

**FUSE, FAST-ACTING, 125 VOLT, WITH PIN INDICATION**



**1. Scope**

This material standard covers the requirements for 125 Vac rated, fast-acting, cartridge type fuses with pin indication.

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

Stock Number	Current Rating, A
683120	5

**2. Application**

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

Fast-acting fuses may be used only where the available short-circuit current does not exceed 10,000 amperes.

Fast-acting fuses have a red pin indicator that provides visual identification of failed circuits, resulting in faster troubleshooting.

Fast-acting fuses are appropriate for control and electronic circuits.

**3. Industry Standards**

Fast-acting 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, April 14, 2004

**UL Standard 248-14 (Amendment)** - Underwriters Laboratories Inc., Low Voltage Fuses - Part 14: Class G Fuses, April 14, 2004

**4. Attributes**

Fast-acting fuses shall have the following attributes:

UL type	Supplemental
Voltage rating	125 Vac
Interrupting rating (IR)	10,000 A RMS symmetrical
Diameter	1/4 in
Length	1-1/4 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**

Fast-acting fuses shall be permanently marked with:

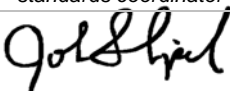


- Manufacturer's name or symbol
- Manufacturer's catalog number
- Voltage rating
- Ampere rating

**7. Packaging**

Fast-acting fuses shall be packaged to prevent damage during shipping, handling, and storage.

**8. Issuance**

EA

standards coordinator	standards supervisor	unit director
 John Shipek	 John Shipek	 Darnell Cola

## MATERIAL STANDARD

Fuse, Fast-Acting, 125 Volt, with Pin Indication

standard number: **6855.40**

superseding: January 8, 2010

effective date: October 21, 2011

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### 9. Approved Manufacturers

Stock Current	Number Rating, A	Catalog Numbers		
		Bussman	Mersen	Littelfuse
683120	5	GBA-5	-	-

### 10. References

**Shipek, John**; SCL Standards Engineer,  
subject matter expert and originator of 6855.40  
(john.shipek@seattle.gov)

**Cooper Bussmann Full Line Catalog No. 1007**;  
2007