UL 248-16

STANDARD FOR SAFETY

Low-Voltage Fuses – Part 16: Test Limiters

UL Standard for Safety for Low-Voltage Fuses – Part 16: Test Limiters, UL 248-16

Third Edition, Dated April 4, 2018

Summary of Topics

This revision of ANSI/UL 248-16 dated June 8, 2023 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.

As noted in the Commitment for Amendments statement located on the back side of the title page, UL, CSA, and ANCE are committed to updating this tri-national standard jointly. However, the new edition dated June 6, 2023 will not be jointly issued by UL, CSA, and ANCE as this new edition addresses only 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 21, 2023.

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NMX-J-009/248/16-ANCE-2000
First Edition

Canadian Standards Association
CSA C22.2 No. 248.16-00
Second Edition

ULSE Inc.
UL 248-16
Third Edition

Low-Voltage Fuses – Part 16: Test Limiters

April 4, 2018

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Approved American National Standard

ANSI/UL 248-16-2004 (R2023)

Commitment for Amendments

This standard is issued jointly by the Association of Standardization and Certification (ANCE), 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 ANCE, 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. ANCE will incorporate the same revisions into a new edition of the standard bearing the same date of issue as the CSA Group and ULSE pages.

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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 Third Edition including revisions through June 8, 2023. The most recent designation of ANSI/UL 248-16 as a Reaffirmed American National Standard (ANS) occurred on June 8, 2023. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page (front and back), or the Preface.

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 ANCE, CSA Group, and ULSE standard for Low-Voltage Fuses – Part 16: Test Limiters. It is the first edition of NMX-J-009/248/16-2000-ANCE, the second edition of CSA C22.2 No. 248.16-00, and the third edition of UL 248-16. This edition of CSA C22.2 No. 248.16-00 supersedes the previous edition published in 1996. This edition of UL 248-16 supersedes the previous edition published on August 1, 2000.

This harmonized standard was prepared by the Association of Standardization and Certification, (ANCE), CSA Group and ULSE. The efforts and support of the Technical Harmonization Subcommittee, THSC 32B, Low Voltage Fuses, on the Harmonization of Electrotechnical Standards of the Nations of the Americas (CANENA), 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 Fuses, under the jurisdiction of the CSA Technical Committee on Industrial Products and the CSA Strategic Resource Group, 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.

NMX-J-009/248/16-ANCE, Standard for Low-Voltage Fuses – Part 16: Test Limiters is to be used in conjunction with the second edition of NMX-J-009/248/1-ANCE. The requirements for Test Limiters are contained in this Part 2 Standard and NMX-J-009/248/1-ANCE. Requirements of this Part 2 Standard, where stated, amend the requirements of NMX-J-009/248/1-ANCE. Where a particular subclause of NMX-J-009/248/1-ANCE is not mentioned in NMX-J-009/248/16-ANCE, the NMX-J-009/248/1-ANCE subclause applies.

This CSA C22.2 No. 248.16, Standard for Low-Voltage Fuses – Part 16: Test Limiters is to be used in conjunction with the third edition of CSA C22.2 No. 248.1. The requirements for Test Limiters are contained in this Part 2 Standard and CSA C22.2 No. 248.1. Requirements of this Part 2 Standard, where stated, amend the requirements of CSA C22.2 No. 248.1. Where a particular subclause of CSA C22.2 No. 248.1 is not mentioned in CSA C22.2 No. 248.16, the CSA C22.2 No. 248.1 subclause applies.

This UL Standard 248-16, Standard for Low-Voltage Fuses – Part 16: Test Limiters, is to be used in conjunction with the third edition of UL 248-1. The requirements for Test Limiters are contained in this Part 2 Standard and UL 248-1. Requirements of this Part 2 Standard, where stated, amend the requirements of UL 248-1. Where a particular subclause of UL 248-1 is not mentioned in UL 248-16, the UL 248-1 subclause applies.

Level of Harmonization

This standard is published as an identical standard for ANCE, 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.

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.