UL 275

STANDARD FOR SAFETY

Automotive Glass-Tube Fuses

UL Standard for Safety for Automotive Glass-Tube Fuses, UL 275

Tenth Edition, Dated April 19, 2013

Summary of Topics

This revision to UL 275 dated November 30, 2022 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.

Text that has been changed in any manner or impacted by UL'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 October 14, 2022.

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Standard for Automotive Glass-Tube Fuses

The First through Sixth editions were numbered UL 275B.

First Edition – January, 1924
Second Edition – April, 1938
Third Edition – July, 1950
Fourth Edition – February, 1952
Fifth Edition – December, 1957
Sixth Edition – May, 1973
Seventh Edition – August, 1978
Eighth Edition – June, 1986
Ninth Edition – December, 1993

Tenth Edition

April 19, 2013

This ANSI/UL Standard for Safety consists of the Tenth Edition including revisions through November 30, 2022.

The most recent designation of ANSI/UL 275 as a Reaffirmed American National Standard (ANS) occurred on November 30, 2022. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page.

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.

No Text on This Page

CONTENTS

INTRODUCTION

CONSTRUCTION

PERFORMANCE

MARKING

No Text on This Page

INTRODUCTION

1 Scope

1.1 These requirements cover glass-tube fuses intended for the protection of automotive wire and automotive apparatus.

1.2 These requirements do not cover glass-tube fuses intended for use in circuits rated above 32 volts.

1.3 A product that contains features, characteristics, components, materials, or systems new or different from those in use when the standard was developed and that involves a risk of fire, electric shock, or injury to persons shall be evaluated using the appropriate additional component and end-product requirements as determined necessary to maintain the level of safety for the user of the product as originally anticipated by the intent of this standard.

2 Units of Measurement

2.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.

3 Components

3.1 Except as indicated in 3.2, a component of a value covered by this standard shall comply with the requirements for that component.

3.2 A component need not comply with a specific requirement that:

a) Involves a feature or characteristic not needed in the application of the component in the value covered by this standard, or

b) Is superseded by a requirement in this standard.

3.3 A component shall be used in accordance with its rating established for the intended conditions of use.

3.4 Specific components are incomplete in construction features or restricted in performance capabilities. Such components are intended for use only under limited conditions, such as certain temperatures not exceeding specified limits, and shall be used only under those specific conditions.

4 Undated References

4.1 Any undated reference to a code or standards appearing in the requirements of this standard shall be interpreted as referring to the latest edition of that code or standard.

CONSTRUCTION

5 Material

5.1 Fuse tubes shall be of clear glass.

5.2 Fuse caps shall be of brass or copper. Caps shall be plated with nickel, cadmium, or other material having equivalent electrical and protective properties.