

Fuse Holders, Rejection-Type, In-Line, Non-Breakaway, Waterproof, Crimp-Terminal



1. Scope

This material standard covers the requirements for waterproof, single-pole, non-breakaway, crimp-terminal, in-line fuse holder.

This material standard applies to the following Seattle City Light (SCL) stock numbers:

Stock No.	Loadside Terminal (AWG)	Lineside Terminal (AWG)
013518	#12 - #8	#6
013519	#6	#6
013520	#6	#2
013521	#2	#2

2. Application

Rejection-type, in-line, waterproof fuse holder accepts Class CC rejection type fuses. Non-rejection type fuses will not operate if installed.

Rejection-type fuse holders:

- Prevent the installation of fuses rated less than 600 V.
- Are used with class CC, rejection-type fuses cited in Material Standards 6855.55.
- Are UL-Listed for IPX7 conditions for protection against water immersion up to 3 ft.
- Are intended for installation in wet conditions. Two rubber insulating boots, Stock No. 682360, are required per in-line holder.

The recommended coupling nut torque is 10 to 20 in-lb.

3. Industry Standards

Fast-acting fuses shall meet the applicable requirements of the following industry standard and its amendment:

UL Standard 4248-4 - Underwriters Laboratories Inc., Fuseholders - Part 4: Class CC, February 28, 2007

4. Requirements

Rejection-type fuse holders shall have the following attributes:

UL Type:	4248-4
Voltage:	600 V
Amperage:	Up to 30 A
Waterproof Rating:	IPX7
Terminal Style:	Copper crimp
Rejection Feature:	Yes

Rejection-type fuse holders shall be in-line, single-pole, non-breakaway type.

Rejection-type fuse holders shall be designed to accept fuses measuring 13/32 x 1-1/2 (diameter x length, in) with rejection feature.

5. Tests and Test Reports

Data that establishes compliance with the requirements of UL 4248-4 and this material standard shall be provided upon request.

6. Marking

Each fuse holder shall be permanently marked with the following:

- Manufacturer's name or symbol
 - Manufacturer's catalog number
 - Voltage rating
 - Ampere rating
 - UL (or other approved agency) recognition.
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7. Packaging

Fuse holders shall be packaged to prevent damage during shipping, handling, and inside storage.

8. Issuance

EA

9. Approved Manufacturers

Stock No.	Loadside Terminal (AWG)	Lineside Terminal (AWG)	Catalog Numbers		
			Cooper Bussman	Mersen (formerly Ferraz Shawmut)	Littelfuse
013518	#12 - #8	#6	—	FEC-11-21	LEC-AB
013519	#6	#6	—	FEC-21-21	LEC-BB
013520	#6	#2	—	—	LEC-BD
013521	#2	#2	—	—	LEC-DD

10. References

SCL Material Standard 6855.55; "Fuse, Rejection-Type, Fast-Acting, Current-Limiting, 600 Volt"

SCL Material Standard 6857.05; "Fuse Holders, In-Line, Water-Resistant, and Insulating Boots"

11. Sources

Chao, Yaochiem; SCL Standards Engineer, subject matter expert and originator of 6857.07 (yaochiem.chao@seattle.gov)

Datasheet 2130; Cooper Bussmann; 2012

Hewitt, Al; Cooper Bussmann Field Application Engineer and subject matter expert for 6857.07

Littelfuse Powr-Gard Blocks and Holders Datasheet; In-Line Watertight Fuse Holders, revision 01//24/14

Mersen 600 Volt In-Line Fuse Holders Datasheet; FEB, FEC, FEX, FEY, revision 2014