
Stikala za aparate – 2-1. del: Posebne zahteve za vrvična stikala (IEC 61058-2-1:1992)

Switches for appliances -- Part 2-1: Particular requirements for cord switches (IEC 61058-2-1:1992)

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ENGLISH VERSION

Switches for appliances
Part 2-1: Particular requirements for cord
switches
(IEC 1058-2-1:1992)

Interrupteurs pour appareils
Partie 2-1: Règles particulières
pour les interrupteurs pour
câbles souples
(CEI 1058-2-1:1992)

Geräteschalter
Teil 2-1: Besondere Bestimmungen
für Schnurschalter
(IEC 1058-2-1:1992)

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This European Standard was approved by CENELEC on 1991-12-10. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Central Secretariat: rue de Stassart 35, B-1050 Brussels

FOREWORD

The text of document 23J(CO)14, as prepared by Sub-Committee 23J: Switches for appliances, of IEC Technical Committee N° 23: Electrical accessories, was submitted to the IEC-CENELEC parallel vote in April 1991.

The reference document was approved by CENELEC as EN 61058-2-1 on 10 December 1991.

The following dates were fixed:

- latest date of publication of
an identical national standard (dop) 1993-07-01
- latest date of withdrawal of
conflicting national standards (dow) 1995-07-01

For products which have complied with the relevant national standard before 1995-07-01, as shown by the manufacturer or by a certification body, this previous standard may continue to apply for production until 2000-07-01.

This European Standard shall be used in conjunction with EN 61058-1:1992, Switches for appliances - Part 1: General requirements. Where this standard states "addition" or "replacement", the relevant text of Part 1 is to be adapted accordingly. (standards.iteh.ai)

Clauses, figures or tables which are additional to those in Part 1 are numbered starting from 101. SIST EN 61058-2-1:1999

Annexes designated "normative" are part of the body of the standard. In this standard, annex ZA is normative. <https://standards.iteh.ai/catalog/standards/sist/53bded3-1661-463b-b690-e0685a15a758/sist-en-61058-2-1-1999>

ENDORSEMENT NOTICE

The text of the International Standard IEC 1058-2-1:1992 was approved by CENELEC as a European Standard without any modification.

ANNEX ZA (normative)

OTHER INTERNATIONAL PUBLICATIONS QUOTED IN THIS STANDARD
WITH THE REFERENCES OF THE RELEVANT EUROPEAN PUBLICATIONS

When the international publication has been modified by CENELEC common modifications, indicated by (mod), the relevant EN/HD applies.

IEC Publication -----	Date -----	Title -----	EN/HD -----	Date -----
Add:				
227 (mod)	series	Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V	HD 21	series
245 (mod)	series	Rubber insulated cables of rated voltages up to and including 450/750 V	HD 22	series
598-1 (mod)	1986	Luminaires - Part 1: General requirements and tests	EN 60598-1	1989

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NORME
INTERNATIONALE
INTERNATIONAL
STANDARD

CEI
IEC
1058-2-1

Première édition
First edition
1992-06

Interrupteurs pour appareils

Partie 2-1:

Règles particulières pour les interrupteurs
pour câbles souples

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Switches for appliances

Part 2-1:

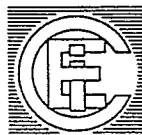
Particular requirements for cord switches

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SWITCHES FOR APPLIANCES

Part 2-1: Particular requirements for cord switches

FOREWORD

- 1) The formal decisions or agreements of the IEC on technical matters, prepared by Technical Committees on which all the National Committees having a special interest therein are represented, express, as nearly as possible, an international consensus of opinion on the subjects dealt with.
- 2) They have the form of recommendations for international use and they are accepted by the National Committees in that sense.
- 3) In order to promote international unification, the IEC expresses the wish that all National Committees should adopt the text of the IEC recommendation for their national rules in so far as national conditions will permit. Any divergence between the IEC recommendation and the corresponding national rules should, as far as possible, be clearly indicated in the latter.

This part of International Standard IEC 1058 has been prepared by Sub-Committee 23J: Switches for appliances, of IEC Technical Committee No. 23: Electrical accessories.

This standard shall be used in conjunction with IEC 1058-1 (first edition, 1990): Part 1: General requirements. It lists the changes necessary to convert that standard into the IEC standard: Particular requirements for cord switches.

This part constitutes the first edition of IEC 1058-2-1.

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

Six Months' Rule	Report on Voting
23J(CO)14	23J(CO)16

Full information on the voting for the approval of this part can be found in the Voting Report indicated in the above table.

In this standard, the following print types are used:

- a) – requirements proper: in roman type;
 - test specifications: in italic type;
 - explanatory matter: smaller roman type.

b) Clauses, figures or tables which are additional to those in part 1 are numbered starting from 101.

SWITCHES FOR APPLIANCES

Part 2-1: Particular requirements for cord switches

1 Scope

This clause of part 1 is applicable except as follows:

1.1 Replacement:

1.1 This international Standard IEC 1058-2-1 applies to cord switches for appliances actuated by hand, by foot or by other human activity for use in, on or with appliances and other equipment for household and similar purposes, with a rated voltage not exceeding 250 V and a rated current not exceeding 16 A.

1.2 Replacement:

This standard applies to switches intended to be connected to a cord.

NOTES

- 1 For switches used in tropical climates, additional requirements may be necessary.
- 2 Attention is drawn to the fact that the standards for appliances and equipment may contain additional or alternative requirements for switches.
- 3 Throughout this standard the word *appliance* means *appliance or equipment*.
- 4 Part 1 is applicable when testing cord switches. When other types of cord switches, e.g. electronic cord switches are tested, this part 2-1 is applicable together with the relevant part 2.
- 5 Throughout this standard the word "switch" means "cord switch" unless otherwise stated.

1.3 This subclause does not apply.

2 Normative references

This clause of part 1 is applicable except as follows:

2.1 Addition:

227: Polyvinyl chloride insulated cables of related voltages up to and including 450/750 V

245: Rubber insulated cables of rated voltages up to and including 450/750 V

598-1: (1986), *Luminaires. Part 1: General requirements and tests*

3 Definitions

This clause of part 1 is applicable except as follows:

3.3 Definitions relating to the different types of switches

Additional definition:

3.3.101 cord switch: separately enclosed switch intended to be connected to a supply and/or to an appliance or equipment by means of cord(s).

NOTE - The cord(s) may enter the switch enclosure in any direction and may be in line with the enclosure.

3.5 Definitions relating to connections to the switch

Additional definitions:

3.5.101 rewirable switch: switch having terminals or a method of attachment of the cord such, that the external conductors can be replaced.

3.5.102 non-rewirable switch: switch being so constructed that it forms a complete unit with the cord after connection and assembly. The construction of the switch is such that without making the switch permanently inoperative:

- the cord cannot be separated from the switch;
- the switch cannot be opened by hand or by using a tool.

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4 General requirement

This clause of part 1 is applicable.

5 General notes on tests

This clause of part 1 is applicable except as follows:

Additional subclause:

5.101 For non-rewirable switches, special test specimens may be provided for the tests according to clauses 16 and 17, and for both 12.3.101 and 12.3.102 a further three test specimens each shall be used.