

SLOVENSKI STANDARD

SIST EN IEC 61058-2-6:2019

01-april-2019

Nadomešča:
SIST EN 61058-2-6:2017

Stikala za aparate - 2-6. del: Posebne zahteve za stikala, ki se uporabljajo v električnih ročnih orodjih na motorni pogon, prenosnih orodjih ter strojih za trato in vrt (IEC 61058-2-6:2018)

Switches for appliances - Part 2-6: Particular requirements for switches used in electric motor-operated hand-held tools, transportable tools and lawn and garden machinery (IEC 61058-2-6:2018)

iTeh STANDARD PREVIEW

Geräteschalter - Teil 2-6: Besondere Anforderungen für Schalter zur Anwendung in elektromotorisch betätigten handgeführten Werkzeugen, transportablen Werkzeugen und Rasen- und Gartenmaschinen (IEC 61058-2-6:2018)

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Interrupteurs pour appareils - Partie 2-6: Exigences particulières pour les interrupteurs utilisés sur les outils électroportatifs à moteur, les outils portables et les machines pour jardins et pelouses (IEC 61058-2-6:2018)

Ta slovenski standard je istoveten z: EN IEC 61058-2-6:2019

ICS:

29.120.40 Stikala Switches

SIST EN IEC 61058-2-6:2019 en,fr,de

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EUROPEAN STANDARD

EN IEC 61058-2-6

NORME EUROPÉENNE

EUROPÄISCHE NORM

January 2019

ICS 29.120.40

Supersedes EN 61058-2-6:2016

English Version

**Switches for appliances - Part 2-6: Particular requirements for
switches used in electric motor-operated hand-held tools,
transportable tools and lawn and garden machinery
(IEC 61058-2-6:2018)**

Interrupteurs pour appareils - Partie 2-6: Exigences
particulières pour les interrupteurs utilisés sur les outils
électroportatifs à moteur, les outils portables et les
machines pour jardins et pelouses
(IEC 61058-2-6:2018)

Geräteschalter - Teil 2-6: Besondere Anforderungen für
Schalter zur Anwendung in elektromotorisch betätigten
handgeführten Werkzeugen, transportablen Werkzeugen
und Rasen- und Gartenmaschinen
(IEC 61058-2-6:2018)

This European Standard was approved by CENELEC on 2018-12-28. 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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.



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 61058-2-6:2019 (E)**European foreword**

The text of document 3J/450/FDIS, future edition 2 of IEC 61058-2-6, 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 61058-2-6:2019.

The following dates are fixed:

- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2019-09-28
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2021-12-28

This document supersedes EN 61058-2-6:2016.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

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The text of the International Standard IEC 61058-2-6:2018 was approved by CENELEC as a European Standard without any modification.

In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 60745-1	NOTE	Harmonized as EN 60745-1
IEC 62841-1	NOTE	Harmonized as EN 62841-1

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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61058-1	2016	Switches for appliances - Part 1: General requirements	EN IEC 61058-1	2018

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

SIST EN IEC 61058-2-6:2019
<https://standards.iteh.ai/catalog/standards/sist/24ccd145-e704-40de-b860-af52d8dff6fd/sist-en-iec-61058-2-6-2019>

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IEC 61058-2-6

Edition 2.0 2018-11

INTERNATIONAL STANDARD

NORME INTERNATIONALE

Switches for appliances –
Part 2-6: Particular requirements for switches used in electric motor-operated hand-held tools, transportable tools and lawn and garden machinery

Interrupteurs pour appareils –
Partie 2-6: Exigences particulières pour les interrupteurs utilisés sur les outils électroportatifs à moteur, les outils portables et les machines pour jardins et pelouses

INTERNATIONAL
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INTERNATIONAL ELECTROTECHNICAL COMMISSION

SWITCHES FOR APPLIANCES –

**Part 2-6: Particular requirements for switches used
in electric motor-operated hand-held tools, transportable
tools and lawn and garden machinery**

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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- 9) Attention is drawn to the possibility that some of the elements of this IEC Publication may be the subject of patent rights. IEC shall not be held responsible for identifying any or all such patent rights.

International Standard IEC 61058-2-6 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 2016. It constitutes a technical revision.

This edition includes the following significant change with respect to the previous edition:

Overall format to support IEC 61058-1, IEC 61058-1-1 and IEC 61058-1-2.

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

FDIS	Report on voting
3J/450/FDIS	23J/452/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 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 switches used in electric motor-operated hand-held tools, transportable tools and lawn and garden machinery.*

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 standard:

- 1) the following print types are used:
 - requirements proper: in roman type,
 - test specifications: *in italic type*,
 - notes/explanatory matter: in small roman type.
- 2) subclauses, notes, figures and 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 2-6: Particular requirements for switches used in electric motor-operated hand-held tools, transportable tools and lawn and garden machinery

1 Scope

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

Addition:

This part of IEC 61058 is a subset based on IEC 61058-1. The clauses outlined below are intended to address the specific requirements for switches incorporated into or integrated with electric motor-operated hand-held tools, transportable tools and lawn and garden machinery.

This document is intended for switches with an ambient temperature up to and including 55 °C. Switches tested according to IEC 61058-1 are considered to comply with this document and additional testing is not required provided ratings, loads, and endurance are correct.

NOTE This document takes into account the fact that tests are conducted as part of the end-product evaluation (e.g. products tested according to the IEC 60745 and IEC 62841 series, and lawn and gardening equipment tested according to the IEC 60335 series), and that tests are not conducted on the component switch.

2 Normative references

[SIST EN IEC 61058-2-6:2019](https://standards.iteh.ai/catalog/standards/sist/24ccd145-e704-40de-b860-a52d8dff6f1/sist-en-iec-61058-2-6-2019)

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

Addition:

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

3 Terms and definitions

Clause 3 of IEC 61058-1:2016 is applicable.

4 General requirements

Clause 4 of IEC 61058-1:2016 is applicable.

5 General information on tests

Clause 5 of IEC 61058-1:2016 is applicable.

6 Rating

Clause 6 of IEC 61058-1:2016 is applicable.