

Low-Voltage Fuses — Part 6: Class H Non-Renewable Fuses



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Revised	Title page, copyright page, Contents, Preface, and Clause 1 and 8.2.4
New	Clause 8.1
Deleted	Foreword (ANCE) and Foreword (UL)

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August 2000	10–12
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Low-Voltage Fuses – Part 6: Class H Non-Renewable Fuses

August 1, 2000

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Preface

This is the common UL, CSA, and ANCE Standard for *Low-Voltage Fuses – Part 6: Class H Non-Renewable Fuses*. This is the second edition of CAN/CSA-C22.2 No. 248.6-00 (superseding the first edition, published in 1996), the second edition of UL 248-6, and the first edition of NMX-J-009/248/6-2000-ANCE.

This Standard was prepared by a Technical Harmonization Committee comprised of members from Underwriters Laboratories, CSA International, the National Association of Standardization and Certification of the Electrical Sector, the end product manufacturers, and material suppliers. The efforts and support of the members of the Technical Harmonization Committee are gratefully acknowledged.

The present Mexican Standard was developed by the TC 32 Fuses from the Comité de Normalización de la Asociación de Normalización y Certificación, A.C., CONANCE, with the collaboration of the fuse manufacturers and users.

This Standard was reviewed by the CSA Subcommittee on Fuses and approved by the Technical Committee on Industrial Products under the jurisdiction of the CSA Strategic Steering Committee on the Requirements for Electrical Safety.

This Standard has been approved by the American National Standards Institute (ANSI) as an American National Standard.

The most recent designation of ANSI/UL 248-6 as an American National Standard (ANSI) occurred on August 1, 2005.

This ANSI/UL Standard for Safety, which consists of the Second edition with revisions through August 11, 2005, is under continuous maintenance, whereby each revision is ANSI approved upon publication. Comments or proposals for revisions on any part of the Standard may be submitted to UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at <http://csds.ul.com>.

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CSA Effective Date

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UL Effective Date

This edition of the standard is now in effect.

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Low-Voltage Fuses – Part 6: Class H Non-Renewable Fuses

1 General

NOTE –

This Part is intended to be read together with the Standard for Low-Voltage Fuses – Part 1: General Requirements, hereafter referred to as Part 1. The numbering of the Clauses in this Part correspond to like numbered Clauses in Part 1. The requirements of Part 1 apply unless modified by this Part. For Clauses not shown below, refer to the Standard for Low-Voltage Fuses – Part 1: General Requirements, NMX-J-009/248/6-2000-ANCE ♦ CAN/CSA C22.2 No. 248.1 ♦ UL 248-1.

1.1 Scope

This Part applies to Class H Non-Renewable fuses rated 600 A or less and either 250 or 600 V ac. DC ratings are optional.

4 Classification

Class H Non-Renewable fuses have an interrupting rating of 10,000 A. Both of the voltage ratings 250 V ac and 600 V ac are divided into six body sizes with the maximum current rating in each size as specified in this Part. These fuses are not classified as current limiting. Time-delay ratings are optional.

In Canada, 250 V ac fuses rated 15 – 60 A shall have a low melting point "P" ("D" for time delay) characteristic. See Clauses 6.1 and 9.2.

5 Characteristics

5.2 Voltage rating

For AC, the rating shall be 250 V ac or 600 V ac in accordance with dimensions shown in Figures A and B.

The DC voltage rating may be different from the AC rating.

5.3 Current rating

Refer to Figures A and B for range of current ratings in each body size for each voltage rating.