

FUSE, TIME-DELAY, 125 VOLT**1. Scope**

This material standard covers the requirements for 125 Vac rated, time-delay, cartridge type fuses.

This material standard applies to the following Seattle City Light Stock Numbers:

Stock Number	Current Rating, A
683193	5
683199	10

2. Application

Time-delay fuses may be used only where proper protection is already being provided by a branch circuit device.

Time-delay fuses are used to provide supplementary protection on branch circuits so that the branch circuit fuse is not disturbed in downstream, overcurrent situations.

Time-delay fuses may be used only where the available short-circuit current does not exceed 10,000 amperes at 125 Vac. Interrupting rating significantly decreases with voltage.

Time-delay fuses are appropriate for general purpose, lighting, and meter circuits.

Fuses measuring 13/32 x 1-1/2 inches are also known as midget fuses.

3. Industry Standards

Time-delay fuses shall meet the applicable requirements of the following industry standard and its amendment:

UL Standard 248-14 - Underwriters Laboratories Inc., Low Voltage Fuses - Part 14: Supplemental Fuses, January 1, 2000

UL Standard 248-14 (Amendment) -

Underwriters Laboratories Inc., Low Voltage Fuses - Part 14: Supplemental Fuses, April 14, 2004

4. Attributes

Time-delay fuses shall have the following attributes:

UL type	Supplemental
Interrupting rating (IR)	10,000 A RMS symmetrical at 125 Vac
Diameter	13/32 in
Length	1-1/2 in
Terminal style	ferrule

5. Tests and Test Reports

Data that establishes compliance with the requirements of UL 248-14 and this material standard shall be provided upon request.

6. Marking

Each time-delay fuse shall be permanently marked with:

- Manufacturer's name or symbol
- Manufacturer's catalog number
- Voltage rating
- Ampere rating

7. Packaging

Time-delay fuses shall be packaged to prevent damage during shipping, handling, and storage.

8. Issuance

EA

standards coordinator	standards manager	unit director
 John Shipek	 John Shipek	 Pamela S. Johnson

MATERIAL STANDARD

Fuse, Time-Delay, 125 Volt

standard number: **6855.35**superseding: February 19, 2010
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9. Approved Manufacturers

Stock Number	Current Rating, A	Catalog Numbers		
		Bussman	Mersen	Littelfuse
683193	5	FNM-5	TRM5	FLM-5
683199	10	FNM-10	TRM10	FLM-10

10. References

Cooper Bussmann Full Line Catalog No. 1007,
2007

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