household and similar general purposes -
Part 2-1: Sewing machine couplers
(IEC 60320-2-1:2018)**

Connecteurs pour usages domestiques et usages généraux
analogues - Partie 2-1: Connecteurs pour machines à
coudre
(IEC 60320-2-1:2018)

Gerätesteckvorrichtungen für den Hausgebrauch und
ähnliche allgemeine Zwecke - Teil 2-1: Nähmaschinen-
Steckvorrichtungen
(IEC 60320-2-1:2018)

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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

EN IEC 60230-2-1:2021 (E)

European foreword

The text of document 23G/394/FDIS, future edition 3 of IEC 60320-2-1, prepared by IEC/SC 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 60320-2-1:2021.

The following dates are fixed:

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withdrawn

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The text of the International Standard IEC 60320-2-1:2018 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 60335-2-28 NOTE Harmonized as EN 60335-2-28.

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	EN 60320-1	-

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IEC 60320-2-1

Edition 3.0 2018-02

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Appliance couplers for household and similar general purposes –
Part 2-1: Sewing machine couplers**

**Connecteurs pour usages domestiques et usages généraux analogues –
Partie 2-1: Connecteurs pour machines à coudre**



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IEC 60320-2-1

Edition 3.0 2018-02

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Appliance couplers for household and similar general purposes –
Part 2-1: Sewing machine couplers**

**Connecteurs pour usages domestiques et usages généraux analogues –
Partie 2-1: Connecteurs pour machines à coudre**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

APPLIANCE COUPLERS FOR HOUSEHOLD AND SIMILAR GENERAL PURPOSES –

Part 2-1: Sewing machine couplers

FOREWORD

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International Standard IEC 60320-2-1 has been prepared by subcommittee 23G: Appliance couplers, of IEC technical committee 23: Electrical accessories.

This third edition cancels and replaces the second edition published in 2000. 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.

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

FDIS	Report on voting
23G/394/FDIS	23G/398/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 2-1 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 of IEC 60320-1. When a particular subclause or annex of Part 1 is not mentioned in this Part 2-1, the subclause or annex 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.

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.

INTRODUCTION

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

APPLIANCE COUPLERS FOR HOUSEHOLD AND SIMILAR GENERAL PURPOSES –

Part 2-1: Sewing machine couplers

1 Scope

This clause of IEC 60320-1 is replaced as follows:

This part of IEC 60320 is applicable to special purpose appliance couplers for household sewing machines. These sewing machine couplers are for alternating current only and have a rated voltage not exceeding 250 V and a rated current not exceeding 2,5 A.

The sewing machine couplers can include two or more contacts depending on the control components or circuitry required to operate the sewing machine and can be with or without earthing contact.

2 Normative references

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

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

3 Terms and definitions

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

3.101

sewing machine coupler

appliance coupler used exclusively on sewing machines

Note 1 to entry:

It consists of two parts:

- the sewing machine connector, which is the part integral with, or intended to be attached to, the cord or cords;
- the sewing machine inlet, which is the part integrated in or incorporated in the sewing machine or its control or intended to be fixed to it.

4 General requirements

This clause of IEC 60320-1 applies.

5 General notes on tests

This clause of IEC 60320-1 applies.

6 Standard ratings

This clause of IEC 60320-1 applies amended as follows:

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