

STN	Spínače na spotrebiče Časť 2-4: Osobitné požiadavky na samostatne pripevnené spínače	STN EN IEC 61058-2-4 35 4107
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Switches for appliances - Part 2-4: Particular requirements for independently mounted switches

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 04/21

Obsahuje: EN IEC 61058-2-4:2021, IEC 61058-2-4:2018

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EUROPEAN STANDARD

EN IEC 61058-2-4

NORME EUROPÉENNE

EUROPÄISCHE NORM

February 2021

ICS 29.120.40

Supersedes EN 61058-2-4:2005 and all of its
amendments and corrigenda (if any)

English Version

**Switches for appliances - Part 2-4: Particular requirements for
independently mounted switches
(IEC 61058-2-4:2018)**

Interrupteurs pour appareils - Partie 2-4: Exigences
particulières pour les interrupteurs à montage indépendant
(IEC 61058-2-4:2018)

Geräteschalter - Teil 2-4: Besondere Anforderungen an
unabhängig montierte Schalter
(IEC 61058-2-4:2018)

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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 61058-2-4:2021 (E)**European foreword**

The text of document 23J/433/CDV, future edition 2 of IEC 61058-2-4, prepared by SC 23J "Switches for appliances" of IEC/TC 23 "Electrical accessories" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61058-2-4:2021.

The following dates are fixed:

- latest date by which the document has to be implemented at national (dop) 2021-08-05 level by publication of an identical national standard or by endorsement
- latest date by which the national standards conflicting with the (dow) 2024-02-05 document have to be withdrawn

This document supersedes EN 61058-2-4:2005 and all of its amendments and corrigenda (if any).

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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.

The Annex ZA of EN IEC 61058-1:2018 applies with the following addition:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60227-5	-	Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V - Part 5: Flexible cables (cords)	-	-
IEC 60245-4	-	Rubber insulated cables - Rated voltages up to and including 450/750 V - Part 4: Cords and flexible cables	-	-
IEC 60669-1 (mod)	2017	Switches for household and similar fixed-electrical installations - Part 1: General requirements	EN 60669-1	2018
-	-		+AC	2018
IEC 61058-1	2016	Switches for appliances - Part 1: General requirements	EN IEC 61058-1	2018



IEC 61058-2-4

Edition 2.0 2018-10

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Switches for appliances –
Part 2-4: Particular requirements for independently mounted switches**

**Interrupteurs pour appareils –
Partie 2-4: Exigences particulières pour les interrupteurs à montage indépendant**





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IEC Central Office
 3, rue de Varembe
 CH-1211 Geneva 20
 Switzerland

Tel.: +41 22 919 02 11
info@iec.ch
www.iec.ch

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IEC 61058-2-4

Edition 2.0 2018-10

INTERNATIONAL STANDARD

NORME INTERNATIONALE

**Switches for appliances –
Part 2-4: Particular requirements for independently mounted switches**

**Interrupteurs pour appareils –
Partie 2-4: Exigences particulières pour les interrupteurs à montage indépendant**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SWITCHES FOR APPLIANCES –**Part 2-4: Particular requirements for
independently mounted switches**

FOREWORD

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International Standard IEC 61058-2-4 has been prepared by subcommittee 23J: Switches for appliances, of IEC technical committee 23: Electrical accessories.

This second edition cancels and replaces the first edition published in 1995 and constitutes a technical revision.

This edition includes the following significant technical changes with respect to the previous edition:

- a) overall format modified to support the revised structure of the series;
- b) Annexes K and M have been included as an integral part of this document;
- c) Annex L has been included for information purposes only.

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

CDV	Report on voting
23J/433/CDV	23J/441/RVC

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 document is to be used in conjunction with IEC 61058-1:2016.

This document supplements or modifies the corresponding clauses in IEC 61058-1, so as to convert that publication into the IEC standard: *Particular requirements for independently mounted switches*.

When a particular subclause of IEC 61058-1 is not mentioned in this document, that subclause applies as far as reasonable. Where this document states "addition", "modification" or "replacement", the relevant text of IEC 61058-1 is to be adapted accordingly.

In this document:

- 1) the following print types are used:
 - requirements proper: in roman type;
 - *test specifications: in italic type;*
 - explanatory matter: in smaller roman type.
- 2) subclauses, figures or tables which are additional to those in IEC 61058-1 are numbered starting from 101.

A list of all the parts in the IEC 61058 series, under the general title *Switches for appliances*, 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.

SWITCHES FOR APPLIANCES –

Part 2-4: Particular requirements for independently mounted switches

1 Scope

Clause 1 of IEC 61058-1:2016 is applicable, except as follows.

Addition:

This document applies to independently mounted switches for appliances (mechanical or electronic) actuated by hand, by foot or by other human activity, to operate or control electrical appliances and other equipment for household or similar purposes with a rated voltage not exceeding 480 V and a rated current not exceeding 63 A.

These switches are intended to be operated by a person, via an actuating member or by actuating a sensing unit. The actuating member or sensing unit can be integral with or arranged separately, either physically or electrically, from the switch and involve transmission of a signal, for example, electrical, optical, acoustic or thermal, between the actuating member or sensing unit and the switch.

Switches which incorporate additional control functions governed by the switch function are within the scope of this document.

This document also covers the indirect actuation of the switch when the operation of the actuating member or sensing unit is provided by a remote control or by a part of an appliance or equipment, such as a door.

NOTE 1 Electronic switches can be combined with mechanical switches giving full disconnection or micro-disconnection.

NOTE 2 Electronic switches without a mechanical switch in the supply circuit provide only electronic disconnection. Therefore, the circuit on the load side is always considered to be live.

NOTE 3 For switches used in tropical climates, additional requirements can apply.

NOTE 4 Attention is drawn to the fact that the standards for appliances can contain additional or alternative requirements for switches.

NOTE 5 Throughout this document, the word "appliance" means "appliance or equipment".

2 Normative references

Clause 2 of IEC 61058-1:2016 is applicable except as follows.

Addition:

IEC 60227-5, *Polyvinyl chloride insulated cables of rated voltages up to and including 450/750 V – Part 5: Flexible cables (cords)*

IEC 60245-4, *Rubber insulated cables – Rated voltages up to and including 450/750 V – Part 4: Cords and flexible cables*

IEC 60669-1:2017, *Switches for household and similar fixed-electrical installations – Part 1: General requirements*

IEC 61058-1:2016, *Switches for appliances – Part 1: General requirements*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN