UL 98

STANDARD FOR SAFETY

Enclosed and Dead-Front Switches

UL Standard for Safety for Enclosed and Dead-Front Switches, UL 98

Fourteenth Edition, Dated February 12, 2016

Summary of Topics

This revision of ANSI/UL 98 dated August 30, 2019, includes the following changes in requirements:

Revisions for Field Installed Barriers

Addition of Requirements for Class CA, CB and G Fuses

Revisions for the Addition of Voltage Ratings From 601 to 1000 V

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 harmonized standard jointly.

The new and revised requirements are substantially in accordance with Proposal(s) on this subject dated September 7, 2018 and March 1, 2019.

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Association of Standardization and Certification
NMX-J-162-ANCE-2016
Fourth Edition

CSA Group
CSA-C22.2 No. 4-16
Eighth Edition

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UL 98
Fourteenth Edition

Enclosed and Dead-Front Switches

February 12, 2016

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ANSI/UL 98-2019

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 Underwriters Laboratories Inc. (UL). Comments or proposals for revisions on any part of the standard may be submitted to ANCE, CSA Group, or UL at anytime. Revisions to this standard will be made only after processing according to the standards development procedures of ANCE, CSA Group, and UL. CSA Group and UL 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 UL pages.

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This Standard is subject to review 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 inquires@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.

To purchase CSA Group Standards and related publications, visit CSA Group's Online Store at store.csagroup.org or call toll-free 1-800-463-6727 or 416-747-4044.

This ANSI/UL Standard for Safety consists of the Fourteenth edition including revisions through August 30, 2019. The most recent designation of ANSI/UL 98 as an American National Standard (ANSI) occurred on August 30, 2019. 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 UL at any time. Proposals should be submitted via a Proposal Request in UL's On-Line Collaborative Standards Development System (CSDS) at https://csds.ul.com.

To purchase UL Standards, visit UL's Standards Sales Site at http://www.shopulstandards.com/HowToOrder.aspx or call toll-free 1-888-853-3503.

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Preface

This is the harmonized ANCE, CSA Group, and UL standard for *Enclosed and Dead-Front Switches*. It is the Fourth edition of NMX-J-162-ANCE, the Eighth edition of CSA C22.2 No. 4, and the Fourteenth edition of UL 98. This harmonized standard has been jointly revised on August 30, 2019. For this purpose, CSA Group and UL are issuing revision pages dated August 30, 2019, and ANCE is issuing a new edition dated August 30, 2019.

This harmonized standard was prepared by the Association of Standardization and Certification (ANCE), CSA Group, and Underwriters Laboratories Inc., (UL). The efforts and support of the Technical Harmonization Committee for Enclosed Switches, of the Council 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 Enclosed and Dead-Front Switches, 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.

Where reference is made to a specific number of samples to be tested, the specified number shall 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 uses the IEC format but is not based on, nor is it considered equivalent to, an IEC standard. This standard is published as an equivalent standard for ANCE, CSA Group, and UL.

An equivalent standard is a standard that is substantially the same in technical content, except as follows: Technical national differences are allowed for codes and governmental regulations as well as those recognized as being in accordance with NAFTA Article 905, for example, because of fundamental climatic, geographical, technological, or infrastructural factors, scientific justification, or the level of protection that the country considers appropriate. Presentation is word for word except for editorial changes.

Reasons for differences from IEC

The THC determined the safe use of enclosed and dead-front switches is dependent on the design and performance of the products in relation to the North American Electrical Codes with which they are intended to be installed.

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.