



UL 61058-1-2:2017 (R2025)

(IEC 61058-1-2:2016, MOD)

STANDARD FOR SAFETY

**Switches for Appliances – Part 1-2:
Requirements for Electronic Switches**

UL Standard for Safety for Switches for Appliances – Part 1-2: Requirements for Electronic Switches, UL 61058-1-2

First Edition, Dated November 3, 2017

Summary of Topics

This reaffirmation of ANSI/UL 61058-1-2 dated September 24, 2025 is 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 61058-1-2 is an adoption of IEC 61058-1-2, First Edition, issued by the IEC May 2016. Please note that the National Difference document incorporates all of the U.S. national differences for UL 61058-1-2. The First Edition of UL 61058-1-2 shall be used in conjunction with the Fifth Edition of the Standard for Switches for Appliances – Part 1: General Requirements, UL 61058-1 and the First Edition of the Standard for Switches for Appliances – Part 1-1: Requirements for Mechanical Switches, UL 61058-1-1.

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 September 24, 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 August 8, 2025.

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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 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. 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 September 24, 2025. The most recent designation of ANSI/UL 61058-1-2 as a Reaffirmed American National Standard (ANS) occurred on September 24, 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 1-2: Requirements for Electronic Switches. It is the first edition of CAN/CSA-C22.2 No. 61058-1-2, and the first edition of UL 61058-1-2.

This harmonized standard is based on IEC Publication 61058-1-2: first edition Switches for Appliances – Part 1-2: Requirements for Electronic Switches issued May 2016. IEC 61058-1-2 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.

This CAN/CSA-C22.2 No. 61058-1-2, Standard for Switches for Appliances – Part 1-2: Requirements for Electronic Switches, is to be used in conjunction with the Third edition of CAN/CSA-C22.2 No. 61058-1. The requirements for electronic switches are contained in this Part 1-2 and CAN/CSA-C22.2 No. 61058-1. Requirements of this Part 1-2, 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 CAN/CSA-C22.2 No. 61058-1-2, the CAN/CSA-C22.2 No. 61058-1 subclause applies.

This UL 61058-1-2, Standard for Switches for Appliances – Part 1-2: Requirements for Electronic Switches, is to be used in conjunction with the Fifth edition of UL 61058-1. The requirements for electronic switches are contained in this Part 1-2 and UL 61058-1. Requirements of this Part 1-2, where stated, amend the requirements of UL 61058-1. Where a particular subclause of UL 61058-1 is not mentioned in UL 61058-1-2, 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 and basic safety principles and requirements. 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

National 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.

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