

**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 midjet 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

effective date: December 14, 2010

page: 2 of 2

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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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