CSA C22.2 No. 167:23

Household dishwashers

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CSA C22.2 No. 167:23
May 2023

Title: *Household dishwashers*

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National Standard of Canada

CSA C22.2 No. 167:23

Household dishwashers

ICS 97.040.40

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Standard for Safety for Household Dishwashers

Ninth Edition, Dated May 25, 2023

Summary of Topics

This new edition dated May 25, 2023 includes the following changes in requirements:

– DW Terminal Blocks
– Terminal Blocks
– Remote Operation of Smart Dishwashers
– Remote Safety Firmware/Software Update Requirements
– Appliance Filter Requirements
– Revised Annex D – Alternative Electronic Circuit Requirements
– Revised "Liquid Leaking from an Auxiliary Reservoir" Requirements
– Circuit Interrupters with Fire Extinguishing Agent for Use in Electrical Appliances
– Revised Leakage Current Detection Requirements
– Revised Switch Requirements
– Control Requirement Revisions – removal of legacy standards
– Clarifications to the Control Requirements
– French Language Requirements
– Double Insulation Requirements
– Miscellaneous Revisions to Clarify the Standard
– Nichrome Wire Test Clarification
– Update to NiCr wire test
– Unintentional operation

CSA Group
CSA C22.2 No. 167:23
Ninth Edition

ULSE Inc.
UL 749
Twelfth Edition

Household Dishwashers

May 25, 2023

ANSI/UL 749-2023

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.

ISBN 978-1-4883-4397-1 © 2023 Canadian Standards Association

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 Twelfth edition.

The most recent designation of ANSI/UL 749 as an American National Standard (ANSI) occurred on May 25, 2023. ANSI approval for a Standard does not include the Cover Page, Transmittal Pages, Title Page (front and back), or the Preface.

The Department of Defense (DoD) has adopted UL 749 on August 2, 1994. The publication of revised pages or a new edition of this Standard will not invalidate the DoD adoption.

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Preface

This is the harmonized CSA Group and ULSE standard for Household Dishwashers. It is the ninth edition of CSA C22.2 No. 167 and the twelfth edition of UL 749. This edition of CSA C22.2 No. 167 supersedes the previous editions published in 2018. This edition of UL 749 supersedes the previous edition published in 2018.

This harmonized standard was prepared by CSA Group and ULSE. The efforts and support of the Harmonization Committee for Household Dishwashers and the Association of Home Appliance Manufactures (AHAM) 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 Subcommittee on Household and Commercial Dishwashers, under the jurisdiction of the CSA Technical Committee on Consumer and Commercial Products and the CSA Strategic Steering Committee on Requirements for Electrical Safety, and has been formally approved by the CSA Technical Committee.

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.

Level of harmonization

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.

Reasons for Differences From IEC

This standard provides requirements for electric clothes dryers for use in accordance with the electrical installation codes of Canada and the United States. This standard does not employ any IEC standard for base requirements.

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.