



CSA C22.2 No. 4248.19:21
National Standard of Canada



Fuseholders — Part 19: Photovoltaic fuses



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Revision History

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***CSA C22.2 No. 4248.19:21
March 2021***

Title: *Fuseholders — Part 19: Photovoltaic fuses*

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| *Sustainable Development Goals (SDG)*

Foreword

CSA Group develops and maintains standards-based solutions across a broad range of topics, most of which support the United Nations Sustainable Development Goals (UN SDGs) towards shaping a sustainable and resilient future.

Through a robust mapping process, connections between CSA C22.2 No. 4248.19:21 and the following SDGs have been identified:

		
SDG		
Targets	7.1	9.1

CSA C22.2 No. 4248.19:21 has notable linkages with the following SDGs:

- SDG 7: *Affordable and Clean Energy*
- SDG 9: *Industry, Innovation, and Infrastructure*

For further information on CSA Group's SDG Mapping initiative, please visit:

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Note: *It is important to note that although some standards-based solutions explicitly support SDG targets, not all standards and documents link to the SDGs. Users of CSA documents should always take care and be specific when claiming their support of SDGs through the use of standards and other documents. The SDG mapping outcomes made available by CSA Group are intended to assist users in their evaluation of how the application of a standard or other document can support their work towards SDG achievement.*

Fuseholders – Part 19: Photovoltaic Fuseholders

Second Edition, Dated March 31, 2021

Summary of Topics

This revision dated November 25, 2024 includes changes in requirements to the Scope and the requirements to include the maximum voltage rating for PV systems: [1.2](#), [5.1](#), [6.1](#), [7.2](#), and [8.1](#).

As noted in the Commitment for Amendments statement located on the back side of the title page, ULSE, CSA, and ANCE are committed to updating this harmonized standard jointly.

Text that has been changed in any manner is marked with a vertical line in the margin.



Association of Standardization and Certification
NMX-J-009/4248/19-ANCE
Second Edition



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CSA C22.2 No. 4248.19:21
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I



ULSE Inc.
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March 31, 2021

(Title Page Reprinted: November 25, 2024)



ANSI/UL 4248-19-2024

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This ANSI/UL Standard for Safety consists of the Second Edition including revisions through November 25, 2024. The most recent designation of ANSI/UL 4248-19 as an American National Standard (ANSI) occurred on November 25, 2024. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, Title Page (front and back), or the Preface.

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CONTENTS

PREFACE5

1 Scope7

2 Referenced Publications7

3 Units of Measurement8

4 General8

5 Classification8

6 Ratings8

7 Markings8

8 Construction9

9 Tests10

 9.1 Verification of temperature rise10

 9.2 Verification of withstand rating11

No Text on This Page

PREFACE

This is the harmonized ANCE, CSA Group, and ULSE standard for Fuseholders – Part 19: Photovoltaic Fuseholders. It is the second edition of NMX-J-009/4248/19-ANCE, the second edition of CSA-C22.2 No. 4248.19, and the second edition of UL 4248-19. This edition of NMX-J-009/4248/19-ANCE cancels the previous edition published on November 13, 2015. This edition of CSA C22.2 No. 4248.19 supersedes the previous edition published on November 13, 2015. This edition of UL 4248-19 supersedes the previous edition published on November 13, 2015. This harmonized standard has been jointly revised on November 25, 2024. For this purpose, CSA Group and ULSE are issuing revision pages dated November 25, 2024, and ANCE is issuing a new edition dated November 25, 2024.

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, 32B, Fuses, Fuseholders, 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.

The present Mexican standard was developed by the CT 32 “Fusibles” from the Comité de Normalización de la Asociación de Normalización y Certificación, A.C., CONANCE, with the collaboration of the manufacturers and users of fuseholders.

This standard was reviewed by the CSA Subcommittee on Fuses and Fuseholders, under the jurisdiction of the CSA Technical Committee on Industrial 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.

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

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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.