

INTERNATIONAL STANDARD

NORME INTERNATIONALE

AMENDMENT 1
AMENDEMENT 1

**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**





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FOREWORD

This amendment has been prepared by subcommittee 23G: Appliance couplers, of IEC technical committee 23: Electrical accessories.

The text of this amendment is based on the following documents:

CDV	Report on voting
23G/290/CDV	23G/291/RVC

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

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the maintenance result date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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- withdrawn,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

1 Scope

Replace the existing NOTE 2 as follows:

NOTE 2 Appliance couplers dependent on appliance weight for engagement may be subject to spillage of liquid in normal use. They are classified according to whether protection against liquid spillage is provided, when installed in accordance with the manufacturer's installation instructions.

2 Normative references

Add the following new references to the list:

IEC/TR 60083, *Plugs and socket-outlets for domestic and similar general use standardized in member countries of IEC*

IEC 60112, *Method for the determination of the proof and the comparative tracking indices of solid insulating materials*

IEC 60730 (all parts), *Automatic electrical controls for household and similar use*

IEC 61058-1, *Switches for appliances – Part 1: General requirements*

Modify the following references:

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

IEC 60335-1, *Household and similar electrical appliances – Safety – Part 1: General requirements*

IEC 60664-1, *Insulation coordination for equipment within low voltage systems – Part 1: Principles, requirements and tests*

5 General notes on tests

5.2

Replace the third paragraph as follows:

For those clauses requiring the tests to be carried out on weight-engaged connectors and weight-engaged appliance inlets installed in accordance with the manufacturer's instructions, representative appliances or appliance parts shall be supplied.

5.5

Replace the second dashed item in the second paragraph by the following:

- set 2 of three specimens is subjected to the tests of Clauses 14, 15, 16, 19, 20, 21 and 25.101 (including the repetition of Clause 16).

Replace the third paragraph as follows:

For weight-engaged connectors which are declared as providing protection against liquid spillage, three additional specimens are required, which are subjected to the test of 14.2.

7 Classification

7.1.1

Replace the existing text with the following new text:

According to whether or not protection against liquid spillage is provided when the connector is installed according to the manufacturer's instructions.

7.1.5

Add the following text to the note:

A cycle is two strokes as defined in Clause 19; that is one connection followed by one disconnection.

Add the following new Subclauses 7.1.6 to 7.1.6.7:

7.1.6 The following information is recorded to cover required tests.

7.1.6.1 According to the specified minimum cross-sectional area of cord.

7.1.6.2 According to the maximum allowable terminal temperature rise.

7.1.6.3 According to the maximum allowable termination temperature rise.

7.1.6.4 According to the maximum allowable contact temperature rise.

7.1.6.5 According to the minimum appliance weight required for correct engagement.