

**FUSE CUTOUT, ENCLOSED****1. Scope**

This material standard covers the requirements for 2.6 kV, totally-enclosed, porcelain, fuse cutouts, SCL Stock No. 682047.

**2. Application**

Enclosed fuse cutouts described here are for use on the 2400/4160Y volt overhead primary distribution system.

**3. Industry Standards**

These enclosed fuse cutouts shall meet the applicable requirements of the following industry standards:

**ANSI C37.41-1981** –Standard Design Tests for High-Voltage Fuses, Distribution Enclosed Single-Pole Air Switches, Fuse Disconnecting Switches, and Accessories

**ANSI C37.42-1981** – Switchgear – Distribution Cutouts and Fuse Links - Specifications

**NEMA SG-2 (1986)** – National Electrical Manufacturers Association; January 1, 1993

**4. Ratings and attributes**

Continuous current rating, RMS amperes, minimum:	100
Interrupting rating, 2.6 kV, five-shot, RMS asymmetrical amperes, minimum:	8,000
Interrupting rating, 2.6 kV, one-shot, RMS asymmetrical amperes, minimum:	14,000
Cutout enclosure material:	porcelain
Cutout enclosure color:	gray
NEMA "A" crossarm mounting bracket:	not required or desired

**5. Tests and Test Reports**

Data that establishes compliance with the requirements of ANSI C37.41, ANSI C37.42, and this material standard shall be provided upon request.

**6. Marking**

The cutout door of each assembly shall be permanently marked with the device's nameplate rating.

**7. Packaging**

Each fuse cutout shall be packaged to prevent damage during shipping, storage, and casual handling prior to installation.

Each package shall be marked with Seattle City Light's Stock Number.

**8. Issuance**

EA

**9. Approved Manufacturer**

Stock No.	Manufacturer	Style	Type
682047	ABB	632A808A01	EU

**10. References**

**ABB Descriptive Bulletin 38-611**, "Type EU and EUH Enclosed Fuse Cutouts"; rev. July 2003

<i>standards coordinator</i>	<i>standards manager</i>	<i>unit director</i>
 John Shipek	 John Shipek	 Pamela S. Johnson