# 22 kV BASIC ASSEMBLY UNITS

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</table>
B32 - NORMAL PIN, GRAY INSULATOR 5034594
B32W - NORMAL PIN, WHITE INSULATOR 5034593

B32L - LONG PIN, GRAY INSULATOR 5034594
B32LW - LONG PIN, WHITE INSULATOR 5034593

B33 - ANGLE PIN, GRAY INSULATOR 5034594
B33W - ANGLE PIN, WHITE INSULATOR 5034593

CONDUCTORS:
- AC312, A2, A30, A266, A397, C1, C2, C4, C6, C20, R2, R30, R266

CONDUCTORS:
- AC312, A2, A10, A30, C1, C2, C4, C6, C20, R2, R30, R266

CONDUCTORS:
- AC312, A2, C1, C2, C4, C6, C20, R2
B212__
CONDUCTORS-A2, AC312, R2, R30, R266

B212-0 DEG.- 6 DEG. TANGENT

12"

B222C__
CONDUCTORS-AC312, R2, R30, R266

B222C - 6 DEG.-24 DEG. (SPANS LESS THAN 300')
B222CA - 6 DEG.-24 DEG. (SPANS MORE THAN 300')
B222CD-SLACK SPAN DEADEND

B252__
CONDUCTORS-AC312, A2, R2, R30, R266

B252-0 DEG.- 6 DEG. TANGENT

8 1/2"

B272__
CONDUCTORS-AC312, R2, R30, R266

5034466

*USED AS CLEARANCE INS.
These taps may be applied any of three ways.

Jumper shall be same size as largest conductor. 
Intersection: same level phase or neutral conductor.

Intersection: different levels phase or neutral conductor.

T-tap: neutral conductor only.

Note:
1. When constructing an intersection between nonstandard conductors use T-tap which is closest in size to the actual conductors.
2. For primary mid-span taps, see 3-5-2 for phase conductor assembly.

Overhead Distribution
Construction Standards

22kV Basic Assembly Units
Primary and Neutral Mid Span Taps

Issue Date: 02/05/91

Rev.: Added Note 2, Updated Stock Codes.
# Overhead Distribution Construction Standards

**Approval:** B. Priest

**Issue Date:** 06/07/11

**Rev.:** Added Note, Updated Stock Codes.

**Rev. Date:** 05/15/13

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## Table of Materials

<table>
<thead>
<tr>
<th>ITEM</th>
<th>Material Description</th>
<th>Quantity</th>
<th>Stock Code</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Thimble - Clevis</td>
<td>1</td>
<td>5023157</td>
</tr>
<tr>
<td>2</td>
<td>Insulator</td>
<td>1</td>
<td>5038548</td>
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<tr>
<td>3</td>
<td>Link</td>
<td>1</td>
<td>5034732</td>
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<tr>
<td>4</td>
<td>Dead - End Clamp</td>
<td>1</td>
<td>VARIOUS</td>
</tr>
<tr>
<td>5</td>
<td>Hot - Line Connector</td>
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<td>VARIOUS</td>
</tr>
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<td>6</td>
<td>Side Tie</td>
<td>1</td>
<td>VARIOUS</td>
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**Note:**
For Neutral Conductor Mid-Span Tap, see 3-5-1.

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### 22kV Primary Insulated Mid-Span Tap Compatible Units

<table>
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<tr>
<th>Running Line Conductor</th>
<th>22kV Primary Insulated Mid-Span Tap Compatible Units</th>
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<tr>
<td>R2</td>
<td>BTTD22A2</td>
</tr>
<tr>
<td>R266</td>
<td>BTTD262A2</td>
</tr>
<tr>
<td>AC312</td>
<td>BTTD39A2</td>
</tr>
</tbody>
</table>

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**Note:**
For Neutral Conductor Mid-Span Tap, see 3-5-1.
ARRESTER ONLY
5034088

CUTOUT ONLY
5034371

ALL LIGHTNING ARRESTERS SHALL BE MOUNTED ON TRANSFORMER TANK.
NOTES:
1. TO BE USED IN CASES WHERE FLASHOVER HAS OCCURRED, OR STATIC WIRE CONSTRUCTION WAS NOT USED.
2. ARRESTER SHALL BE MOUNTED ON SIDE OF POLE OPPOSITE LINE ATTACHING HARDWARE. TYPICAL EXAMPLES SHOWN ABOVE.
NOTES:

1. TO BE USED IN CASES WHERE FLASH OVER HAS OCCURRED, OR STATIC WIRE CONSTRUCTION WAS NOT USED.