

Brackets, Two-Transformer Cluster Mount



1. Scope

This standard covers the requirements for transformer cluster mounting brackets.
This standard applies to Seattle City Light Stock No. 563295.

2. Application

Transformer cluster mounting brackets are intended for mounting two transformers on a single bracket to a pole.

3. Industry Standards

IEEE C57.12.20-2011; Standard for Overhead Type Distribution Transformers, 500 kVA and Smaller: High Voltage, 34 500 Volts and Below; Low Voltage, 7970/13 800Y Volts and Below

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

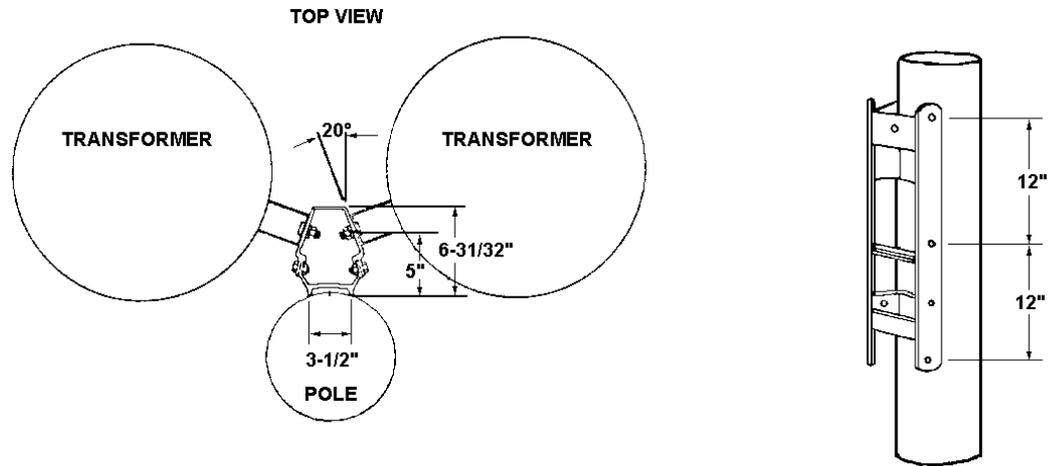
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4. Requirements

Figure 4. Brackets, Two-Transformer Cluster Mount



4.1 Material

Transformer cluster mounting brackets shall be of the configuration shown in Figure 4. Brackets shall be designed for a 200% safety factor for a total maximum transformer weight of 4000 lb.

Brackets shall be steel channel or plate, hot-dipped galvanized per ASTM A153.

4.2 Mounting

Mounting to the pole shall be by 3/4-in through bolts; band-type mounting is not acceptable.

Each bracket shall include four 3/4-in and two 5/8-in hot-dipped galvanized nuts, bolts, and lock washers for mounting transformers with IEEE C57.12.20 type "A" or "B" lugs.

4.3 Lifting Eyes

Each bracket shall include one lifting eye free of all sharp edges or burrs.

5. Issuance

Stock Unit: EA

6. Approved Manufacturer

Stock No.	Manufacturer	Catalog No.
563295	Hubbell/A. B. Chance	C212-0001

7. Sources

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