

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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CONTENTS

FOREWORD.....	3
INTRODUCTION.....	5
1 Scope.....	6
2 Normative references	6
3 Terms and definitions	6
4 General requirements	6
5 General notes on tests	6
6 Standard ratings	6
7 Classification of appliance couplers.....	7
8 Marking	7
9 Dimensions and compatibility	7
10 Protection against electric shock	8
11 Provision for earthing	8
12 Terminals and terminations.....	8
13 Construction.....	8
14 Moisture resistance	8
15 Insulation resistance and electric strength	8
16 Forces necessary to insert and to withdraw the cone for appliance outlet.....	9
17 Operation of contacts	9
18 Resistance to heating of appliance couplers for hot conditions or very hot conditions.....	9
19 Breaking capacity	9
20 Normal operation	9
21 Temperature rise	9
22 Cords and their connection	9
23 Mechanical strength	10
24 Resistance to heat and ageing.....	10
25 Screws, current-carrying parts and connections.....	10
26 Clearances, creepage distances and solid insulation	10
27 Resistance of insulating material to heat, fire and tracking	10
28 Resistance to rusting.....	11
29 Electromagnetic compatibility (EMC) requirements	11
Annex A (normative) Proof tracking test.....	12
Annex B (normative) Routine tests for factory wired appliance couplers related to safety.....	13
Annex C (normative) Test schedule	14
Annex D (informative) Comparison of typical conductor cross-sectional areas	15
Bibliography.....	16

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.

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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: