



UL 61058-2-6

(IEC 61058-2-6:2018, MOD)

STANDARD FOR SAFETY

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

UL Standard for Safety for 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, UL 61058-2-6

First Edition, Dated March 31, 2020

Summary of Topics

This reaffirmation of ANSI/UL 61058-2-6 dated May 21, 2025 is being issued to update the title page to reflect the most recent designation as a Reaffirmed American National Standard (ANS). No technical changes have been made.

The First edition of UL 61058-2-6 is an adoption of IEC 61058-2-6, Second Edition, issued by the IEC November 2018. Please note that the National Difference document incorporates all of the U.S. national differences for UL 61058-2-6.

As noted in the Commitment for Amendments statement located on the back side of the title page, ULSE and CSA are committed to updating this harmonized standard jointly. However, the revision pages dated May 21, 2025 will not be jointly issued by ULSE and CSA as these revision pages only address UL ANSI approval dates.

Text that has been changed in any manner or impacted by ULSE's electronic publishing system is marked with a vertical line in the margin.

The requirements are substantially in accordance with Proposal(s) on this subject dated April 4, 2025.

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This national standard is based on publication IEC 61058-2-6, Second Edition (2018).



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Documents

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Commitment for Amendments

This standard is issued jointly by the Canadian Standards Association (operating as “CSA Group”) and ULSE Inc. (ULSE). Comments or proposals for revisions on any part of the standard may be submitted to CSA Group or ULSE at anytime. Revisions to this standard will be made only after processing according to the standards development procedures of ANCE, CSA Group and ULSE. CSA Group and ULSE will issue revisions to this standard by means of a new edition or revised or additional pages bearing their date of issue.

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This Standard is subject to review within five years from the date of publication, and suggestions for its improvement will be referred to the appropriate committee. The technical content of IEC and ISO publications is kept under constant review by IEC and ISO. To submit a proposal for change, please send the following information to inquiries@csagroup.org and include "Proposal for change" in the subject line: Standard designation (number); relevant clause, table, and/or figure number; wording of the proposed change; and rationale for the change.

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This ANSI/UL Standard for Safety consists of the First Edition including revisions through May 21, 2025.

The most recent designation of ANSI/UL 61058-2-6 as a Reaffirmed American National Standard (ANS) occurred on May 21, 2025. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page (front and back), or the Preface. The National Difference Page and IEC Foreword are also excluded from the ANSI approval of IEC-based standards.

Comments or proposals for revisions on any part of the Standard may be submitted to ULSE at any time. Proposals should be submitted via a Proposal Request in the Collaborative Standards Development System (CSDS) at <https://csds.ul.com>.

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PREFACE

This is the harmonized CSA Group and ULSE standard for 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. It is the first edition of CSA C22.2 No. 61058-2-6, and the first edition of UL 61058-2-6. This harmonized standard has been jointly revised on April 30, 2021. For this purpose, CSA Group and ULSE are issuing revision pages dated April 30, 2021.

This harmonized standard is based on IEC Publication 61058-2-6: second edition 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, issued November 2018. IEC 61058-2-6 is copyrighted by the IEC.

This harmonized standard was prepared by CSA Group and ULSE. The efforts and support of the International Harmonization Committee on Switches for Appliances are gratefully acknowledged.

This standard is considered suitable for use for conformity assessment within the stated scope of the standard.

This standard was reviewed by the CSA Integrated Committee on Wiring Devices, under the jurisdiction of the CSA Technical Committee on Wiring Products and the CSA Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the CSA Technical Committee. This standard has been developed in compliance with Standards Council of Canada requirements for National Standards of Canada. It has been published as a National Standard of Canada by CSA Group.

Application of Standard

Where reference is made to a specific number of samples to be tested, the specified number is to be considered a minimum quantity.

Note: Although the intended primary application of this standard is stated in its scope, it is important to note that it remains the responsibility of the users of the standard to judge its suitability for their particular purpose.

CSA C22.2 No. 61058-2-6 is to be used in conjunction with the third edition of CAN/CSA-C22.2 No. 61058-1. The requirements for switches used in electric motor-operated hand-held tools, transportable tools, and lawn and garden machinery are contained in this Part 2 Standard and CAN/CSA-C22.2 No. 61058-1. Requirements of this Part 2 Standard, where stated, amend the requirements of CAN/CSA-C22.2 No. 61058-1. Where a particular subclause of CAN/CSA-C22.2 No. 61058-1 is not mentioned in CSA C22.2 No. 61058-2-6, the CAN/CSA-C22.2 No. 61058-1 subclause applies.

UL Standard 61058-2-6 is to be used in conjunction with the fifth edition of UL 61058-1. The requirements for switches used in electric motor-operated hand-held tools, transportable tools, and lawn and garden machinery are contained in this Part 2 Standard and UL 61058-1. Requirements of this Part 2 Standard, where stated, amend the requirements of UL 61058-1. Where a particular subclause of UL 61058-1 is not mentioned in UL 61058-2-6, the UL 61058-1 subclause applies.

Level of Harmonization

This standard adopts the IEC text with national differences.

This standard is published as an identical standard for CSA Group and ULSE.

An identical standard is a standard that is exactly the same in technical content except for national differences resulting from conflicts in codes and governmental regulations. Presentation is word for word except for editorial changes.

All national differences from the IEC text are included in the CSA Group and ULSE versions of the standard. While the technical content is the same in each organization's version, the format and presentation may differ.

Reasons for Differences From IEC

Differences from the IEC are being added in order to address safety and regulatory situations present in the US and Canada.

Interpretations

The interpretation by the standards development organization of an identical or equivalent standard is based on the literal text to determine compliance with the standard in accordance with the procedural rules of the standards development organization. If more than one interpretation of the literal text has been identified, a revision is to be proposed as soon as possible to each of the standards development organizations to more accurately reflect the intent.

IEC Copyright

For CSA Group, the text, figures, and tables of International Electrotechnical Commission Publication 61058-2-6 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, copyright 2018, are used in this standard with the consent of the International Electrotechnical Commission. The IEC Foreword is not a part of the requirements of this standard but is included for information purposes only.

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NATIONAL DIFFERENCES

In the CSA Group and ULSE publications of this standard, National Differences from the text of International Electrotechnical Commission (IEC) Publication 61058-2-6, Standard for 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, copyright 2018, are indicated by notations (differences) and are presented in bold text. The national difference type is included in the body.

There are five types of National Differences as noted below. The difference type is noted on the first line of the National Difference in the standard. The standard may not include all types of these National Differences.

DR – These are National Differences based on the **national regulatory requirements**.

D1 – These are National Differences which are based on **basic safety principles and requirements**, elimination of which would compromise safety for consumers and users of products.

D2 – These are National Differences from IEC requirements based on existing **safety practices**. These requirements reflect national safety practices, where empirical substantiation (for the IEC or national requirement) is not available or the text has not been included in the IEC standard.

DC – These are National Differences based on the **component standards** and will not be deleted until a particular component standard is harmonized with the IEC component standard.

DE – These are National Differences based on **editorial comments or corrections**.

Each national difference contains a description of what the national difference entails. Typically one of the following words is used to explain how the text of the national difference is to be applied to the base IEC text:

Addition / Add - An addition entails adding a complete new numbered clause, subclause, table, figure, or annex. Addition is not meant to include adding select words to the base IEC text.

Modification / Modify - A modification is an altering of the existing base IEC text such as the addition, replacement or deletion of certain words or the replacement of an entire clause, subclause, table, figure, or annex of the base IEC text.

Deletion / Delete - A deletion entails complete deletion of an entire numbered clause, subclause, table, figure, or annex without any replacement text.