

Brackets, Mounting, for Vertical Line Post Insulators



1. Scope

This standard covers the requirements for vertical post insulator mounting brackets.
This standard applies to Seattle City Light (SCL) Stock No. 693017.

2. Application

Vertical line post insulator mounting brackets are used for mounting 115 kV post insulators with a 5-inch bolt circle (Stock No. 012383) on wood pole tops.

3. Industry Standards

Vertical line post insulator mounting brackets shall meet the applicable requirements of the latest revision of the following industry standards:

ASTM A47; "Standard Specification for Ferritic Malleable Iron Castings"

ASTM A153/153M; "Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware"

ASTM A536; "Standard Specification for Ductile Iron Castings"

ASTM A575; "Standard Specification for Steel Bars, Carbon, Merchant Quality, M-Grades"

4. Requirements

Brackets shall be designed for use with post insulators with 5-inch bolt circles, as defined by ANSI C29.9-1983 (R1996), Table 2 and meet the following requirements:

Table 4. Bracket Requirements

Material:	Ductile iron, hot-dip galvanized
Fits pole diameter:	7-1/2" to 11"
Bracket mounting hole diameter:	13/16"
Insulator mounting hole diameter:	11/16"
Center insulator mounting hole diameter:	15/16"

5. Approved Manufacturers

Hughes Brothers, Inc., B2638-A
Lindsey MFG. Co., 2050SCL
Maclean Power Systems, BPT-88

6. Packaging

Each standard package shall be legibly marked with the following information:

- Manufacturer's identification
- Product description
- SCL stock number
- Quantity contained

Each shipping container shall be legibly marked with the following information:

- Manufacturer's identification
 - Country of origin
 - Product description
 - SCL purchase order number
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7. Issuance

Stock Unit: EA

8. References

SCL Material Standard 6901.95; "Insulator, Station Post, Polymer for 115 kV Nominal Systems"

SCL Material Standard 5632.07; "Bracket, Mounting, for Horizontal Post Insulators"

9. Sources

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